

# Crawler Crane / Grue sur chenilles

## LR 1500

LR 1500

smart  
crane  
LIEBHERR

**strong  
compact**



**550 USt**



**433 ft**



**276 ft +  
276 ft**



**374,800 lb**



**88,200 lb**



**617,300 lb  
x 52.5 ft**



**25 ft**

LIEBHERR

# LIEBHERR



# Table of content

## Tables des matières

| Technical Data/Caractéristiques technique       |           |
|-------------------------------------------------|-----------|
| Equipment/Équipement                            | 3 – 4     |
| Dimensions/Encombrement                         | 5 – 9     |
| Crane data/Dates de la grue                     | 10        |
| Transportation plan/Plan de transport           | 11 – 12   |
| Boom/jib combinations/Configurations de flèche  | 13 – 15   |
| SL                                              | 16 – 17   |
| SL2DB                                           | 18 – 20   |
| S                                               | 21 – 22   |
| SDB                                             | 23 – 25   |
| SW                                              | 26 – 40   |
| SDWB                                            | 41 – 59   |
| Example/Exemple $W_{max}$                       | 60        |
| SLF                                             | 61 – 69   |
| SL3F                                            | 70 – 83   |
| SL4DFB                                          | 84 – 111  |
| SL8F                                            | 112 – 114 |
| SL9                                             | 115 – 116 |
| Description of symbols/Explication des symboles | 117       |
| Remarks/Remarques                               | 118       |

# Equipment

# Équipement

|                         |                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Max. capacity</b>    | 882,000 lb at 39 ft radius, SDB-system with S 118 ft.<br>1,102,000 lb at 25 ft radius, S2DB-system with S2 113 ft. |
| <b>Max. load moment</b> | 43,486,600 lb-ft, 650,000 lb at 66 ft radius, SDB-system with S 118 ft.                                            |

## Crawler travel gear

|                        |                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Crawler chassis</b> | Liebherr crawler chassis consisting of one centre section and two crawler carriers with crawler plates 5 ft and quadruple drive (double drive optional). |
| <b>Central ballast</b> | Total central ballast 88,200 lb.<br>2 x 11,025 lb walk, 2 x 33,075 lb (optional).                                                                        |

## Crane superstructure

|                             |                                                                                                                                                                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Superstructure frame</b> | Liebherr-slewing platform frame, consisting of slewing platform with winch IV and removable A-frame, connected to the centre section by a roller slewing bearing.                                                                                |
| <b>Engine</b>               | 6-cylinder Diesel, make Liebherr, watercooled, output 350 kW (476 h.p.), max. torque 1,836 lb-ft. Exhaust emissions acc. to 97/68/EG, EPA/CARB, ECE-R.96. Fuel reservoir: 322 gallons.                                                           |
| <b>Winch I</b>              | Standard hoist winch, hydraulically driven by variable axial piston motors with integrated planetary gears.                                                                                                                                      |
| <b>Winch IV</b>             | Boom hoist.                                                                                                                                                                                                                                      |
| <b>Reeving winch</b>        | Auxiliary winch for the reeving of ropes.                                                                                                                                                                                                        |
| <b>Slewing gear</b>         | 2 slewing gears, hydraulically driven by variable axial piston motors with integrated planetary gears.                                                                                                                                           |
| <b>Crane cabin</b>          | Air conditioned crane cabin tiltable to the rear with safety glazing, heat insulating glass, roof window with bullet proof glass, standardized control units ergonomically positioned. Additional thermostatically controlled hot water heating. |
| <b>Crane control</b>        | Setting of configuration data by convenient interactive functions. All crane movements are initiated by means of two 4-way joystick hand levers and two 2-way hand/foot levers. All working movements are independently controllable.            |
| <b>Safety devices</b>       | Hoist limit switch. Safety valves against hose and pipe rupture. Drum switch limit at 3 rest layers. Wind speed gauge. Electronic inclination indicator. Aircraft warning control light.                                                         |
| <b>Camera observation</b>   | 2 colour-screens, 3 cameras for winches and rear area.                                                                                                                                                                                           |
| <b>Counterweight</b>        | 2 brackets 11,025 lb each. Total counterweight at superstructure 374,800 lb. 16 ballast plates 22,050 lb each (option).                                                                                                                          |

## Boom system

|                                       |                                                                                                                                                                  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Main boom S</b>                    | System 2822 with head section for max. load capacity of 882,000 lb. Boom length S 79 ft – S 315 ft, boom length SDB 118 ft – SDB 374 ft with derrick system.     |
| <b>Lattice type luffing fly jib W</b> | System 2418 with head section for max. 551,200 lb load capacity. Luffing jib lengths 59 ft – 276 ft. Winch V is needed for all luffing jib operations.           |
| <b>Fixed lattice fly jib F</b>        | System 1812 with head section for max. capacity of 271,200 lb, attachable at 10°, 15° and 30°, jib lengths F 39 ft – F 138 ft with integral whip line 26,500 lb. |
| <b>Derrick system D</b>               | System 2420 including guy rods. Winch III is needed for all derrick operations. Length 98 ft.                                                                    |
| <b>Counterweight frame B</b>          | For max. derrick counterweight of 617,300 lb, for infinitely variable radius from 30 ft – 53 ft.                                                                 |
| <b>Counterweight trailer BW</b>       | For max. derrick counterweight of 617,300 lb at max. radius of 53 ft, infinitely variable radii from 39 ft – 53 ft.                                              |
| <b>Derrick-Counterweight</b>          | Plates for a total of 617,300 lb.                                                                                                                                |
| <b>Heavy duty jib WV</b>              | Using existing parts of main boom and luffing jib. Length 59 ft – 276 ft.                                                                                        |
| <b>Winch II</b>                       | Second hoist winch.                                                                                                                                              |
| <b>Winch III</b>                      | Reeving main boom / Derrick operation.                                                                                                                           |
| <b>Winch V</b>                        | Luffing for W-jib configuration.                                                                                                                                 |
| <b>Whip line 55100 lb</b>             | To be mounted on the S and L-boom head.                                                                                                                          |

## Additional equipment

|                                    |                                                                                                                                              |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mechanical outriggers</b>       | For erection of long boom combinations without derrick-counterweight.                                                                        |
| <b>Hydraulic assembly jacks</b>    | Lifting of the basic machine for assembly/disassembly. Consisting of 4 lifting cylinders with supporting pads, installed on the centre part. |
| <b>Hydraulic assembly cylinder</b> | For assembly/disassembly of the crawler carrier by the crane itself.                                                                         |
| <b>Pin pulling device</b>          | Including mobile hydraulic power pack. For pinning of the basic unit and the S- and L- intermediate sections.                                |

**Other items of equipment available on request.**  
**Standard equipment and options according to effective price list.**

# Equipment

# Équipement

|                              |                                                                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Capacité max.</b>         | 882,000 lb pour une portée de 39 ft.<br>Système SDB avec S 118 ft.<br>1,102,000 lb pour une portée de 25 ft.<br>Système S2DB avec S2 113 ft. |
| <b>Couple de charge max.</b> | 43,486,600 lb-ft – 650,000 lb pour une portée de 66 ft.<br>Système SDB avec S 118 ft.                                                        |

## Train de chenilles

|                                 |                                                                                                                                                                               |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mécanisme de translation</b> | Le train de chenilles Liebherr est composé d'une partie centrale et de deux longerons avec patins de chenilles 5 ft et un entraînement à 4 positions (2 positions en option). |
| <b>Contrepoids central</b>      | Contrepoids central total 88,200 lb.<br>2 x 11,025 lb passerelle, 2 x 33,075 lb (en option).                                                                                  |

## Partie tournante

|                                     |                                                                                                                                                                                                                                                                                                                |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cadre de la partie tournante</b> | Le cadre de la partie tournante Liebherr est composé de la partie tournante avec treuil IV et du chevalet démontable A, il est relié à la partie centrale du train de roulement par une couronne d'orientation à rouleaux.                                                                                     |
| <b>Moteur</b>                       | Moteur diesel, 6 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 350 kW (476 ch), couple max. 1,836 lb-ft. Emissions des gaz d'échappement conformes aux directives 97/68/EG, EPA/CARB, ECE-R.96. Capacité du réservoir à carburant: 322 gallons.                                              |
| <b>Treuil I</b>                     | Treuil de levage standard, commande hydraulique avec moteurs à cylindrée variable et pistons axiaux, réducteur planétaire intégré.                                                                                                                                                                             |
| <b>Treuil IV</b>                    | Mécanisme de relevage.                                                                                                                                                                                                                                                                                         |
| <b>Treuil de mouflage</b>           | Treuil auxiliaire pour le mouflage des câbles.                                                                                                                                                                                                                                                                 |
| <b>Mécanisme d'orientation</b>      | 2 mécanismes d'orientation, commande hydraulique avec moteurs à cylindrée variable et pistons axiaux, réducteur planétaire intégré.                                                                                                                                                                            |
| <b>Cabine du grutier</b>            | La cabine du grutier est climatisée, inclinable vers l'arrière, possède un vitrage de sécurité, un vitrage isolant thermiquement, une fenêtre de toit en verre blindé, des unités de commande normalisées disposées de façon ergonomique. Chauffage d'appoint et chauffage de l'eau régulé thermostatiquement. |
| <b>Commande de la grue</b>          | Entrée des données de configuration par des fonctions interactives simples. Tous les mouvements de la grue sont commandés par deux manipulateurs à 4 voies et deux pédale/levier à 2 voies. Tous les mouvements de travail peuvent être commandés indépendamment.                                              |
| <b>Dispositifs de sécurité</b>      | Interrupteur de fin de course. Clapets de sécurité contre les ruptures de tuyaux et de flexibles. Coupure de fin de course du tambour avec 3 enroulements de sécurité. Anémomètre de sécurité. Inclinomètre électronique. Balise aérienne.                                                                     |
| <b>Contrôle vidéo</b>               | 2 écrans couleur, 3 caméras pour la zone de treuils et la partie arrière.                                                                                                                                                                                                                                      |
| <b>Contrepoids</b>                  | 2 consoles de 11,025 lb chacune. Contrepoids total 374,800 lb. 16 plaques de lest à 22,050 lb (option).                                                                                                                                                                                                        |

## Système de flèche

|                                              |                                                                                                                                                                                                 |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Flèche principale S</b>                   | Système 2822 avec élément de tête pour une capacité de charge max. de 882,000 lb. Longueur de flèche S 79 ft – S 315 ft. Longueur de flèche SDB 118 ft – SDB 374 ft avec système derrick.       |
| <b>Fléchette treillis à volée variable W</b> | Système 2418 avec élément de tête pour une capacité max. de 551,200 lb. Longueurs de flèche treillis 59 ft – 276 ft. Le treuil V est nécessaire pour fonctionnement fléchette treillis.         |
| <b>Fléchette treillis fixe F</b>             | Système 1812 avec élément de tête pour une capacité max. de 271,200 lb, montage possible sous 10°, 15° et 30°. Longueurs de flèche F 39 ft – F 138 ft avec extrémité de mât intégrée 26,500 lb. |
| <b>Système derrick D</b>                     | Le système 2420 comprend des tirants. Le treuil III est nécessaire au mode derrick. Longueur 98 ft.                                                                                             |
| <b>Palette de lest B</b>                     | Pour un contrepoids derrick max. de 617,300 lb et rayons variables progressivement de 30 ft – 53 ft.                                                                                            |
| <b>Remorque à contrepoids BW</b>             | Pour un contrepoids derrick max. de 617,300 lb pour un rayon max. de 53 ft, pour des rayons variables progressivement de 39 ft – 53 ft.                                                         |
| <b>Contrepoids derrick</b>                   | Plaques de poids total de 617,300 lb.                                                                                                                                                           |
| <b>Fléchette pour charge lourde WV</b>       | Utilisation des parties disponibles de la flèche principale et de la fléchette treillis. Longueur 59 ft – 276 ft.                                                                               |
| <b>Treuil II</b>                             | 2. treuil de levage.                                                                                                                                                                            |
| <b>Treuil III</b>                            | Réglage flèche principale/mode derrick.                                                                                                                                                         |
| <b>Treuil V</b>                              | Réglage fléchette treillis à volée variable.                                                                                                                                                    |
| <b>Poulie en extrémité de mât 55100 lb</b>   | Elle sert au montage au niveau de la tête S et L.                                                                                                                                               |

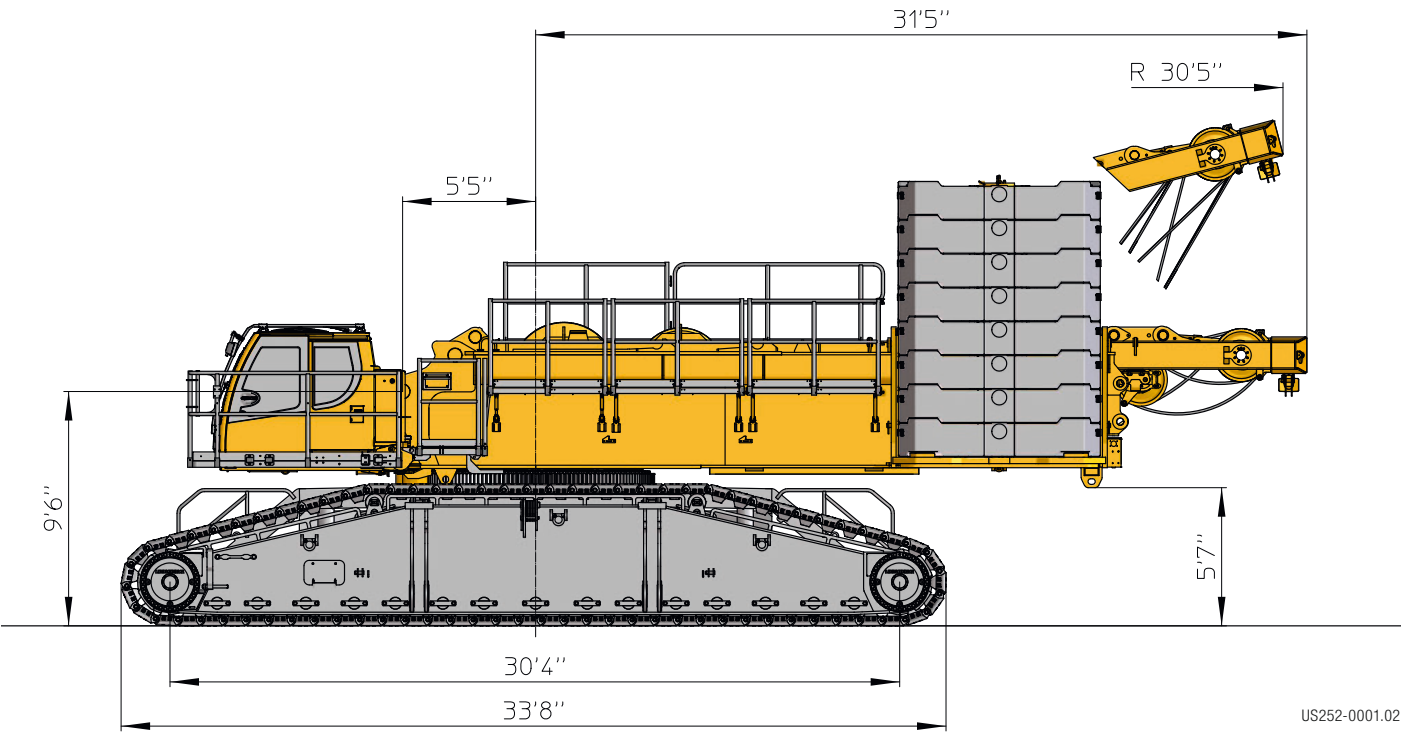
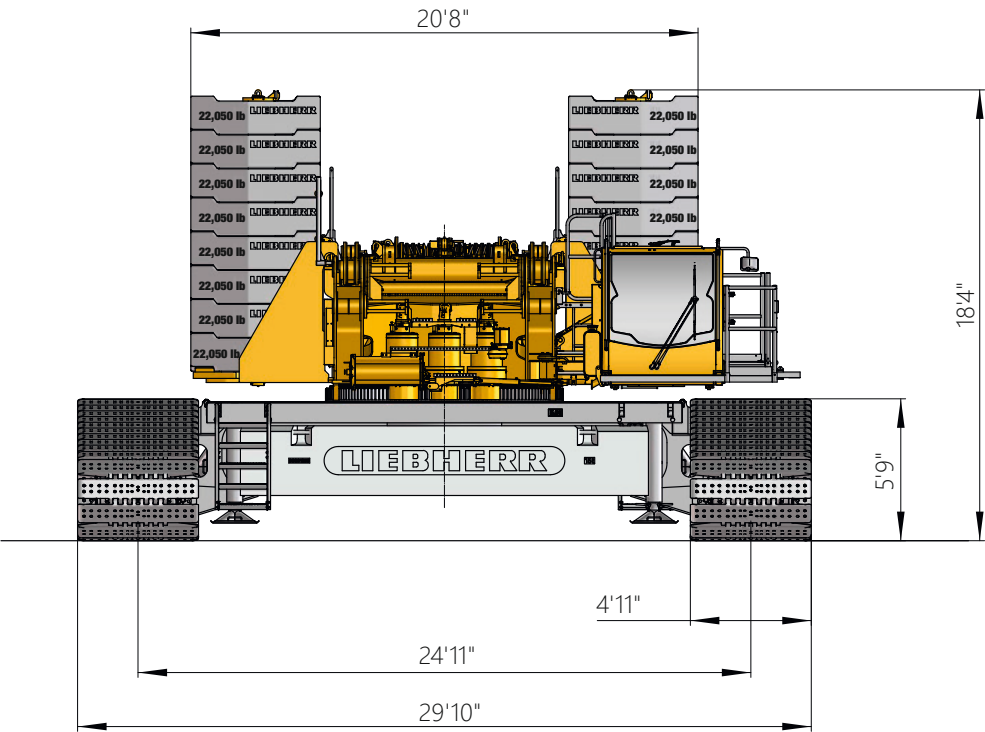
## Équipement additionnel

|                                               |                                                                                                                                                            |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stabilisateur additionnel mécanique</b>    | Il sert au relevage de longues combinaisons de flèche sans contrepoids derrick.                                                                            |
| <b>Stabilisateurs hydrauliques de montage</b> | Ils soulèvent l'engin de base pour le montage/démontage. Ils sont constitués de 4 vérins de calage dont les patins de calage montés sur l'élément central. |
| <b>Vérin hydraulique de montage</b>           | Pour le montage autonome/démontage du train de chenilles.                                                                                                  |
| <b>Dispositif d'extraction des axes</b>       | Avec groupe hydraulique mobile. Pour le verrouillage de la machine de base et des éléments intermédiaires S et L.                                          |

**D'autres équipements additionnels sont disponibles sur demande.**  
**Les équipements de série et les options correspondent à la liste de prix actuelle.**

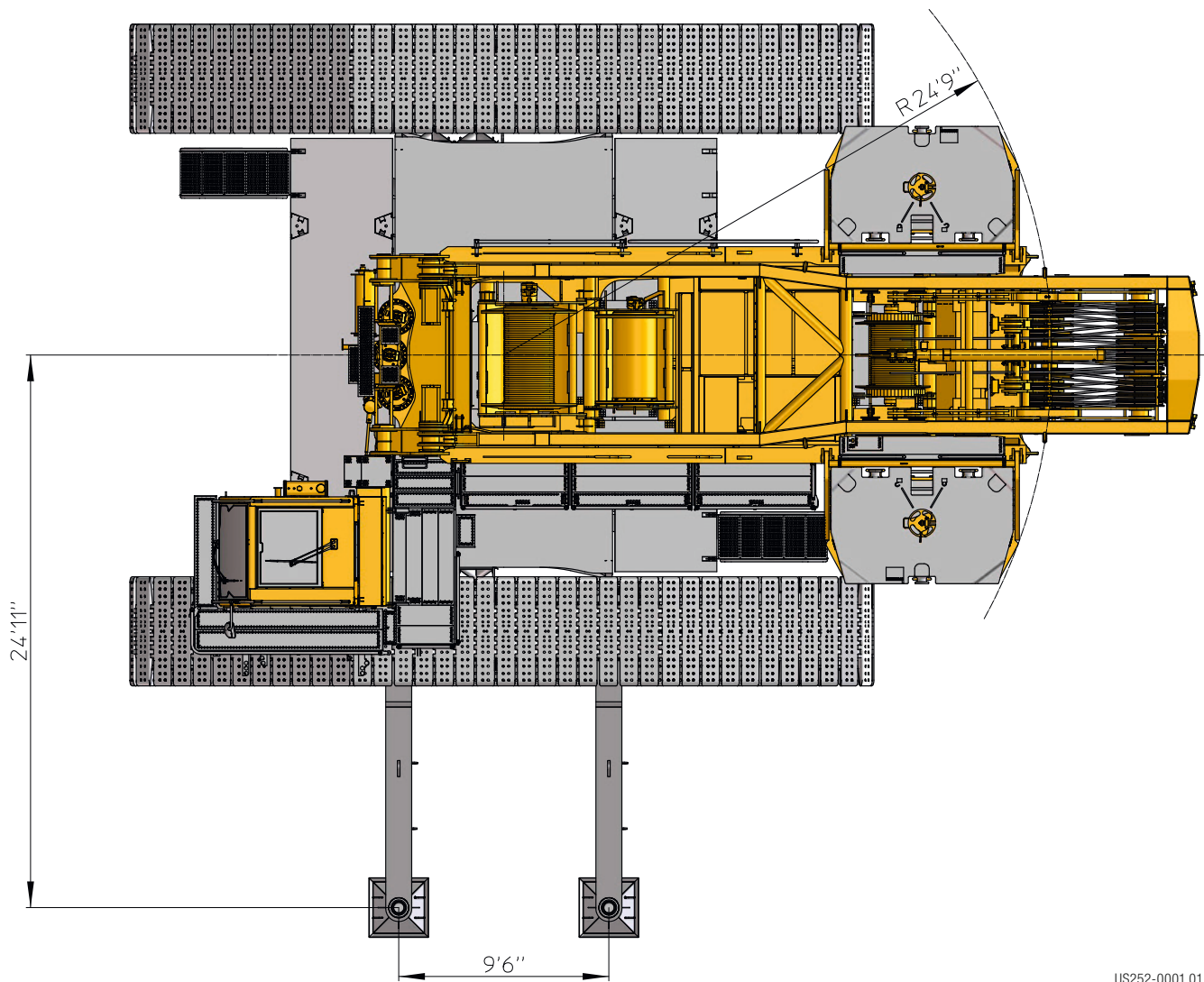


# Dimensions Encombrement



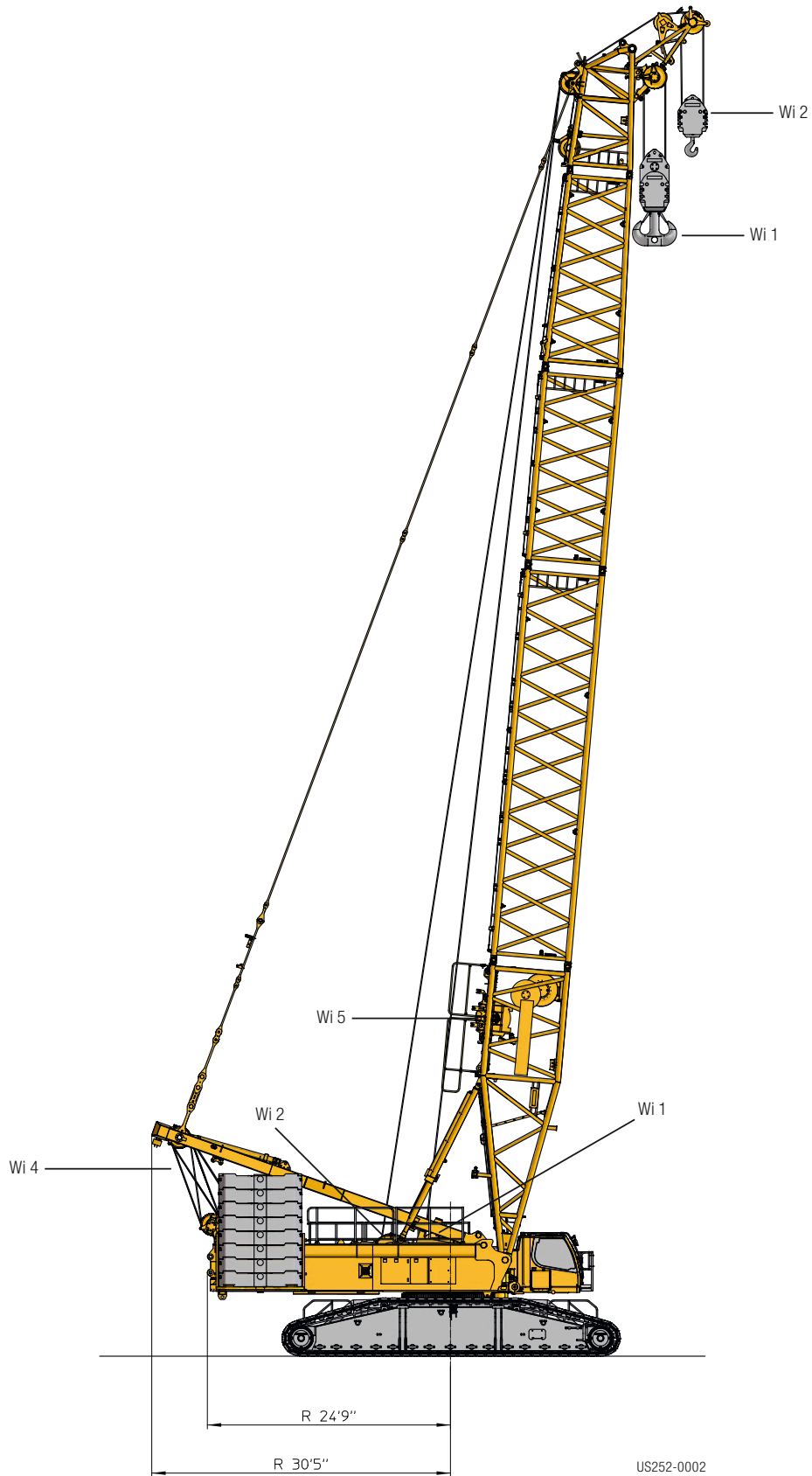
US252-0001.02

# Dimensions Encombrement



US252-0001.01

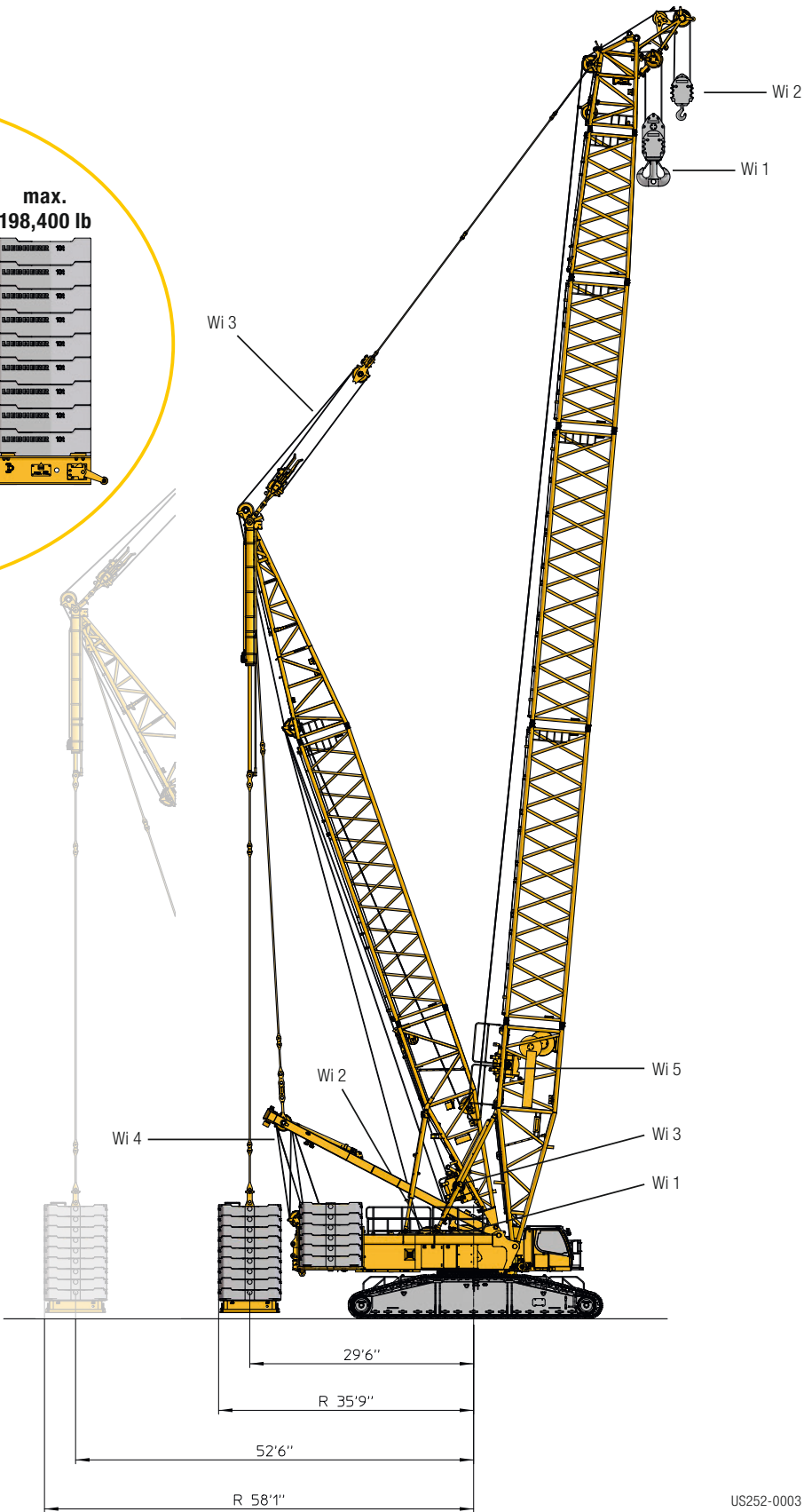
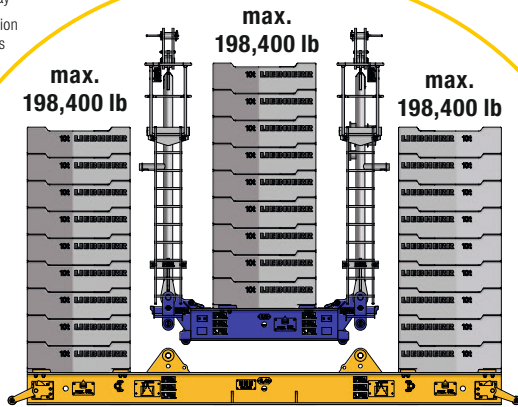
# Dimensions Encombrement





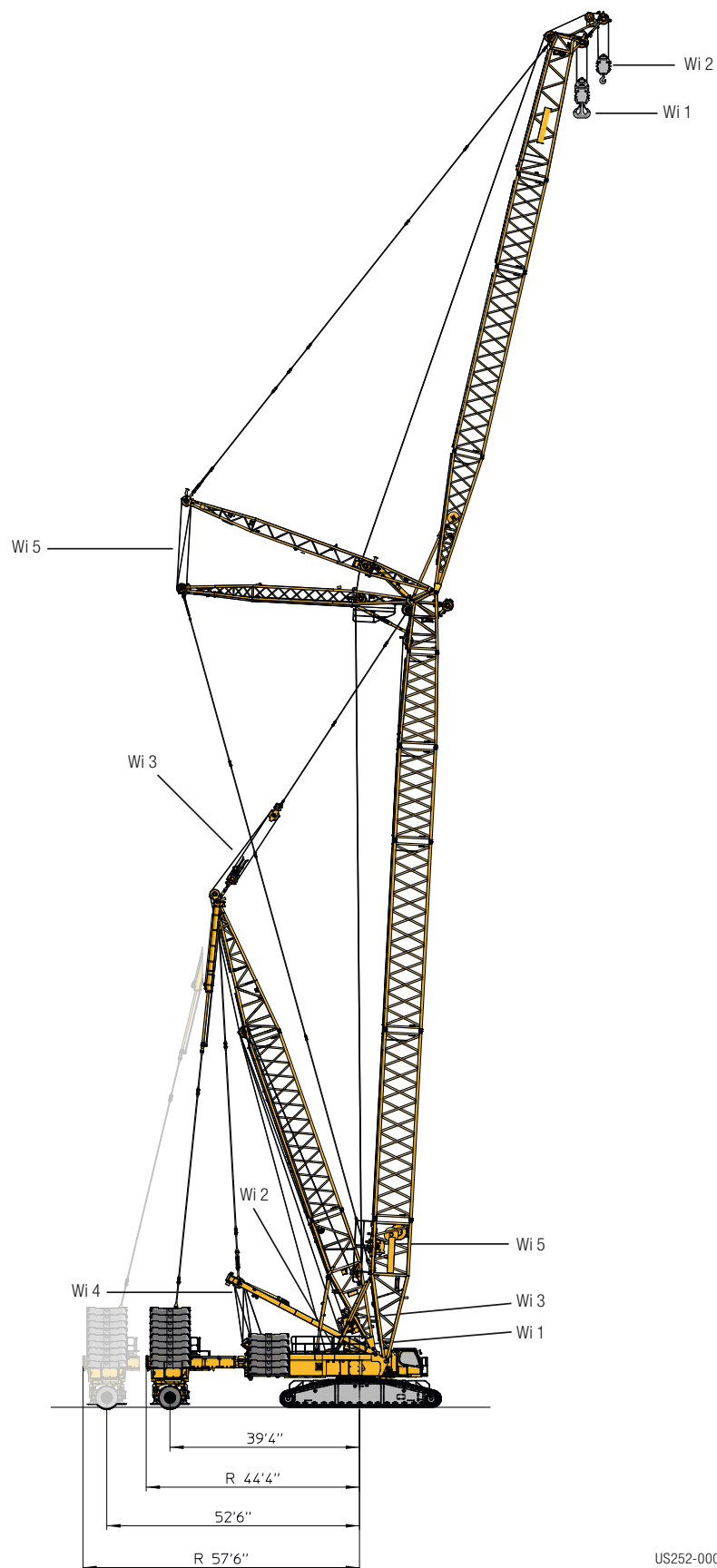
# Dimensions Encombrement

595,250 lb derrick counterweight  
optional VarioTray  
VarioTray en option  
pour contrepoids  
derrick de  
595,250 lb



US252-0003

# Dimensions Encombrement



# Crane data

## Dates de la grue

### Winches/Treuil

|  | <b>V</b> <sub>ft/min</sub> |  F |  Ø |  |
|-----------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1                                                                                 | 0 – 482 ft/min             | 40,500 lb                                                                           | 1.1"                                                                                  | 4,100 ft                                                                            |
| 2                                                                                 | 0 – 410 ft/min             | 28,100 lb                                                                           | 0.98"                                                                                 | 1,970 ft                                                                            |
| 3                                                                                 | 0 – 436 ft/min             |                                                                                     |                                                                                       |                                                                                     |
| 4                                                                                 | 0 – 2 x 249 ft/min         |                                                                                     |                                                                                       |                                                                                     |
| 5                                                                                 | 0 – 400 ft/min             |                                                                                     |                                                                                       |                                                                                     |

### Working speeds/Vitesses

|                                                                                   |                                         |              |
|-----------------------------------------------------------------------------------|-----------------------------------------|--------------|
|  | Slewing speeds / Vitesses d'orientation | 0 – 0,54 rpm |
|  | Travel speeds / Vitesses de translation | 0 – 0.95 mph |

### Hook blocks/Moufles à crochet

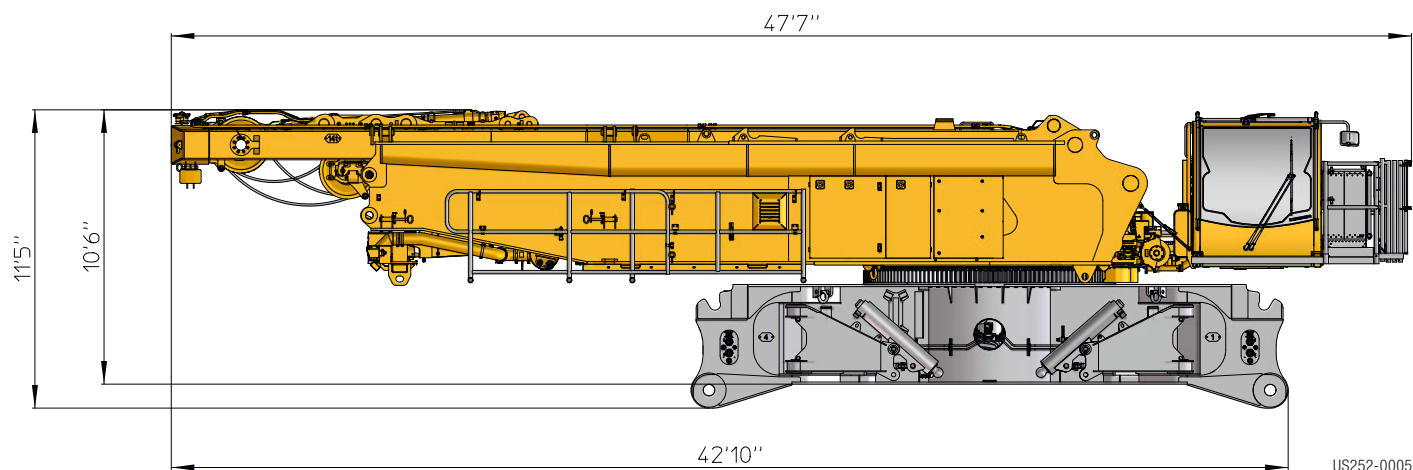
|  |  max |  Ø |  |  |  |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 948,000 lb                                                                          | 1,102,300 lb                                                                            | 1.1"                                                                                  | 13                                                                                  | 27                                                                                    | 12,125 – 25,350 lb                                                                    |
| 694,450 lb                                                                          | 705,500 lb                                                                              | 1.1"                                                                                  | 9                                                                                   | 19                                                                                    | 9,920 – 18,740 lb                                                                     |
| 551,200 lb                                                                          | 551,200 lb                                                                              | 1.1"                                                                                  | 7                                                                                   | 15                                                                                    | 8,820 – 15,430 lb                                                                     |
| 418,880 lb                                                                          | 440,920 lb                                                                              | 1.1"                                                                                  | 5                                                                                   | 11                                                                                    | 4,410 – 15,430 lb                                                                     |
| 264,550 lb                                                                          | 275,600 lb                                                                              | 1.1"                                                                                  | 3                                                                                   | 7                                                                                     | 3,305 – 12,125 lb                                                                     |
| 110,230 lb                                                                          | 138,900 lb                                                                              | 1.1"                                                                                  | 1                                                                                   | 3                                                                                     | 2,205 – 6,615 lb                                                                      |
| 39,680 lb                                                                           | 40,090 lb                                                                               | 1.1"                                                                                  | –                                                                                   | 1                                                                                     | 2,425 lb                                                                              |



# Transportation plan Plan de transport

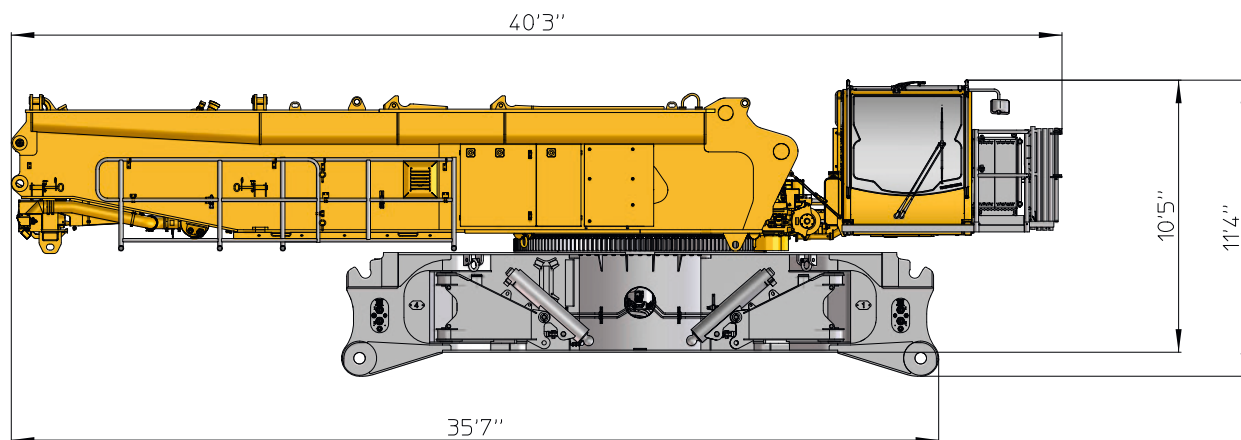
Superstructure and crawler center section with SA-frame, winch 4, with assembly jacks  
Partie tournante et partie centrale du porteur avec chevalet SA, treuil 4, avec vérins de montage

**129,650 lb**



Superstructure and crawler center section, assembly jacks  
Partie tournante et partie centrale du porteur, vérins de montage

**103,000 lb** \*



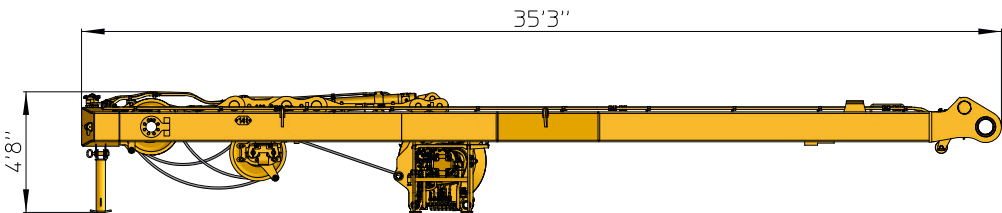
\* Option Quick Connection 44,100 lb + 71,650 lb

# Transportation plan

# Plan de transport

SA-frame, winch 4 incl. rope and pulley block  
Chevalet SA, treuil 4 incl. câble et bloc de poulies

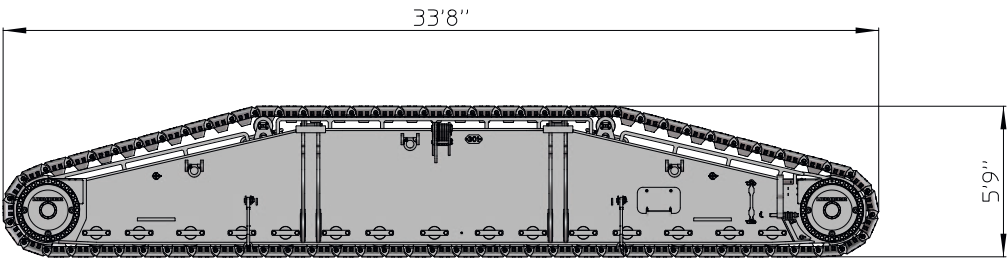
26,675 lb



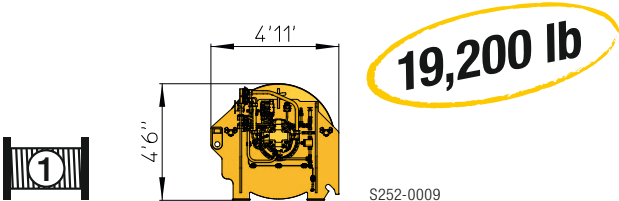
US252-0007

Crawler with track pads 4.9 ft  
Chenille avec pains de chenille de 4.9 ft

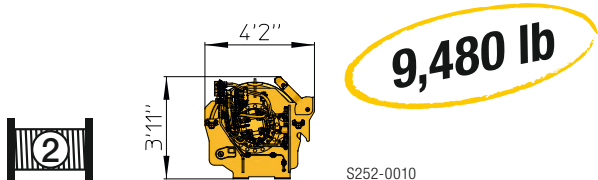
2 x 66,150 lb



US252-0008



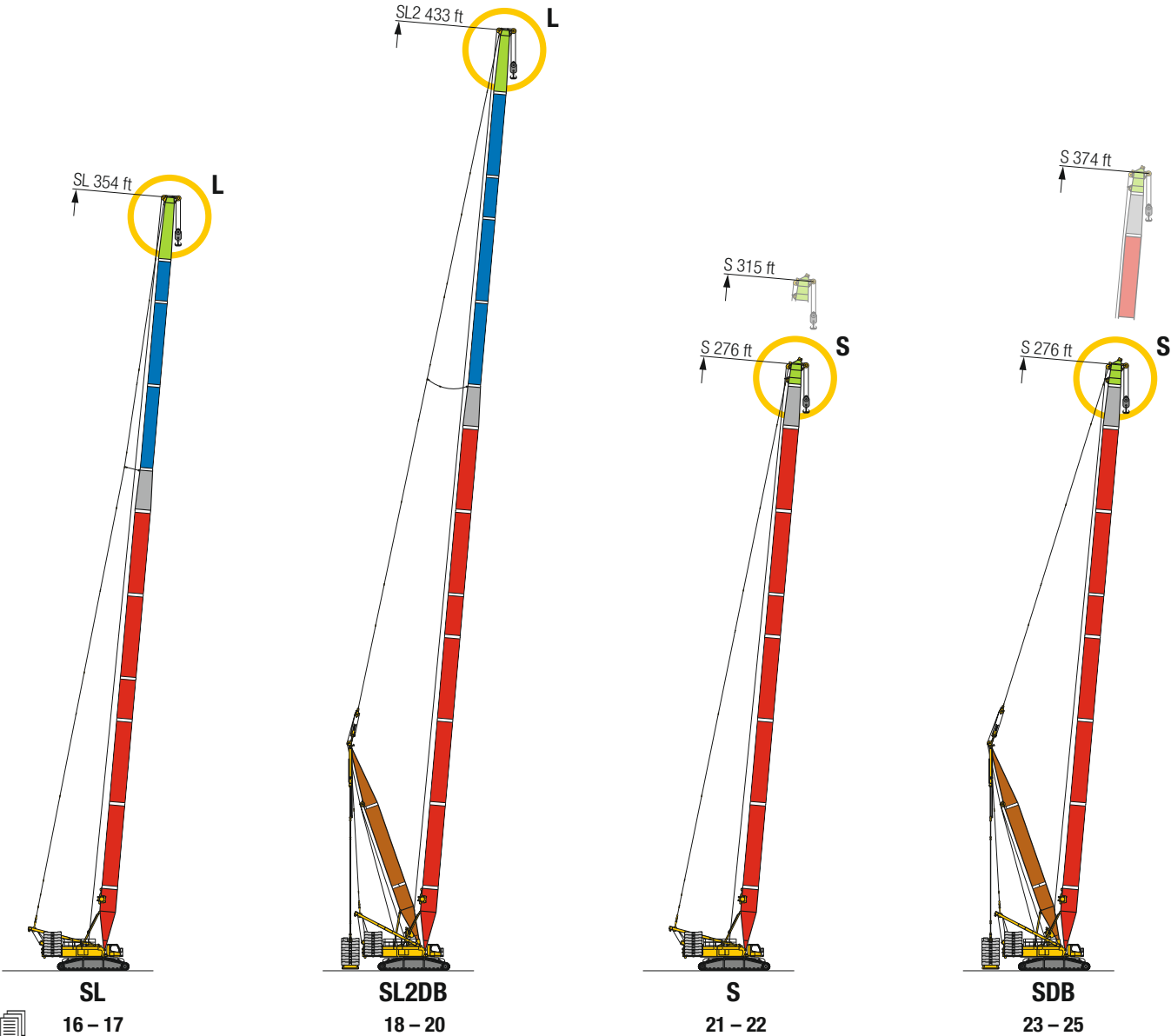
S252-0009



S252-0010

# Boom/jib combinations Configurations de flèche

- S** Main boom, heavy · Flèche principale, lourde
- SL** Main boom, heavy/light · Flèche principale, lourde/légère



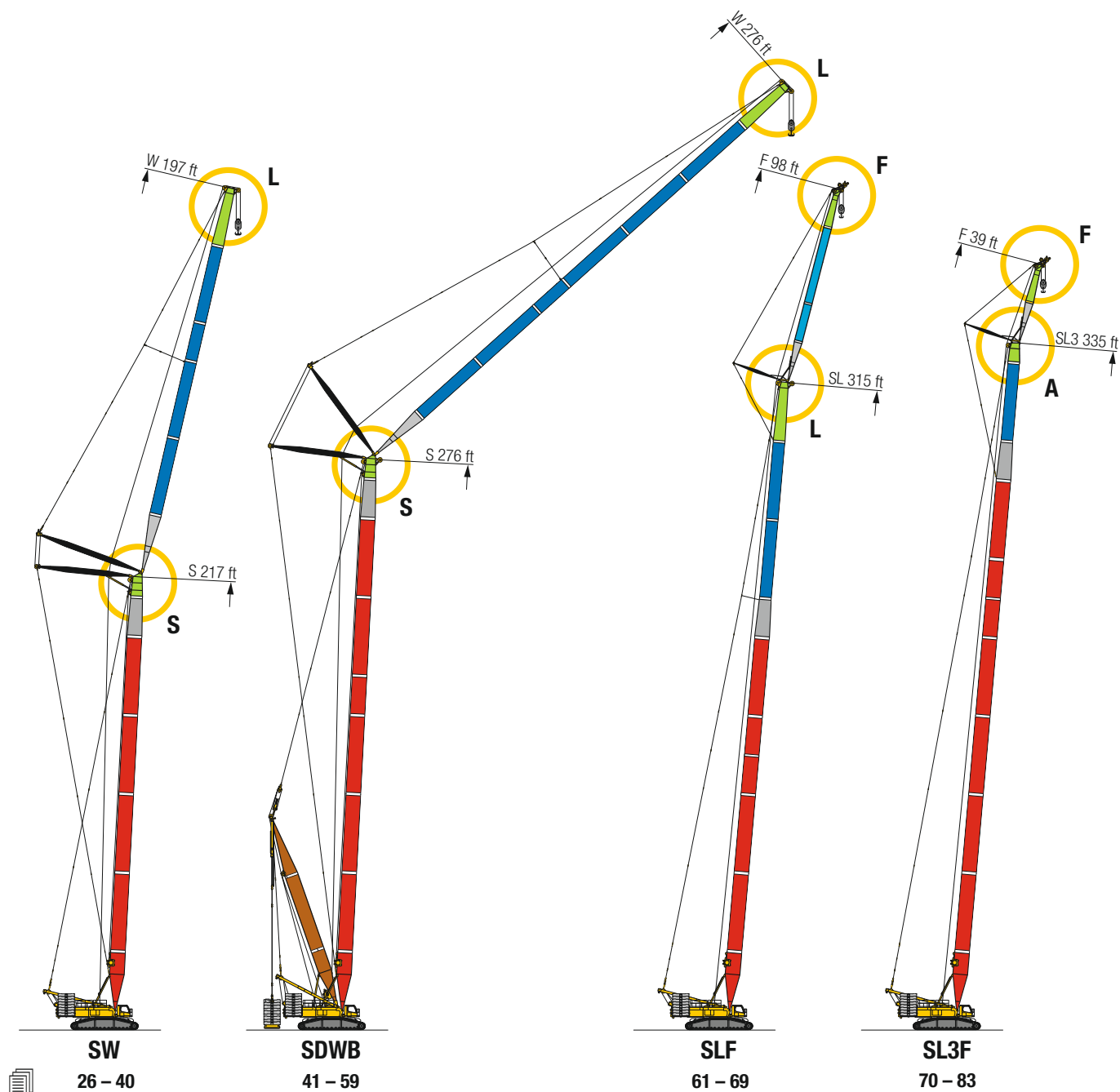
# Boom/jib combinations Configurations de flèche

**W** Luffing jib, heavy · Fléchette, lourde

**D** Derrick · Flèche derrick

**B** Suspended ballast · Lest suspendu

**F** Lattice fly jib · Fléchette treillis fixe



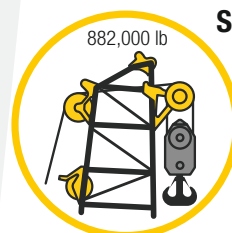


# Boom/jib combinations

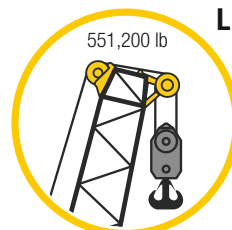
## Configurations de flèche



F-Head section  
F-Tête de flèche



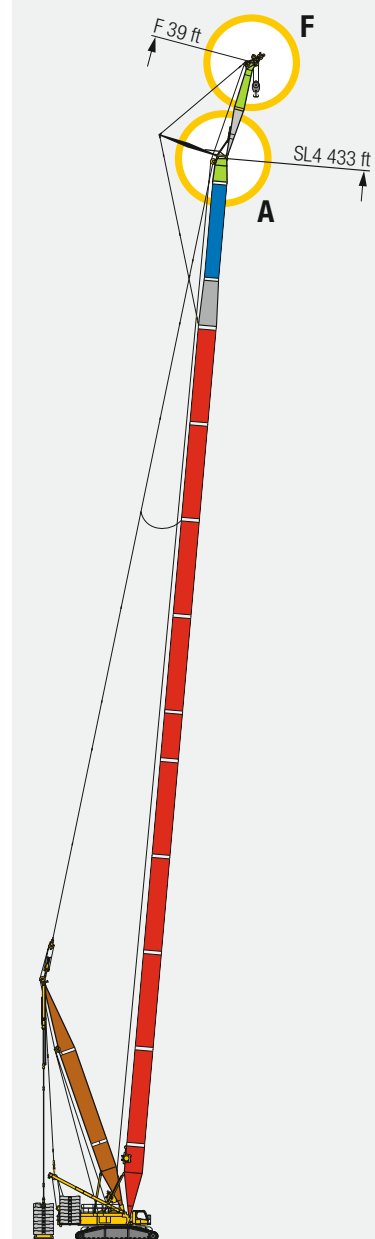
S-Head section  
S-Tête de flèche



L-Head section  
L-Tête de flèche

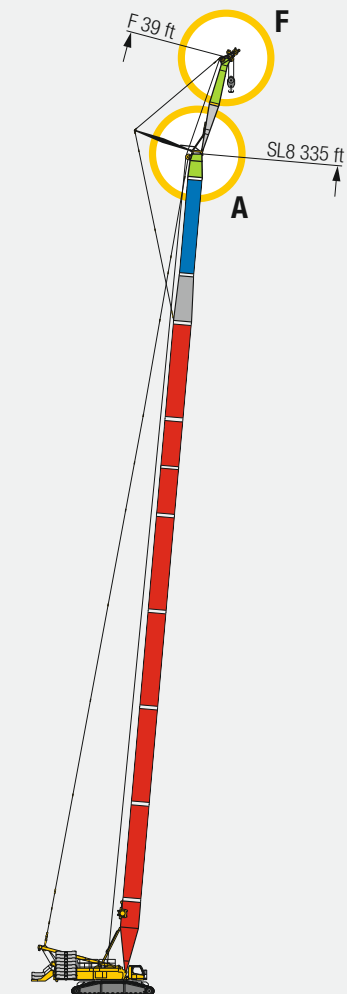


F-adapter head  
F-Tête de flèche



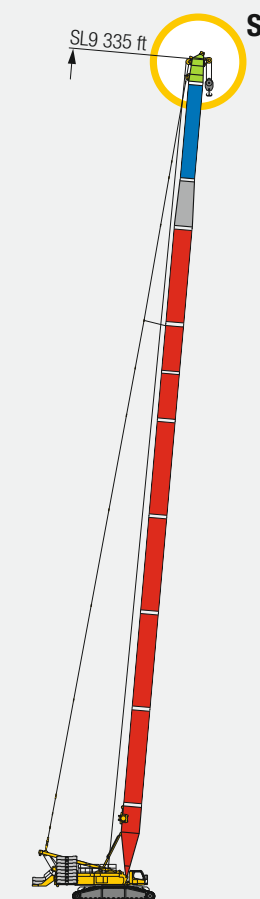
**SL4DFB**

84 – 111



**SL8F**

112 – 114

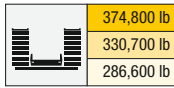


**SL9**

115 – 116



US2988.04

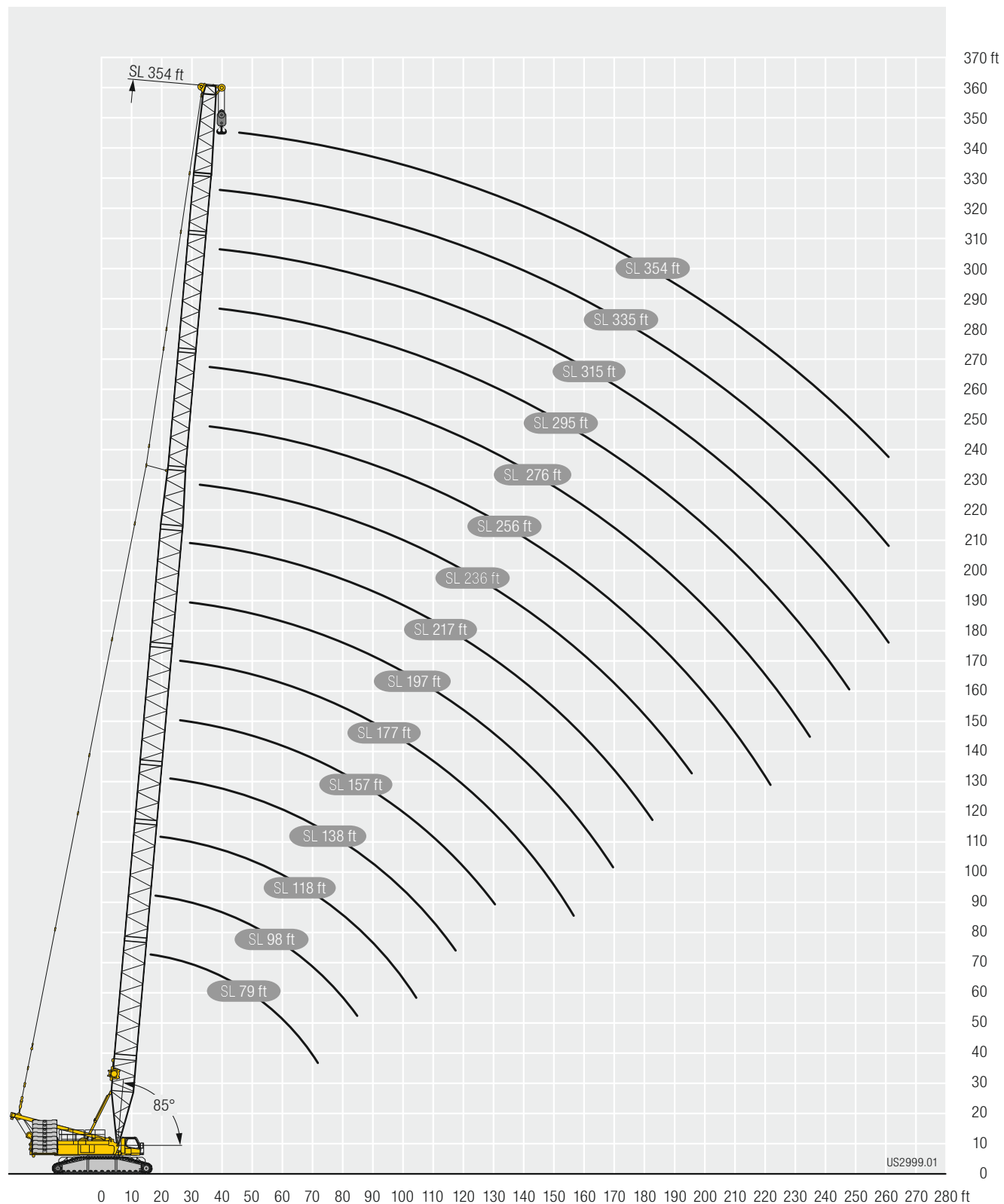


|  ft | SL 79 – 354 |       |        |        |        |        |        |        |        |        |        |        |        |        |        |  ft |
|--------------------------------------------------------------------------------------|-------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------------------------------------------------------------------------|
|                                                                                      | 79 ft       | 98 ft | 118 ft | 138 ft | 157 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft | 335 ft | 354 ft |                                                                                        |
| 16                                                                                   | 551         |       |        |        |        |        |        |        |        |        |        |        |        |        |        | 16                                                                                     |
| 17                                                                                   | 551         |       |        |        |        |        |        |        |        |        |        |        |        |        |        | 17                                                                                     |
| 18                                                                                   | 551         | 551   |        |        |        |        |        |        |        |        |        |        |        |        |        | 18                                                                                     |
| 19                                                                                   | 551         | 551   |        |        |        |        |        |        |        |        |        |        |        |        |        | 19                                                                                     |
| 20                                                                                   | 551         | 551   | 551    |        |        |        |        |        |        |        |        |        |        |        |        | 20                                                                                     |
| 22                                                                                   | 551         | 551   | 551    | 551.0  |        |        |        |        |        |        |        |        |        |        |        | 22                                                                                     |
| 24                                                                                   | 551         | 551   | 551    | 551.0  | 551.0  |        |        |        |        |        |        |        |        |        |        | 24                                                                                     |
| 26                                                                                   | 551         | 551   | 551    | 551.0  | 551.0  | 551.0  |        |        |        |        |        |        |        |        |        | 26                                                                                     |
| 28                                                                                   | 551         | 551   | 551    | 551.0  | 551.0  | 549.0  | 489.0  |        |        |        |        |        |        |        |        | 28                                                                                     |
| 30                                                                                   | 551         | 551   | 547    | 551.0  | 547.0  | 525.0  | 498.0  | 415.0  |        |        |        |        |        |        |        | 30                                                                                     |
| 32                                                                                   | 551         | 544   | 549    | 542.0  | 514.0  | 490.0  | 467.0  | 402.0  | 369.0  |        |        |        |        |        |        | 32                                                                                     |
| 34                                                                                   | 541         | 549   | 533    | 506.0  | 480.0  | 459.0  | 438.0  | 389.0  | 358.0  | 315.0  |        |        |        |        |        | 34                                                                                     |
| 36                                                                                   | 505         | 524   | 498    | 473.0  | 451.0  | 432.0  | 412.0  | 376.0  | 346.0  | 304.0  | 321.0  |        |        |        |        | 36                                                                                     |
| 38                                                                                   | 505         | 491   | 467    | 445.0  | 424.0  | 407.0  | 389.0  | 363.0  | 334.0  | 293.0  | 316.0  | 274.0  |        |        |        | 38                                                                                     |
| 40                                                                                   | 476         | 461   | 439    | 419.0  | 401.0  | 384.0  | 368.0  | 352.0  | 322.0  | 282.0  | 310.0  | 270.0  | 240.0  |        |        | 40                                                                                     |
| 45                                                                                   | 402         | 399   | 383    | 366.0  | 351.0  | 338.0  | 325.0  | 315.0  | 293.0  | 257.0  | 281.0  | 261.0  | 234.0  | 209.0  | 184.0  | 45                                                                                     |
| 50                                                                                   | 344         | 343   | 338    | 324.0  | 311.0  | 301.0  | 289.0  | 281.0  | 266.0  | 235.0  | 252.0  | 243.0  | 227.0  | 204.0  | 180.0  | 50                                                                                     |
| 55                                                                                   | 302         | 300   | 297    | 291.0  | 279.0  | 270.0  | 260.0  | 253.0  | 241.0  | 215.0  | 227.0  | 220.0  | 212.0  | 197.0  | 176.0  | 55                                                                                     |
| 60                                                                                   | 267         | 265   | 263    | 260.0  | 252.0  | 245.0  | 236.0  | 230.0  | 219.0  | 196.0  | 207.0  | 200.0  | 193.0  | 186.0  | 171.0  | 60                                                                                     |
| 65                                                                                   | 239         | 238   | 235    | 232.0  | 229.0  | 223.0  | 215.0  | 210.0  | 200.0  | 180.0  | 189.0  | 183.0  | 177.0  | 171.0  | 165.0  | 65                                                                                     |
| 70                                                                                   | 216         | 214   | 212    | 210.0  | 207.0  | 205.0  | 197.0  | 193.0  | 183.0  | 165.0  | 174.0  | 168.0  | 162.0  | 158.0  | 153.0  | 70                                                                                     |
| 75                                                                                   |             | 195   | 194    | 191.0  | 188.0  | 186.0  | 182.0  | 178.0  | 171.0  | 151.0  | 160.0  | 155.0  | 150.0  | 145.0  | 141.0  | 75                                                                                     |
| 80                                                                                   |             | 179   | 177    | 174.0  | 172.0  | 170.0  | 167.0  | 165.0  | 160.0  | 142.0  | 148.0  | 144.0  | 138.0  | 134.0  | 131.0  | 80                                                                                     |
| 85                                                                                   |             | 165   | 163    | 161.0  | 157.0  | 156.0  | 153.0  | 153.0  | 149.0  | 134.0  | 137.0  | 133.0  | 128.0  | 124.0  | 121.0  | 85                                                                                     |
| 90                                                                                   |             | 153   | 151    | 149.0  | 145.0  | 144.0  | 141.0  | 140.0  | 138.0  | 127.0  | 128.0  | 124.0  | 119.0  | 115.0  | 112.0  | 90                                                                                     |
| 95                                                                                   |             |       | 140    | 137.0  | 135.0  | 133.0  | 130.0  | 130.0  | 128.0  | 121.0  | 119.0  | 116.0  | 111.0  | 107.0  | 105.0  | 95                                                                                     |
| 100                                                                                  |             |       | 131    | 128.0  | 125.0  | 124.0  | 121.0  | 121.0  | 119.0  | 115.0  | 112.0  | 108.0  | 104.0  | 100.0  | 97.4   | 100                                                                                    |
| 105                                                                                  |             |       | 122    | 120.0  | 117.0  | 116.0  | 113.0  | 112.0  | 110.0  | 107.0  | 104.0  | 101.0  | 96.9   | 93.6   | 91.0   | 105                                                                                    |
| 110                                                                                  |             |       |        | 112.0  | 109.0  | 108.0  | 105.0  | 105.0  | 103.0  | 100.0  | 96.7   | 94.5   | 90.7   | 87.5   | 85.0   | 110                                                                                    |
| 115                                                                                  |             |       |        | 105.0  | 102.0  | 101.0  | 98.3   | 97.9   | 95.9   | 93.2   | 90.0   | 88.1   | 85.0   | 81.9   | 79.5   | 115                                                                                    |
| 120                                                                                  |             |       |        | 99.2   | 96.2   | 95.1   | 92.1   | 91.8   | 89.6   | 87.0   | 83.8   | 81.8   | 79.4   | 76.7   | 74.4   | 120                                                                                    |
| 125                                                                                  |             |       |        |        | 90.6   | 89.4   | 86.5   | 86.1   | 84.1   | 81.5   | 78.3   | 76.4   | 73.8   | 71.8   | 69.7   | 125                                                                                    |
| 130                                                                                  |             |       |        |        | 85.5   | 84.3   | 81.4   | 81.0   | 79.0   | 76.3   | 73.1   | 71.2   | 68.8   | 66.9   | 65.2   | 130                                                                                    |
| 135                                                                                  |             |       |        |        | 80.8   | 79.6   | 76.7   | 76.3   | 74.2   | 71.7   | 68.5   | 66.7   | 64.1   | 62.1   | 60.9   | 135                                                                                    |
| 140                                                                                  |             |       |        |        | 76.6   | 75.3   | 72.4   | 72.0   | 69.9   | 67.4   | 64.2   | 62.3   | 59.9   | 58.0   | 56.5   | 140                                                                                    |
| 145                                                                                  |             |       |        |        |        | 71.4   | 68.4   | 68.0   | 65.9   | 63.3   | 60.2   | 58.3   | 55.9   | 53.9   | 52.7   | 145                                                                                    |
| 150                                                                                  |             |       |        |        |        | 67.8   | 64.7   | 64.3   | 62.2   | 59.6   | 56.5   | 54.7   | 52.2   | 50.4   | 49.0   | 150                                                                                    |
| 155                                                                                  |             |       |        |        |        | 64.5   | 61.4   | 60.9   | 58.7   | 56.2   | 53.0   | 51.2   | 48.7   | 46.9   | 45.6   | 155                                                                                    |
| 160                                                                                  |             |       |        |        |        |        | 58.3   | 57.7   | 55.5   | 53.0   | 49.9   | 48.0   | 45.6   | 43.8   | 42.5   | 160                                                                                    |
| 165                                                                                  |             |       |        |        |        |        | 55.4   | 54.7   | 52.6   | 50.0   | 46.9   | 45.0   | 42.6   | 40.7   | 39.4   | 165                                                                                    |
| 170                                                                                  |             |       |        |        |        |        | 52.7   | 52.0   | 49.8   | 47.2   | 44.1   | 42.3   | 39.8   | 38.0   | 36.7   | 170                                                                                    |
| 175                                                                                  |             |       |        |        |        |        |        | 49.4   | 47.2   | 44.6   | 41.5   | 39.6   | 37.1   | 35.4   | 34.0   | 175                                                                                    |
| 180                                                                                  |             |       |        |        |        |        |        | 47.0   | 44.7   | 42.1   | 39.0   | 37.2   | 34.7   | 32.9   | 31.7   | 180                                                                                    |
| 185                                                                                  |             |       |        |        |        |        |        | 44.7   | 42.4   | 39.8   | 36.7   | 34.9   | 32.4   | 30.6   | 29.3   | 185                                                                                    |
| 190                                                                                  |             |       |        |        |        |        |        | 42.7   | 40.3   | 37.6   | 34.6   | 32.6   | 30.3   | 28.5   | 27.2   | 190                                                                                    |
| 195                                                                                  |             |       |        |        |        |        |        |        | 38.3   | 35.6   | 32.5   | 30.6   | 28.2   | 26.3   | 25.1   | 195                                                                                    |
| 200                                                                                  |             |       |        |        |        |        |        |        | 36.4   | 33.7   | 30.6   | 28.7   | 26.2   | 24.4   | 23.2   | 200                                                                                    |
| 205                                                                                  |             |       |        |        |        |        |        |        | 34.6   | 31.9   | 28.8   | 26.8   | 24.4   | 22.6   | 21.5   | 205                                                                                    |
| 210                                                                                  |             |       |        |        |        |        |        |        |        | 30.1   | 27.1   | 25.1   | 22.6   | 21.1   | 20.0   | 210                                                                                    |
| 215                                                                                  |             |       |        |        |        |        |        |        |        | 28.5   | 25.4   | 23.5   | 21.2   | 19.6   | 18.6   | 215                                                                                    |
| 220                                                                                  |             |       |        |        |        |        |        |        |        | 27.0   | 23.9   | 22.0   | 19.9   | 18.3   | 17.2   | 220                                                                                    |
| 225                                                                                  |             |       |        |        |        |        |        |        |        |        | 22.4   | 20.7   | 18.6   | 17.0   | 15.9   | 225                                                                                    |
| 230                                                                                  |             |       |        |        |        |        |        |        |        |        | 21.2   | 19.5   | 17.4   | 15.8   | 14.7   | 230                                                                                    |
| 235                                                                                  |             |       |        |        |        |        |        |        |        |        | 20.1   | 18.4   | 16.3   | 14.7   | 13.6   | 235                                                                                    |
| 240                                                                                  |             |       |        |        |        |        |        |        |        |        | 19.1   | 17.4   | 15.2   | 13.6   | 12.5   | 240                                                                                    |
| 245                                                                                  |             |       |        |        |        |        |        |        |        |        |        | 16.3   | 14.2   | 12.6   | 11.4   | 245                                                                                    |
| 250                                                                                  |             |       |        |        |        |        |        |        |        |        |        | 15.1   | 13.2   | 11.5   | 10.4   | 250                                                                                    |
| 255                                                                                  |             |       |        |        |        |        |        |        |        |        |        | 14.0   | 12.2   | 10.5   | 9.4    | 255                                                                                    |
| 260                                                                                  |             |       |        |        |        |        |        |        |        |        |        |        | 11.1   | 9.4    | 8.3    | 260                                                                                    |
| 265                                                                                  |             |       |        |        |        |        |        |        |        |        |        |        | 10.0   | 8.3    | 7.2    | 265                                                                                    |
| 270                                                                                  |             |       |        |        |        |        |        |        |        |        |        |        | 9.0    | 7.3    | 6.1    | 270                                                                                    |
| 275                                                                                  |             |       |        |        |        |        |        |        |        |        |        |        |        | 6.3    |        | 275                                                                                    |

t\_252\_004\_00101\_01\_000 - 00115\_01\_000 / 02101\_01\_000 - 02112\_01\_000 / 04101\_01\_000 - 04112\_01\_000

# Lifting heights Hauteurs de levage

SL





286,600 lb -  
374,800 lb



529,100 lb - 617,300 lb

330,700 lb - 463,000 lb

66,100 lb - 264,600 lb

| <div><div></div><div>ft</div></div> |   | SL2 118 – 433 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-------------------------------------|---|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                     |   | 118 ft        | 138 ft | 157 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft | 335 ft | 354 ft | 374 ft | 394 ft | 413 ft | 433 ft |
| 22                                  | - | 551           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                     | B | 551           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 24                                  | - | 551           | 551.0  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                     | B | 551           | 551.0  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 26                                  | - | 551           | 551.0  | 551.0  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                     | B | 551           | 551.0  | 551.0  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 28                                  | - | 551           | 551.0  | 551.0  | 530.0  |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                     | B | 551           | 551.0  | 551.0  | 551.0  |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 30                                  | - | 550           | 544.0  | 519.0  | 493.0  | 467.0  |        |        |        |        |        |        |        |        |        |        |        |        |
|                                     | B | 551           | 551.0  | 551.0  | 551.0  | 551.0  |        |        |        |        |        |        |        |        |        |        |        |        |
| 32                                  | - | 538           | 508.0  | 483.0  | 459.0  | 447.0  | 415.0  |        |        |        |        |        |        |        |        |        |        |        |
|                                     | B | 551           | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  |        |        |        |        |        |        |        |        |        |        |        |
| 34                                  | - | 500           | 474.0  | 461.0  | 439.0  | 419.0  | 401.0  | 431.0  |        |        |        |        |        |        |        |        |        |        |
|                                     | B | 551           | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  |        |        |        |        |        |        |        |        |        |        |
| 36                                  | - | 467           | 453.0  | 432.0  | 413.0  | 394.0  | 377.0  | 414.0  | 347.0  |        |        |        |        |        |        |        |        |        |
|                                     | B | 551           | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  | 503.0  |        |        |        |        |        |        |        |        |        |
| 38                                  | - | 447           | 425.0  | 407.0  | 389.0  | 373.0  | 357.0  | 391.0  | 373.0  | 316.0  |        |        |        |        |        |        |        |        |
|                                     | B | 551           | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  | 501.0  | 442.0  |        |        |        |        |        |        |        |        |
| 40                                  | - | 421           | 401.0  | 384.0  | 368.0  | 352.0  | 337.0  | 372.0  | 359.0  | 342.0  | 291.0  |        |        |        |        |        |        |        |
|                                     | B | 551           | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  | 502.0  | 441.0  | 369.0  |        |        |        |        |        |        |        |
| 45                                  | - | 366           | 350.0  | 336.0  | 323.0  | 310.0  | 297.0  | 334.0  | 323.0  | 308.0  | 299.0  | 294.0  | 268.0  |        |        |        |        |        |
|                                     | B | 551           | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  | 551.0  | 499.0  | 440.0  | 369.0  | 326.0  | 288.0  |        |        |        |        |        |
| 50                                  | - | 323           | 309.0  | 298.0  | 286.0  | 275.0  | 265.0  | 305.0  | 290.0  | 281.0  | 273.0  | 265.0  | 256.0  | 245.0  | 213.0  | 191.0  |        |        |
|                                     | B | 551           | 551.0  | 551.0  | 549.0  | 551.0  | 551.0  | 551.0  | 498.0  | 436.0  | 368.0  | 325.0  | 287.0  | 253.0  | 223.0  | 193.0  |        |        |
| 55                                  | - | 285           | 277.0  | 266.0  | 257.0  | 247.0  | 238.0  | 275.0  | 268.0  | 260.0  | 253.0  | 240.0  | 238.0  | 225.0  | 217.0  | 192.0  | 165.0  | 143.0  |
|                                     | B | 551           | 551.0  | 551.0  | 549.0  | 548.0  | 551.0  | 551.0  | 491.0  | 433.0  | 363.0  | 323.0  | 286.0  | 252.0  | 222.0  | 192.0  | 165.0  | 143.0  |
| 60                                  | - | 252           | 248.0  | 241.0  | 232.0  | 223.0  | 215.0  | 250.0  | 244.0  | 236.0  | 231.0  | 224.0  | 217.0  | 210.0  | 204.0  | 191.0  | 163.0  | 142.0  |
|                                     | B | 551           | 551.0  | 549.0  | 546.0  | 548.0  | 548.0  | 549.0  | 490.0  | 426.0  | 358.0  | 321.0  | 284.0  | 250.0  | 221.0  | 191.0  | 163.0  | 142.0  |
| 65                                  | - | 225           | 222.0  | 218.0  | 211.0  | 203.0  | 196.0  | 228.0  | 223.0  | 216.0  | 212.0  | 205.0  | 199.0  | 193.0  | 188.0  | 183.0  | 162.0  | 141.0  |
|                                     | B | 541           | 551.0  | 548.0  | 546.0  | 547.0  | 548.0  | 546.0  | 481.0  | 423.0  | 353.0  | 317.0  | 281.0  | 249.0  | 220.0  | 190.0  | 162.0  | 141.0  |
| 70                                  | - | 203           | 200.0  | 198.0  | 193.0  | 186.0  | 179.0  | 209.0  | 205.0  | 199.0  | 195.0  | 189.0  | 183.0  | 177.0  | 173.0  | 168.0  | 160.0  | 140.0  |
|                                     | B | 524           | 547.0  | 548.0  | 546.0  | 546.0  | 540.0  | 546.0  | 477.0  | 414.0  | 348.0  | 315.0  | 279.0  | 247.0  | 219.0  | 188.0  | 162.0  | 140.0  |
| 75                                  | - | 185           | 182.0  | 179.0  | 176.0  | 171.0  | 165.0  | 193.0  | 189.0  | 183.0  | 180.0  | 174.0  | 170.0  | 164.0  | 159.0  | 156.0  | 151.0  | 139.0  |
|                                     | B | 508           | 533.0  | 540.0  | 543.0  | 534.0  | 529.0  | 532.0  | 477.0  | 409.0  | 339.0  | 311.0  | 276.0  | 244.0  | 217.0  | 186.0  | 161.0  | 139.0  |
| 80                                  | - | 169           | 166.0  | 163.0  | 161.0  | 157.0  | 152.0  | 178.0  | 175.0  | 170.0  | 167.0  | 161.0  | 157.0  | 152.0  | 148.0  | 144.0  | 140.0  | 133.0  |
|                                     | B | 498           | 515.0  | 516.0  | 511.0  | 506.0  | 503.0  | 505.0  | 463.0  | 402.0  | 339.0  | 306.0  | 273.0  | 242.0  | 215.0  | 184.0  | 160.0  | 137.0  |
| 85                                  | - | 155           | 152.0  | 150.0  | 147.0  | 144.0  | 141.0  | 166.0  | 163.0  | 158.0  | 155.0  | 150.0  | 146.0  | 141.0  | 137.0  | 134.0  | 130.0  | 127.0  |
|                                     | B | 471           | 488.0  | 485.0  | 482.0  | 478.0  | 474.0  | 478.0  | 459.0  | 389.0  | 339.0  | 304.0  | 270.0  | 239.0  | 213.0  | 183.0  | 158.0  | 135.0  |
| 90                                  | - | 144           | 140.0  | 138.0  | 136.0  | 133.0  | 129.0  | 154.0  | 151.0  | 147.0  | 144.0  | 140.0  | 136.0  | 131.0  | 128.0  | 125.0  | 121.0  | 119.0  |
|                                     | B | 435           | 460.0  | 457.0  | 454.0  | 450.0  | 446.0  | 452.0  | 445.0  | 389.0  | 332.0  | 300.0  | 267.0  | 236.0  | 210.0  | 182.0  | 156.0  | 133.0  |
| 95                                  | - | 133           | 130.0  | 128.0  | 125.0  | 122.0  | 119.0  | 143.0  | 141.0  | 137.0  | 135.0  | 131.0  | 127.0  | 122.0  | 119.0  | 116.0  | 112.0  | 111.0  |
|                                     | B | 402           | 432.0  | 433.0  | 429.0  | 425.0  | 421.0  | 428.0  | 424.0  | 383.0  | 324.0  | 295.0  | 265.0  | 234.0  | 208.0  | 179.0  | 155.0  | 131.0  |
| 100                                 | - | 124           | 121.0  | 118.0  | 116.0  | 113.0  | 110.0  | 133.0  | 132.0  | 128.0  | 126.0  | 122.0  | 119.0  | 114.0  | 111.0  | 108.0  | 105.0  | 103.0  |
|                                     | B | 372           | 403.0  | 410.0  | 406.0  | 403.0  | 399.0  | 406.0  | 403.0  | 373.0  | 315.0  | 294.0  | 259.0  | 233.0  | 206.0  | 178.0  | 153.0  | 129.0  |
| 105                                 | - | 116           | 113.0  | 110.0  | 108.0  | 105.0  | 102.0  | 123.0  | 123.0  | 120.0  | 118.0  | 114.0  | 111.0  | 107.0  | 104.0  | 101.0  | 97.9   | 96.4   |
|                                     | B | 342           | 376.0  | 389.0  | 386.0  | 383.0  | 379.0  | 385.0  | 383.0  | 368.0  | 302.0  | 294.0  | 258.0  | 229.0  | 205.0  | 176.0  | 151.0  | 127.0  |
| 110                                 | - |               | 105.0  | 103.0  | 100.0  | 97.6   | 94.7   | 115.0  | 115.0  | 112.0  | 111.0  | 107.0  | 104.0  | 100.0  | 97.2   | 94.8   | 91.5   | 90.1   |
|                                     | B |               | 353.0  | 368.0  | 368.0  | 364.0  | 361.0  | 366.0  | 364.0  | 357.0  | 288.0  | 288.0  | 257.0  | 226.0  | 202.0  | 174.0  | 149.0  | 126.0  |
| 115                                 | - |               | 98.9   | 96.3   | 93.7   | 90.9   | 88.1   | 107.0  | 107.0  | 105.0  | 104.0  | 101.0  | 97.8   | 94.0   | 91.1   | 88.8   | 85.6   | 84.3   |
|                                     | B |               | 330.0  | 348.0  | 351.0  | 347.0  | 344.0  | 348.0  | 347.0  | 344.0  | 275.0  | 283.0  | 253.0  | 225.0  | 199.0  | 171.0  | 147.0  | 125.0  |
| 120                                 | - |               | 93.0   | 90.3   | 87.7   | 84.9   | 82.2   | 100.0  | 99.9   | 97.8   | 97.4   | 94.7   | 91.9   | 88.3   | 85.4   | 83.3   | 80.2   | 78.8   |
|                                     | B |               | 309.0  | 328.0  | 334.0  | 332.0  | 328.0  | 330.0  | 330.0  | 328.0  | 266.0  | 276.0  | 248.0  | 221.0  | 197.0  | 168.0  | 145.0  | 124.0  |
| 125                                 | - |               |        | 84.8   | 82.2   | 79.4   | 76.7   | 93.9   | 93.6   | 91.6   | 91.3   | 88.7   | 86.4   | 82.9   | 80.1   | 78.1   | 75.1   | 73.7   |
|                                     | B |               |        | 309.0  | 319.0  | 318.0  | 314.0  | 315.0  | 315.0  | 313.0  | 260.0  | 269.0  | 243.0  | 217.0  | 195.0  | 166.0  | 143.0  | 122.0  |
| 130                                 | - |               |        | 79.9   | 77.2   | 74.4   | 71.6   | 88.1   | 87.7   | 85.6   | 85.3   | 83.1   | 81.1   | 77.9   | 75.3   | 73.3   | 70.3   | 68.9   |
|                                     | B |               |        | 292.0  | 304.0  | 304.0  | 301.0  | 301.0  | 300.0  | 298.0  | 253.0  | 259.0  | 238.0  | 216.0  | 192.0  | 165.0  | 142.0  | 120.0  |
| 135                                 | - |               |        | 75.4   | 72.7   | 69.8   | 67.0   | 82.7   | 82.4   | 80.4   | 80.1   | 77.7   | 75.9   | 73.3   | 70.7   | 68.8   | 65.9   | 64.5   |
|                                     | B |               |        | 276.0  | 290.0  | 291.0  | 289.0  | 288.0  | 287.0  | 285.0  | 246.0  | 251.0  | 233.0  | 212.0  | 190.0  | 162.0  | 140.0  | 118.0  |
| 140                                 | - |               |        | 71.3   | 68.5   | 65.6   | 62.9   | 77.8   | 77.5   | 75.4   | 75.1   | 72.9   | 71.2   | 68.6   | 66.5   | 64.6   | 61.8   | 60.4   |
|                                     | B |               |        | 260.0  | 276.0  | 280.0  | 277.0  | 276.0  | 275.0  | 273.0  | 238.0  | 247.0  | 230.0  | 207.0  | 187.0  | 159.0  | 138.0  | 116.0  |
| 145                                 | - |               |        | 64.7   | 61.8   | 59.0   | 56.3   | 73.3   | 72.8   | 70.8   | 70.6   | 68.3   | 66.5   | 64.3   | 62.4   | 60.7   | 57.9   | 56.6   |
|                                     | B |               |        | 263.0  | 268.0  | 266.0  | 265.0  | 264.0  | 261.0  | 230.0  | 244.0  | 226.0  | 201.0  | 183.0  | 156.0  | 136.0  | 114.0  |        |
| 150                                 | - |               |        | 61.1   | 58.2   | 55.4   | 52.6   | 69.0   | 68.7   | 66.6   | 66.4   | 64.1   | 62.5   | 60.1   | 58.3   | 57.0   | 54.2   | 52.9   |
|                                     | B |               |        | 249.0  | 257.0  | 256.0  | 254.0  | 254.0  | 251.0  | 224.0  | 239.0  | 218.0  | 198.0  | 179.0  | 153.0  | 133.0  | 111.0  |        |
| 155                                 | - |               |        | 57.9   | 54.9   | 52.0   | 49.2   | 65.1   | 64.8   | 62.6   | 62.4   | 60.1   | 58.4   | 56.2   | 54.6   | 53.2   | 50.9   | 49.6   |
|                                     | B |               |        | 235.0  | 246.0  | 246.0  | 244.0  | 244.0  | 241.0  | 221.0  | 234.0  | 212.0  | 195.0  | 177.0  | 149.0  | 131.0  | 110.0  |        |
| 160                                 | - |               |        |        | 51.8   | 48.9   | 46.1   | 61.4   | 61.1   | 59.1   | 58.8   | 56.5   | 54.9   | 52.6   | 50.9   | 49.8   | 47.6   | 46.5   |
|                                     | B |               |        |        | 235.   |        |        |        |        |        |        |        |        |        |        |        |        |        |



286,600 lb -  
374,800 lb



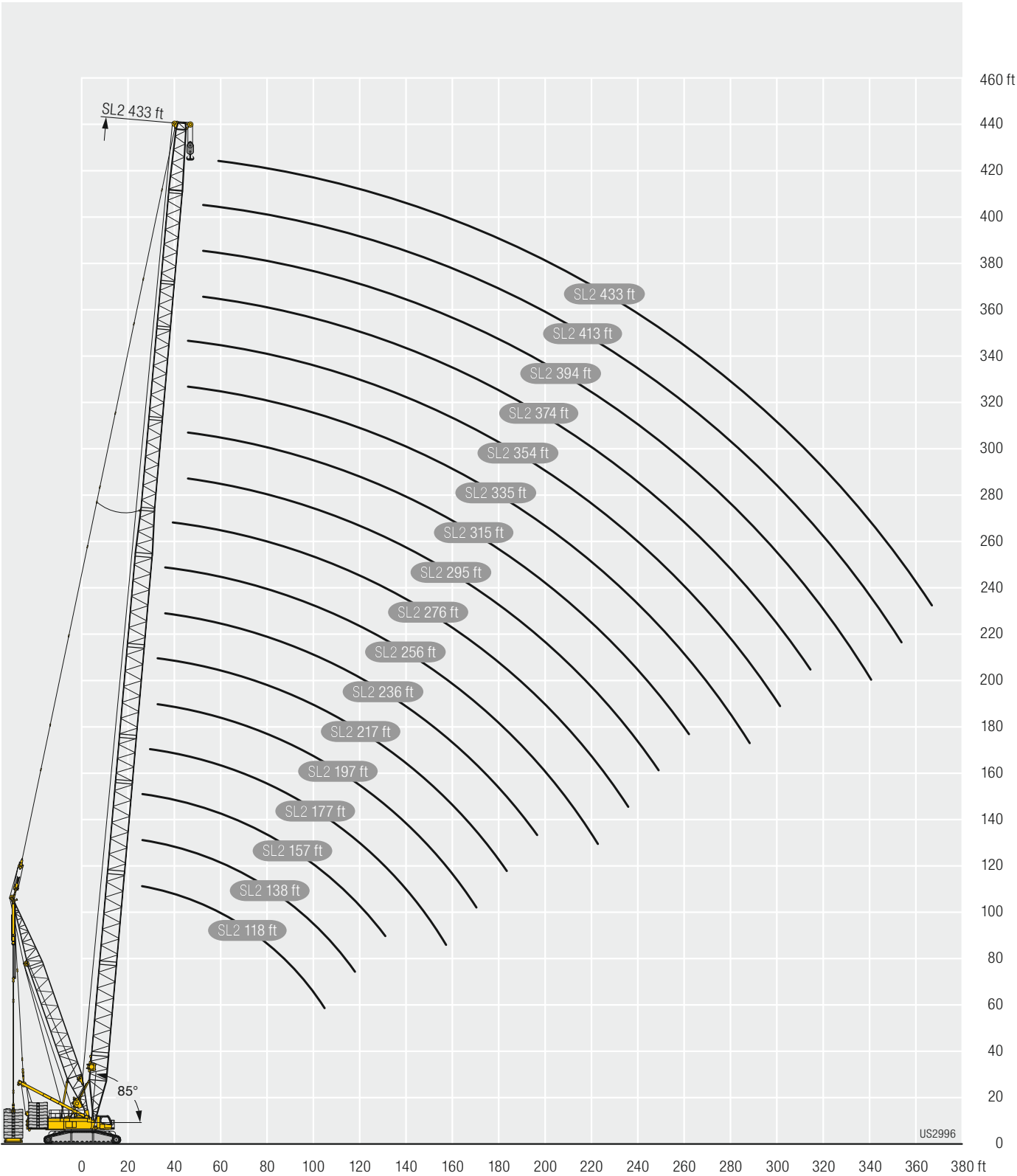
529,100 lb - 617,300 lb  
330,700 lb - 463,000 lb  
66,100 lb - 264,600 lb

|     |     | SL2 118 - 433 |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-----|-----|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ft  |     | 118 ft        | 138 ft | 157 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft | 335 ft | 354 ft | 374 ft |
| 185 | - B |               |        |        |        |        | 36.5   | 46.6   | 46.1   | 44.0   | 43.7   | 41.4   | 39.8   | 37.5   | 35.9   |
|     | -   |               |        |        |        |        | 190.0  | 195.0  | 196.0  | 194.0  | 194.0  | 193.0  | 190.0  | 174.0  | 158.0  |
| 190 | - B |               |        |        |        |        | 34.5   | 44.2   | 43.7   | 41.5   | 41.2   | 39.0   | 37.3   | 35.1   | 33.5   |
|     | -   |               |        |        |        |        | 182.0  | 188.0  | 189.0  | 188.0  | 188.0  | 186.0  | 184.0  | 172.0  | 155.0  |
| 195 | - B |               |        |        |        |        | 41.9   | 41.4   | 39.2   | 38.9   | 36.6   | 34.9   | 32.7   | 31.0   | 30.0   |
|     | -   |               |        |        |        |        | 181.0  | 183.0  | 181.0  | 182.0  | 180.0  | 178.0  | 169.0  | 152.0  | 126.0  |
| 200 | - B |               |        |        |        |        | 39.8   | 39.2   | 37.0   | 36.7   | 34.4   | 32.7   | 30.5   | 28.9   | 27.8   |
|     | -   |               |        |        |        |        | 174.0  | 177.0  | 175.0  | 176.0  | 174.0  | 173.0  | 166.0  | 150.0  | 125.0  |
| 205 | - B |               |        |        |        |        | 37.9   | 37.2   | 34.9   | 34.6   | 32.3   | 30.6   | 28.3   | 26.8   | 25.6   |
|     | -   |               |        |        |        |        | 166.0  | 172.0  | 170.0  | 171.0  | 169.0  | 168.0  | 163.0  | 148.0  | 123.0  |
| 210 | - B |               |        |        |        |        |        | 35.3   | 33.0   | 32.6   | 30.2   | 28.6   | 26.4   | 24.8   | 23.8   |
|     | -   |               |        |        |        |        |        | 166.0  | 164.0  | 165.0  | 163.0  | 162.0  | 159.0  | 146.0  | 120.0  |
| 215 | - B |               |        |        |        |        |        | 33.5   | 31.1   | 30.7   | 28.4   | 26.7   | 24.4   | 22.9   | 21.9   |
|     | -   |               |        |        |        |        |        | 161.0  | 159.0  | 160.0  | 158.0  | 157.0  | 155.0  | 143.0  | 117.0  |
| 220 | - B |               |        |        |        |        |        | 31.8   | 29.3   | 28.9   | 26.6   | 24.9   | 22.7   | 21.2   | 20.3   |
|     | -   |               |        |        |        |        |        | 155.0  | 153.0  | 155.0  | 154.0  | 152.0  | 150.0  | 141.0  | 115.0  |
| 225 | - B |               |        |        |        |        |        | 27.7   | 27.3   | 24.9   | 23.2   | 21.2   | 19.8   | 18.9   | 17.3   |
|     | -   |               |        |        |        |        |        | 148.0  | 150.0  | 149.0  | 147.0  | 145.0  | 138.0  | 113.0  | 105.0  |
| 230 | - B |               |        |        |        |        |        | 26.1   | 25.7   | 23.3   | 21.7   | 19.7   | 18.4   | 17.4   | 15.9   |
|     | -   |               |        |        |        |        |        | 143.0  | 145.0  | 144.0  | 143.0  | 141.0  | 135.0  | 111.0  | 103.0  |
| 235 | - B |               |        |        |        |        |        | 24.7   | 24.2   | 21.8   | 20.3   | 18.4   | 17.0   | 16.1   | 14.6   |
|     | -   |               |        |        |        |        |        | 138.0  | 141.0  | 140.0  | 139.0  | 137.0  | 132.0  | 110.0  | 101.0  |
| 240 | - B |               |        |        |        |        |        | 23.3   | 22.7   | 20.6   | 19.1   | 17.2   | 15.8   | 14.8   | 13.2   |
|     | -   |               |        |        |        |        |        | 132.0  | 136.0  | 136.0  | 135.0  | 133.0  | 129.0  | 108.0  | 99.1   |
| 245 | - B |               |        |        |        |        |        |        | 21.5   | 19.4   | 17.9   | 15.9   | 14.6   | 13.7   | 11.8   |
|     | -   |               |        |        |        |        |        |        | 132.0  | 132.0  | 130.0  | 129.0  | 126.0  | 107.0  | 98.1   |
| 250 | - B |               |        |        |        |        |        |        | 20.4   | 18.2   | 16.7   | 14.8   | 13.4   | 12.5   | 10.4   |
|     | -   |               |        |        |        |        |        |        | 128.0  | 128.0  | 126.0  | 126.0  | 122.0  | 105.0  | 97.2   |
| 255 | - B |               |        |        |        |        |        |        | 19.4   | 17.2   | 15.7   | 13.6   | 12.3   | 11.3   | 8.6    |
|     | -   |               |        |        |        |        |        |        | 124.0  | 123.0  | 121.0  | 122.0  | 119.0  | 104.0  | 96.1   |
| 260 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 265 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 270 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 275 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 280 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 285 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 290 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 295 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 300 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 305 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 310 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 315 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 320 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 325 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 330 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 335 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 340 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 345 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 350 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 355 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 360 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 365 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 370 | - B |               |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     | -   |               |        |        |        |        |        |        |        |        |        |        |        |        |        |



# Lifting heights Hauteurs de levage

SL2DB



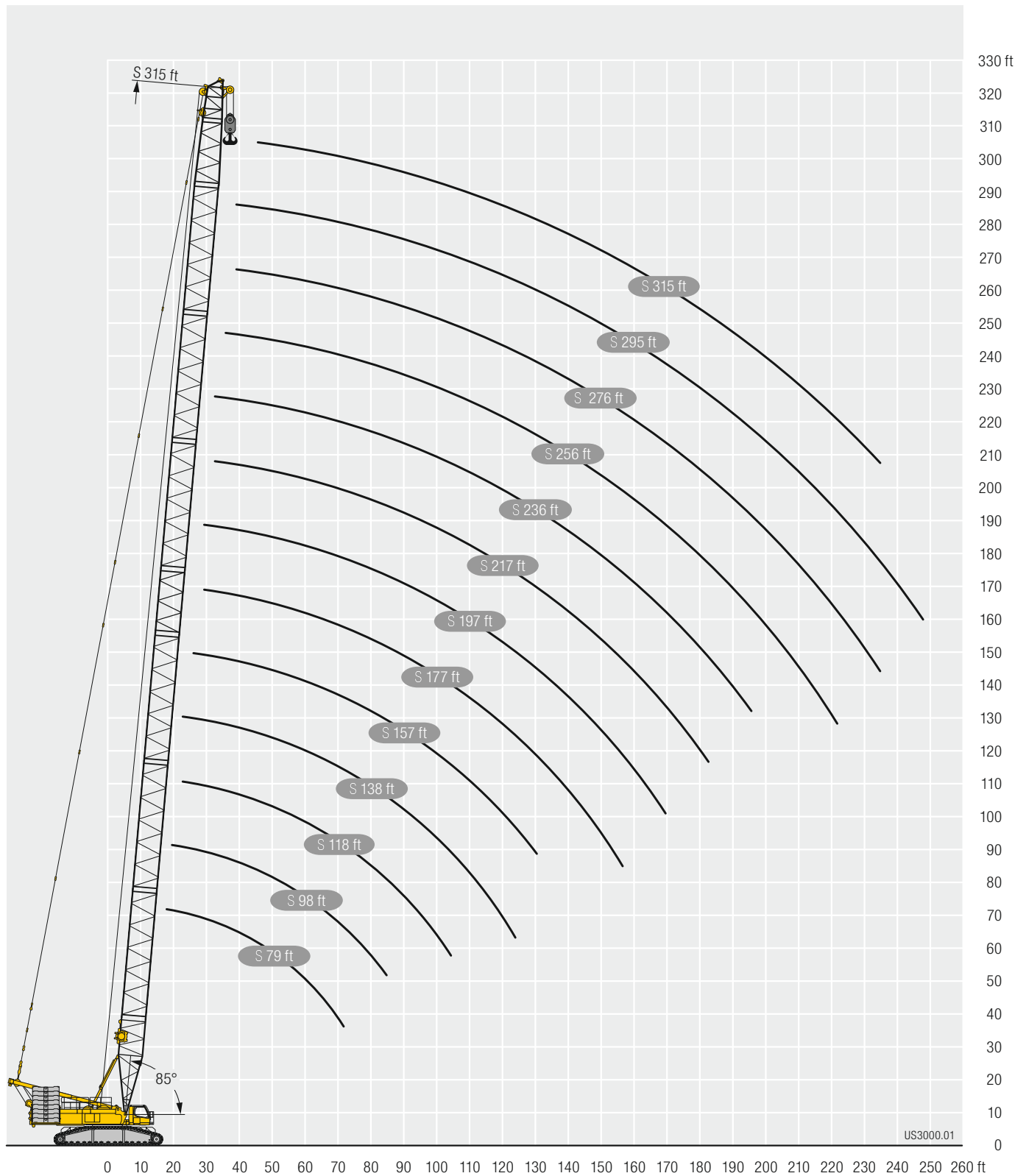


|  ft               | S 79 – 315 |       |        |        |        |        |        |        |        |        |        |        |        |  ft |
|---------------------------------------------------------------------------------------------------|------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------------------------------------------------------------------------|
|                                                                                                   | 79 ft      | 98 ft | 118 ft | 138 ft | 157 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft |                                                                                        |
| 17                                                                                                | 882        |       |        |        |        |        |        |        |        |        |        |        |        | 17                                                                                     |
| 18                                                                                                | 882        |       |        |        |        |        |        |        |        |        |        |        |        | 18                                                                                     |
| 19                                                                                                | 882        | 875   |        |        |        |        |        |        |        |        |        |        |        | 19                                                                                     |
| 20                                                                                                | 871        | 858   |        |        |        |        |        |        |        |        |        |        |        | 20                                                                                     |
| 22                                                                                                | 822        | 816   | 811    |        |        |        |        |        |        |        |        |        |        | 22                                                                                     |
| 24                                                                                                | 763        | 753   | 767    | 750.0  |        |        |        |        |        |        |        |        |        | 24                                                                                     |
| 26                                                                                                | 705        | 720   | 713    | 683.0  | 641.0  |        |        |        |        |        |        |        |        | 26                                                                                     |
| 28                                                                                                | 677        | 672   | 662    | 626.0  | 590.0  | 557.0  |        |        |        |        |        |        |        | 28                                                                                     |
| 30                                                                                                | 632        | 625   | 611    | 577.0  | 545.0  | 517.0  | 491.0  |        |        |        |        |        |        | 30                                                                                     |
| 32                                                                                                | 593        | 584   | 564    | 534.0  | 506.0  | 482.0  | 459.0  | 438.0  |        |        |        |        |        | 32                                                                                     |
| 34                                                                                                | 558        | 545   | 524    | 497.0  | 473.0  | 451.0  | 429.0  | 412.0  | 394.0  |        |        |        |        | 34                                                                                     |
| 36                                                                                                | 527        | 512   | 489    | 465.0  | 443.0  | 423.0  | 405.0  | 387.0  | 372.0  | 355.0  |        |        |        | 36                                                                                     |
| 38                                                                                                | 498        | 482   | 458    | 436.0  | 417.0  | 398.0  | 381.0  | 366.0  | 351.0  | 337.0  | 324.0  |        |        | 38                                                                                     |
| 40                                                                                                | 469        | 452   | 431    | 411.0  | 392.0  | 376.0  | 360.0  | 346.0  | 333.0  | 319.0  | 308.0  | 282.0  |        | 40                                                                                     |
| 45                                                                                                | 396        | 391   | 373    | 357.0  | 343.0  | 329.0  | 316.0  | 305.0  | 294.0  | 282.0  | 273.0  | 261.0  | 214.0  | 45                                                                                     |
| 50                                                                                                | 338        | 335   | 329    | 315.0  | 303.0  | 291.0  | 281.0  | 271.0  | 261.0  | 251.0  | 244.0  | 235.0  | 197.0  | 50                                                                                     |
| 55                                                                                                | 295        | 291   | 290    | 281.0  | 271.0  | 261.0  | 251.0  | 243.0  | 235.0  | 226.0  | 219.0  | 211.0  | 182.0  | 55                                                                                     |
| 60                                                                                                | 260        | 257   | 255    | 252.0  | 244.0  | 235.0  | 227.0  | 220.0  | 212.0  | 204.0  | 199.0  | 191.0  | 170.0  | 60                                                                                     |
| 65                                                                                                | 232        | 230   | 227    | 224.0  | 221.0  | 214.0  | 206.0  | 200.0  | 193.0  | 186.0  | 181.0  | 174.0  | 158.0  | 65                                                                                     |
| 70                                                                                                | 210        | 206   | 204    | 202.0  | 200.0  | 195.0  | 188.0  | 183.0  | 176.0  | 170.0  | 165.0  | 159.0  | 147.0  | 70                                                                                     |
| 75                                                                                                |            | 188   | 185    | 183.0  | 180.0  | 178.0  | 173.0  | 168.0  | 162.0  | 156.0  | 152.0  | 146.0  | 137.0  | 75                                                                                     |
| 80                                                                                                |            | 171   | 169    | 166.0  | 164.0  | 162.0  | 159.0  | 155.0  | 149.0  | 143.0  | 140.0  | 134.0  | 127.0  | 80                                                                                     |
| 85                                                                                                |            | 157   | 155    | 153.0  | 150.0  | 148.0  | 146.0  | 143.0  | 138.0  | 132.0  | 129.0  | 124.0  | 118.0  | 85                                                                                     |
| 90                                                                                                |            | 145   | 142    | 141.0  | 138.0  | 136.0  | 133.0  | 132.0  | 128.0  | 123.0  | 119.0  | 114.0  | 110.0  | 90                                                                                     |
| 95                                                                                                |            |       | 132    | 129.0  | 128.0  | 125.0  | 123.0  | 121.0  | 118.0  | 114.0  | 111.0  | 106.0  | 103.0  | 95                                                                                     |
| 100                                                                                               |            |       | 123    | 120.0  | 118.0  | 116.0  | 114.0  | 112.0  | 110.0  | 106.0  | 103.0  | 98.3   | 95.8   | 100                                                                                    |
| 105                                                                                               |            |       | 114    | 111.0  | 109.0  | 107.0  | 105.0  | 103.0  | 101.0  | 98.0   | 95.6   | 91.3   | 89.0   | 105                                                                                    |
| 110                                                                                               |            |       |        | 104.0  | 102.0  | 99.8   | 97.5   | 95.9   | 93.6   | 90.8   | 89.1   | 84.9   | 82.7   | 110                                                                                    |
| 115                                                                                               |            |       |        | 97.4   | 95.2   | 93.0   | 90.6   | 89.1   | 86.7   | 83.9   | 82.7   | 79.3   | 76.9   | 115                                                                                    |
| 120                                                                                               |            |       |        | 91.2   | 89.0   | 86.8   | 84.4   | 82.9   | 80.5   | 77.8   | 76.5   | 73.6   | 71.7   | 120                                                                                    |
| 125                                                                                               |            |       |        |        | 83.5   | 81.2   | 78.7   | 77.2   | 74.9   | 72.2   | 71.0   | 68.4   | 66.8   | 125                                                                                    |
| 130                                                                                               |            |       |        |        | 78.3   | 75.9   | 73.6   | 72.1   | 69.8   | 66.9   | 65.7   | 63.1   | 62.0   | 130                                                                                    |
| 135                                                                                               |            |       |        |        | 73.7   | 71.3   | 68.9   | 67.4   | 65.0   | 62.3   | 61.1   | 58.6   | 57.4   | 135                                                                                    |
| 140                                                                                               |            |       |        |        | 69.5   | 66.9   | 64.6   | 63.1   | 60.7   | 58.0   | 56.7   | 54.1   | 53.1   | 140                                                                                    |
| 145                                                                                               |            |       |        |        |        | 62.9   | 60.6   | 59.1   | 56.7   | 53.9   | 52.7   | 50.2   | 49.1   | 145                                                                                    |
| 150                                                                                               |            |       |        |        |        | 59.3   | 56.9   | 55.3   | 52.9   | 50.2   | 49.0   | 46.4   | 45.4   | 150                                                                                    |
| 155                                                                                               |            |       |        |        |        | 55.9   | 53.5   | 51.9   | 49.5   | 46.8   | 45.5   | 43.0   | 41.9   | 155                                                                                    |
| 160                                                                                               |            |       |        |        |        |        | 50.3   | 48.7   | 46.2   | 43.5   | 42.3   | 39.8   | 38.7   | 160                                                                                    |
| 165                                                                                               |            |       |        |        |        |        | 47.4   | 45.7   | 43.3   | 40.5   | 39.3   | 36.7   | 35.7   | 165                                                                                    |
| 170                                                                                               |            |       |        |        |        |        | 44.6   | 43.0   | 40.5   | 37.8   | 36.5   | 34.0   | 32.9   | 170                                                                                    |
| 175                                                                                               |            |       |        |        |        |        |        | 40.4   | 37.9   | 35.1   | 33.9   | 31.3   | 30.2   | 175                                                                                    |
| 180                                                                                               |            |       |        |        |        |        |        | 38.0   | 35.4   | 32.6   | 31.4   | 28.8   | 27.8   | 180                                                                                    |
| 185                                                                                               |            |       |        |        |        |        |        | 35.8   | 33.1   | 30.4   | 29.0   | 26.5   | 25.4   | 185                                                                                    |
| 190                                                                                               |            |       |        |        |        |        |        | 33.7   | 31.0   | 28.2   | 26.9   | 24.3   | 23.3   | 190                                                                                    |
| 195                                                                                               |            |       |        |        |        |        |        |        | 29.0   | 26.2   | 24.8   | 22.4   | 21.3   | 195                                                                                    |
| 200                                                                                               |            |       |        |        |        |        |        |        | 27.1   | 24.3   | 22.8   | 20.6   | 19.6   | 200                                                                                    |
| 205                                                                                               |            |       |        |        |        |        |        |        | 25.4   | 22.5   | 21.2   | 19.0   | 18.0   | 205                                                                                    |
| 210                                                                                               |            |       |        |        |        |        |        |        |        | 21.0   | 19.7   | 17.5   | 16.5   | 210                                                                                    |
| 215                                                                                               |            |       |        |        |        |        |        |        |        | 19.5   | 18.3   | 16.1   | 15.1   | 215                                                                                    |
| 220                                                                                               |            |       |        |        |        |        |        |        |        | 18.0   | 17.0   | 14.8   | 13.8   | 220                                                                                    |
| 225                                                                                               |            |       |        |        |        |        |        |        |        |        | 15.8   | 13.4   | 12.4   | 225                                                                                    |
| 230                                                                                               |            |       |        |        |        |        |        |        |        |        | 14.4   | 12.0   | 11.0   | 230                                                                                    |
| 235                                                                                               |            |       |        |        |        |        |        |        |        |        | 13.0   | 10.5   | 9.5    | 235                                                                                    |
| 240                                                                                               |            |       |        |        |        |        |        |        |        |        | 11.7   | 9.2    | 8.1    | 240                                                                                    |
| 245                                                                                               |            |       |        |        |        |        |        |        |        |        |        | 7.9    | 6.8    | 245                                                                                    |
| 250                                                                                               |            |       |        |        |        |        |        |        |        |        |        | 6.7    | 5.5    | 250                                                                                    |
| 255                                                                                               |            |       |        |        |        |        |        |        |        |        |        | 5.5    |        | 255                                                                                    |
| t_252_037_00101_01_000 – 00113_01_000 / 02101_01_000 – 02110_01_000 / 04101_01_000 – 04110_01_000 |            |       |        |        |        |        |        |        |        |        |        |        |        |                                                                                        |

t\_252\_037\_00101\_01\_000 - 00113\_01\_000 / 02101\_01\_000 - 02110\_01\_000 / 04101\_01\_000 - 04110\_01\_000

# Lifting heights Hauteurs de levage

**S**





286,600 lb -  
374,800 lb



529,100 lb - 617,300 lb  
330,700 lb - 463,000 lb  
66,100 lb - 264,600 lb

| <div><div><div></div></div><div>ft</div></div> |       | S 118 – 374 |                |                |                |                |                |                |                |                |                |                |                |                |                |
|------------------------------------------------|-------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                                |       | 118 ft      | 138 ft         | 157 ft         | 177 ft         | 197 ft         | 217 ft         | 236 ft         | 256 ft         | 276 ft         | 295 ft         | 315 ft         | 335 ft         | 354 ft         | 374 ft         |
| 24                                             | - SDB | 755<br>882  |                |                |                |                |                |                |                |                |                |                |                |                |                |
| 26                                             | - SDB | 685<br>882  | 640.0<br>882.0 |                |                |                |                |                |                |                |                |                |                |                |                |
| 28                                             | - SDB | 624<br>882  | 599.0<br>882.0 | 565.0<br>882.0 |                |                |                |                |                |                |                |                |                |                |                |
| 30                                             | - SDB | 586<br>882  | 552.0<br>878.0 | 522.0<br>882.0 | 496.0<br>818.0 |                |                |                |                |                |                |                |                |                |                |
| 32                                             | - SDB | 541<br>882  | 511.0<br>878.0 | 484.0<br>876.0 | 461.0<br>818.0 | 498.0<br>755.0 |                |                |                |                |                |                |                |                |                |
| 34                                             | - SDB | 502<br>882  | 475.0<br>874.0 | 452.0<br>876.0 | 431.0<br>816.0 | 472.0<br>755.0 | 447.0<br>659.0 |                |                |                |                |                |                |                |                |
| 36                                             | - SDB | 468<br>882  | 444.0<br>874.0 | 424.0<br>876.0 | 404.0<br>814.0 | 445.0<br>754.0 | 427.0<br>659.0 | 404.0<br>583.0 |                |                |                |                |                |                |                |
| 38                                             | - SDB | 439<br>882  | 417.0<br>874.0 | 398.0<br>867.0 | 380.0<br>814.0 | 419.0<br>750.0 | 404.0<br>659.0 | 387.0<br>583.0 | 372.0<br>508.0 |                |                |                |                |                |                |
| 40                                             | - SDB | 412<br>882  | 392.0<br>868.0 | 374.0<br>850.0 | 359.0<br>812.0 | 402.0<br>750.0 | 387.0<br>655.0 | 367.0<br>582.0 | 359.0<br>508.0 | 341.0<br>445.0 |                |                |                |                |                |
| 45                                             | - SDB | 357<br>831  | 341.0<br>809.0 | 326.0<br>822.0 | 314.0<br>786.0 | 361.0<br>742.0 | 342.0<br>654.0 | 336.0<br>577.0 | 324.0<br>503.0 | 307.0<br>443.0 | 296.0<br>383.0 | 282.0<br>333.0 | 276.0<br>295.0 |                |                |
| 50                                             | - SDB | 314<br>794  | 300.0<br>790.0 | 288.0<br>772.0 | 277.0<br>743.0 | 320.0<br>714.0 | 311.0<br>651.0 | 300.0<br>570.0 | 289.0<br>500.0 | 281.0<br>438.0 | 272.0<br>381.0 | 257.0<br>328.0 | 254.0<br>294.0 | 246.0<br>256.0 | 217.0<br>221.0 |
| 55                                             | - SDB | 278<br>732  | 267.0<br>730.0 | 257.0<br>718.0 | 248.0<br>703.0 | 287.0<br>700.0 | 279.0<br>651.0 | 270.0<br>566.0 | 261.0<br>492.0 | 254.0<br>437.0 | 246.0<br>376.0 | 238.0<br>324.0 | 230.0<br>293.0 | 223.0<br>255.0 | 214.0<br>220.0 |
| 60                                             | - SDB | 245<br>683  | 240.0<br>675.0 | 231.0<br>666.0 | 223.0<br>659.0 | 260.0<br>675.0 | 253.0<br>632.0 | 245.0<br>562.0 | 237.0<br>492.0 | 230.0<br>429.0 | 223.0<br>372.0 | 216.0<br>319.0 | 209.0<br>292.0 | 203.0<br>254.0 | 196.0<br>219.0 |
| 65                                             | - SDB | 217<br>637  | 215.0<br>630.0 | 210.0<br>619.0 | 202.0<br>615.0 | 236.0<br>632.0 | 230.0<br>615.0 | 223.0<br>550.0 | 216.0<br>485.0 | 210.0<br>428.0 | 204.0<br>366.0 | 198.0<br>313.0 | 191.0<br>292.0 | 185.0<br>253.0 | 179.0<br>218.0 |
| 70                                             | - SDB | 196<br>591  | 192.0<br>587.0 | 190.0<br>579.0 | 184.0<br>575.0 | 216.0<br>587.0 | 211.0<br>581.0 | 204.0<br>550.0 | 198.0<br>477.0 | 193.0<br>421.0 | 187.0<br>360.0 | 181.0<br>307.0 | 175.0<br>289.0 | 170.0<br>251.0 | 164.0<br>217.0 |
| 75                                             | - SDB | 177<br>549  | 174.0<br>547.0 | 171.0<br>543.0 | 168.0<br>538.0 | 199.0<br>549.0 | 194.0<br>544.0 | 188.0<br>532.0 | 182.0<br>477.0 | 177.0<br>416.0 | 172.0<br>351.0 | 167.0<br>301.0 | 161.0<br>288.0 | 156.0<br>249.0 | 151.0<br>215.0 |
| 80                                             | - SDB | 162<br>508  | 158.0<br>511.0 | 156.0<br>509.0 | 153.0<br>504.0 | 183.0<br>515.0 | 179.0<br>510.0 | 173.0<br>502.0 | 168.0<br>467.0 | 164.0<br>411.0 | 159.0<br>345.0 | 154.0<br>294.0 | 148.0<br>286.0 | 144.0<br>248.0 | 139.0<br>213.0 |
| 85                                             | - SDB | 148<br>469  | 145.0<br>481.0 | 142.0<br>477.0 | 140.0<br>474.0 | 169.0<br>483.0 | 166.0<br>481.0 | 160.0<br>474.0 | 155.0<br>455.0 | 151.0<br>398.0 | 147.0<br>338.0 | 143.0<br>286.0 | 137.0<br>281.0 | 133.0<br>247.0 | 129.0<br>211.0 |
| 90                                             | - SDB | 136<br>433  | 133.0<br>453.0 | 130.0<br>449.0 | 128.0<br>446.0 | 155.0<br>454.0 | 154.0<br>453.0 | 149.0<br>448.0 | 144.0<br>439.0 | 141.0<br>395.0 | 136.0<br>328.0 | 132.0<br>279.0 | 127.0<br>278.0 | 123.0<br>244.0 | 119.0<br>209.0 |
| 95                                             | - SDB | 126<br>400  | 123.0<br>426.0 | 120.0<br>425.0 | 118.0<br>421.0 | 143.0<br>430.0 | 142.0<br>428.0 | 139.0<br>424.0 | 134.0<br>418.0 | 131.0<br>391.0 | 127.0<br>324.0 | 123.0<br>273.0 | 118.0<br>275.0 | 115.0<br>242.0 | 110.0<br>207.0 |
| 100                                            | - SDB | 117<br>368  | 114.0<br>398.0 | 111.0<br>402.0 | 108.0<br>398.0 | 132.0<br>407.0 | 131.0<br>404.0 | 129.0<br>402.0 | 125.0<br>397.0 | 122.0<br>380.0 | 118.0<br>321.0 | 115.0<br>268.0 | 110.0<br>270.0 | 107.0<br>241.0 | 102.0<br>205.0 |
| 105                                            | - SDB | 109<br>337  | 106.0<br>370.0 | 103.0<br>381.0 | 100.0<br>378.0 | 123.0<br>385.0 | 122.0<br>383.0 | 119.0<br>381.0 | 117.0<br>377.0 | 114.0<br>367.0 | 110.0<br>313.0 | 107.0<br>263.0 | 102.0<br>266.0 | 99.1<br>238.0  | 95.3<br>204.0  |
| 110                                            | - SDB |             | 98.4<br>346.0  | 95.3<br>362.0  | 92.8<br>360.0  | 114.0<br>365.0 | 113.0<br>364.0 | 111.0<br>362.0 | 109.0<br>359.0 | 107.0<br>354.0 | 103.0<br>311.0 | 99.7<br>259.0  | 95.3<br>263.0  | 92.3<br>234.0  | 88.6<br>202.0  |
| 115                                            | - SDB |             | 91.9<br>323.0  | 88.8<br>343.0  | 86.2<br>343.0  | 106.0<br>346.0 | 105.0<br>345.0 | 103.0<br>343.0 | 101.0<br>341.0 | 99.5<br>339.0  | 96.4<br>307.0  | 93.2<br>256.0  | 88.8<br>257.0  | 86.0<br>231.0  | 82.4<br>201.0  |
| 120                                            | - SDB |             | 86.1<br>302.0  | 83.0<br>324.0  | 80.3<br>327.0  | 99.3<br>329.0  | 98.3<br>328.0  | 95.9<br>326.0  | 93.8<br>325.0  | 92.6<br>323.0  | 90.1<br>303.0  | 87.3<br>254.0  | 82.9<br>249.0  | 80.2<br>228.0  | 76.7<br>200.0  |
| 125                                            | - SDB |             |                | 77.6<br>305.0  | 74.8<br>313.0  | 92.8<br>314.0  | 91.8<br>313.0  | 89.6<br>311.0  | 87.4<br>309.0  | 86.3<br>308.0  | 84.2<br>296.0  | 81.7<br>250.0  | 77.5<br>245.0  | 74.8<br>224.0  | 71.4<br>200.0  |
| 130                                            | - SDB |             |                | 72.7<br>287.0  | 69.9<br>299.0  | 87.0<br>299.0  | 85.9<br>299.0  | 83.8<br>297.0  | 81.4<br>295.0  | 80.3<br>294.0  | 78.3<br>289.0  | 76.4<br>246.0  | 72.6<br>239.0  | 69.9<br>223.0  | 66.5<br>197.0  |
| 135                                            | - SDB |             |                | 68.4<br>270.0  | 65.4<br>285.0  | 81.7<br>286.0  | 80.6<br>286.0  | 78.3<br>283.0  | 76.2<br>281.0  | 75.1<br>281.0  | 73.1<br>278.0  | 71.3<br>241.0  | 67.6<br>233.0  | 65.4<br>219.0  | 62.0<br>195.0  |
| 140                                            | - SDB |             |                | 64.4<br>254.0  | 61.3<br>270.0  | 76.9<br>274.0  | 75.7<br>274.0  | 73.4<br>272.0  | 71.2<br>269.0  | 70.0<br>268.0  | 68.1<br>266.0  | 66.5<br>235.0  | 63.3<br>226.0  | 61.0<br>215.0  | 57.7<br>192.0  |
| 145                                            | - SDB |             |                |                | 57.5<br>255.0  | 72.4<br>262.0  | 71.2<br>262.0  | 68.9<br>261.0  | 66.5<br>258.0  | 65.5<br>256.0  | 63.6<br>255.0  | 61.9<br>228.0  | 59.0<br>220.0  | 56.9<br>210.0  | 53.8<br>189.0  |
| 150                                            | - SDB |             |                |                | 54.1<br>241.0  | 68.2<br>252.0  | 66.9<br>251.0  | 64.6<br>250.0  | 62.4<br>247.0  | 61.3<br>246.0  | 59.3<br>244.0  | 57.7<br>222.0  | 55.0<br>217.0  | 53.1<br>207.0  | 49.9<br>187.0  |
| 155                                            | - SDB |             |                |                | 50.9<br>228.0  | 64.4<br>241.0  | 63.0<br>242.0  | 60.7<br>240.0  | 58.5<br>238.0  | 57.2<br>236.0  | 55.3<br>234.0  | 53.8<br>215.0  | 51.0<br>213.0  | 49.4<br>205.0  | 46.5<br>185.0  |
| 160                                            | - SDB |             |                |                |                | 60.8<br>230.0  | 59.4<br>232.0  | 57.0<br>230.0  | 54.7<br>229.0  | 53.6<br>227.0  | 51.7<br>225.0  | 50.1<br>209.0  | 47.4<br>209.0  | 45.9<br>201.0  | 43.1<br>183.0  |
| 165                                            | - SDB |             |                |                |                | 57.6<br>219.0  | 56.1<br>224.0  | 53.7<br>222.0  | 51.3<br>220.0  | 50.2<br>219.0  | 48.2<br>216.0  | 46.6<br>203.0  | 43.9<br>205.0  | 42.3<br>197.0  | 39.9<br>180.0  |

t\_252\_002\_0001\_00\_000 - 00014\_00\_000



286,600 lb -  
374,800 lb



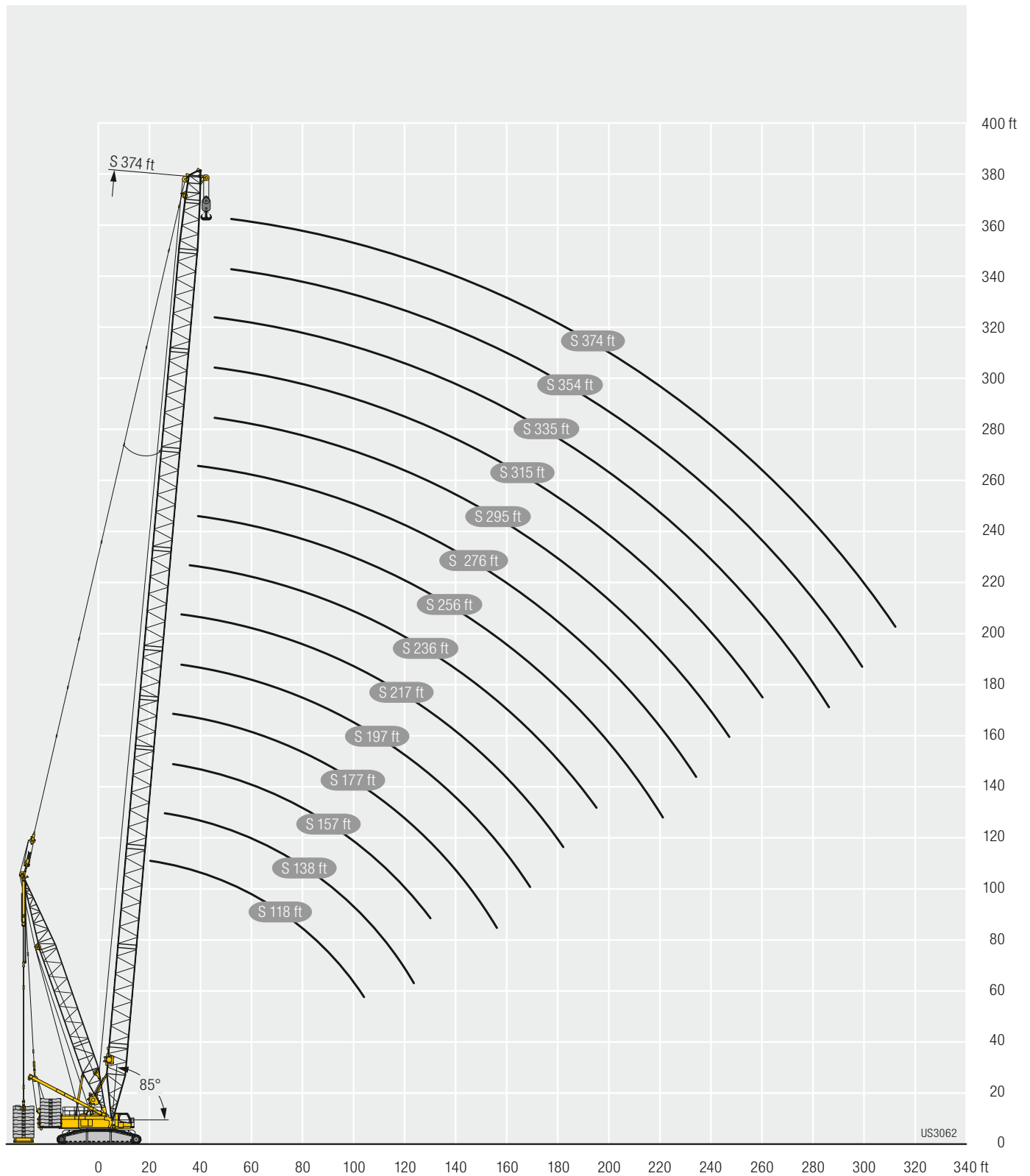
529,100 lb - 617,300 lb  
330,700 lb - 463,000 lb  
66,100 lb - 264,600 lb

| <div><div><div></div></div><div>ft</div></div> |       | S 118 – 374 |        |        |        |        |        |        |        |        |        |        |        |        |        |
|------------------------------------------------|-------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                                |       | 118 ft      | 138 ft | 157 ft | 177 ft | 197 ft | 217 ft | 236 ft | 256 ft | 276 ft | 295 ft | 315 ft | 335 ft | 354 ft | 374 ft |
| 170                                            | - SDB |             |        |        |        | 54.6   | 52.9   | 50.5   | 48.2   | 47.0   | 45.0   | 43.5   | 40.7   | 39.3   | 36.9   |
|                                                | -     |             |        |        |        | 207.0  | 215.0  | 214.0  | 211.0  | 211.0  | 208.0  | 197.0  | 200.0  | 192.0  | 177.0  |
| 175                                            | - SDB |             |        |        |        |        | 50.1   | 47.6   | 45.2   | 44.0   | 42.0   | 40.4   | 37.7   | 36.2   | 33.9   |
|                                                | -     |             |        |        |        |        | 207.0  | 206.0  | 204.0  | 203.0  | 201.0  | 191.0  | 196.0  | 188.0  | 174.0  |
| 180                                            | - SDB |             |        |        |        |        | 47.4   | 44.8   | 42.3   | 41.2   | 39.2   | 37.6   | 34.9   | 33.4   | 31.2   |
|                                                | -     |             |        |        |        |        | 197.0  | 199.0  | 197.0  | 196.0  | 194.0  | 185.0  | 190.0  | 184.0  | 170.0  |
| 185                                            | - SDB |             |        |        |        |        | 44.8   | 42.2   | 39.8   | 38.5   | 36.5   | 34.9   | 32.2   | 30.7   | 28.4   |
|                                                | -     |             |        |        |        |        | 187.0  | 192.0  | 189.0  | 189.0  | 187.0  | 179.0  | 184.0  | 179.0  | 167.0  |
| 190                                            | - SDB |             |        |        |        |        | 42.5   | 39.8   | 37.3   | 36.0   | 34.0   | 32.4   | 29.8   | 28.2   | 26.0   |
|                                                | -     |             |        |        |        |        | 179.0  | 185.0  | 183.0  | 182.0  | 180.0  | 174.0  | 177.0  | 174.0  | 163.0  |
| 195                                            | - SDB |             |        |        |        |        |        | 37.5   | 35.0   | 33.7   | 31.6   | 30.0   | 27.4   | 25.9   | 23.6   |
|                                                | -     |             |        |        |        |        |        | 178.0  | 177.0  | 176.0  | 174.0  | 169.0  | 171.0  | 169.0  | 159.0  |
| 200                                            | - SDB |             |        |        |        |        |        | 35.4   | 32.8   | 31.4   | 29.4   | 27.8   | 25.1   | 23.7   | 21.6   |
|                                                | -     |             |        |        |        |        |        | 171.0  | 171.0  | 170.0  | 168.0  | 165.0  | 166.0  | 164.0  | 155.0  |
| 205                                            | - SDB |             |        |        |        |        |        | 33.4   | 30.7   | 29.4   | 27.3   | 25.7   | 23.0   | 21.7   | 19.8   |
|                                                | -     |             |        |        |        |        |        | 163.0  | 165.0  | 165.0  | 163.0  | 160.0  | 160.0  | 159.0  | 151.0  |
| 210                                            | - SDB |             |        |        |        |        |        |        | 28.8   | 27.4   | 25.3   | 23.7   | 21.2   | 19.9   | 17.9   |
|                                                | -     |             |        |        |        |        |        |        | 159.0  | 160.0  | 158.0  | 155.0  | 155.0  | 154.0  | 146.0  |
| 215                                            | - SDB |             |        |        |        |        |        |        | 27.0   | 25.5   | 23.4   | 21.9   | 19.6   | 18.3   | 16.1   |
|                                                | -     |             |        |        |        |        |        |        | 152.0  | 154.0  | 152.0  | 150.0  | 149.0  | 149.0  | 142.0  |
| 220                                            | - SDB |             |        |        |        |        |        |        | 25.3   | 23.8   | 21.7   | 20.3   | 18.1   | 16.7   | 14.3   |
|                                                | -     |             |        |        |        |        |        |        | 146.0  | 149.0  | 148.0  | 145.0  | 145.0  | 144.0  | 138.0  |
| 225                                            | - SDB |             |        |        |        |        |        |        |        | 22.2   | 20.2   | 18.8   | 16.6   | 15.3   | 12.6   |
|                                                | -     |             |        |        |        |        |        |        |        | 144.0  | 143.0  | 140.0  | 140.0  | 139.0  | 135.0  |
| 230                                            | - SDB |             |        |        |        |        |        |        |        | 20.8   | 18.8   | 17.5   | 15.2   | 13.7   |        |
|                                                | -     |             |        |        |        |        |        |        |        | 139.0  | 139.0  | 135.0  | 136.0  | 135.0  | 131.0  |
| 235                                            | - SDB |             |        |        |        |        |        |        |        | 19.6   | 17.4   | 16.1   | 13.7   | 12.1   |        |
|                                                | -     |             |        |        |        |        |        |        |        | 134.0  | 134.0  | 131.0  | 132.0  | 130.0  | 127.0  |
| 240                                            | - SDB |             |        |        |        |        |        |        |        | 18.2   | 16.0   | 14.6   | 12.0   | 10.6   |        |
|                                                | -     |             |        |        |        |        |        |        |        | 130.0  | 130.0  | 127.0  | 128.0  | 126.0  | 124.0  |
| 245                                            | - SDB |             |        |        |        |        |        |        |        |        | 14.6   | 13.1   | 10.6   | 9.2    |        |
|                                                | -     |             |        |        |        |        |        |        |        |        | 126.0  | 123.0  | 124.0  | 122.0  | 120.0  |
| 250                                            | - SDB |             |        |        |        |        |        |        |        |        | 13.2   | 11.6   | 9.2    | 7.8    |        |
|                                                | -     |             |        |        |        |        |        |        |        |        | 122.0  | 119.0  | 119.0  | 118.0  | 116.0  |
| 255                                            | - SDB |             |        |        |        |        |        |        |        |        | 11.9   | 10.3   | 7.9    | 6.4    |        |
|                                                | -     |             |        |        |        |        |        |        |        |        | 117.0  | 114.0  | 115.0  | 114.0  | 113.0  |
| 260                                            | - SDB |             |        |        |        |        |        |        |        |        |        | 9.1    | 6.6    |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        | 110.0  | 112.0  | 111.0  | 109.0  |
| 265                                            | - SDB |             |        |        |        |        |        |        |        |        |        | 7.8    |        |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        | 105.0  | 108.0  | 107.0  | 105.0  |
| 270                                            | - SDB |             |        |        |        |        |        |        |        |        |        | 6.6    |        |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        | 101.0  | 104.0  | 104.0  | 102.0  |
| 275                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        | 101.0  | 99.0   |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 280                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        | 97.8   | 96.1   |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 285                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        | 94.6   | 93.2   |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 290                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        | 91.7   | 90.4   |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
| 295                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        | 89.2   | 87.6   |
| 300                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        | 86.4   | 85.0   |
| 305                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        | 83.7   | 82.4   |
| 310                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        |        | 79.8   |
| 315                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        |        | 76.9   |
| 320                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        |        | 73.8   |
| 325                                            | - SDB |             |        |        |        |        |        |        |        |        |        |        |        |        |        |
|                                                | -     |             |        |        |        |        |        |        |        |        |        |        |        |        | 70.5   |

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# Lifting heights Hauteurs de levage

**SDB**







|  ft | S 98   |                       |        |                       |        |                       |        |                      |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 59   |                       | W 79   |                       | W 98   |                       | W 118  |                      | W 138  |                      | W 157  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 32                                                                                   | 537.0  | 537.0 <sup>(1)</sup>  |        |                       |        |                       |        |                      |        |                      |        |                      | 32                                                                                     |
| 34                                                                                   | 503.0  | 504.0 <sup>(1)</sup>  |        |                       |        |                       |        |                      |        |                      |        |                      | 34                                                                                     |
| 36                                                                                   | 474.0  | 474.0                 | 452.0  |                       |        |                       |        |                      |        |                      |        |                      | 36                                                                                     |
| 38                                                                                   | 448.0  | 448.0                 | 427.0  | 428.0 <sup>(1)</sup>  |        |                       |        |                      |        |                      |        |                      | 38                                                                                     |
| 40                                                                                   | 424.0  | 424.0                 | 405.0  | 405.0 <sup>(1)</sup>  | 323.0  |                       |        |                      |        |                      |        |                      | 40                                                                                     |
| 45                                                                                   | 375.0  | 375.0                 | 359.0  | 359.0 <sup>(2)</sup>  | 345.0  | 345.0                 | 332.0  |                      |        |                      |        |                      | 45                                                                                     |
| 50                                                                                   | 335.0  | 335.0 <sup>(5)</sup>  | 322.0  | 322.0 <sup>(3)</sup>  | 310.0  | 310.0                 | 299.0  | 299.0                | 289.0  |                      |        |                      | 50                                                                                     |
| 55                                                                                   | 303.0  | 303.0                 | 291.0  | 291.0                 | 281.0  | 281.0                 | 271.0  | 271.0                | 262.0  | 262.0 <sup>(1)</sup> | 254.0  |                      | 55                                                                                     |
| 60                                                                                   | 277.0  | 277.0                 | 266.0  | 266.0                 | 257.0  | 257.0                 | 248.0  | 248.0                | 240.0  | 240.0                | 232.0  | 232.0 <sup>(1)</sup> | 60                                                                                     |
| 65                                                                                   | 251.0  | 251.0 <sup>(9)</sup>  | 245.0  | 245.0                 | 236.0  | 236.0                 | 228.0  | 228.0                | 221.0  | 221.0 <sup>(2)</sup> | 214.0  | 214.0                | 65                                                                                     |
| 70                                                                                   | 228.0  | 228.0                 | 226.0  | 226.0                 | 218.0  | 218.0                 | 211.0  | 211.0                | 205.0  | 205.0                | 198.0  | 198.0                | 70                                                                                     |
| 75                                                                                   | 205.0* | 205.0 <sup>(11)</sup> | 206.0  | 206.0                 | 203.0  | 203.0                 | 196.0  | 196.0                | 190.0  | 190.0 <sup>(3)</sup> | 184.0  | 184.0                | 75                                                                                     |
| 80                                                                                   |        | 185.0 <sup>(11)</sup> | 190.0  | 190.0 <sup>(9)</sup>  | 187.0  | 187.0 <sup>(6)</sup>  | 183.0  | 183.0                | 178.0  | 178.0                | 172.0  | 172.0                | 80                                                                                     |
| 85                                                                                   |        | 168.0 <sup>(11)</sup> | 175.0  | 175.0                 | 173.0  | 173.0                 | 171.0  | 171.0                | 166.0  | 166.0 <sup>(4)</sup> | 161.0  | 161.0 <sup>(3)</sup> | 85                                                                                     |
| 90                                                                                   |        | 153.0 <sup>(11)</sup> | 163.0  | 163.0                 | 161.0  | 161.0                 | 158.0  | 158.0                | 156.0  | 156.0                | 151.0  | 151.0                | 90                                                                                     |
| 95                                                                                   |        | 140.0 <sup>(10)</sup> | 149.0* | 149.0                 | 150.0  | 150.0                 | 148.0  | 148.0                | 146.0  | 146.0 <sup>(5)</sup> | 143.0  | 143.0 <sup>(4)</sup> | 95                                                                                     |
| 100                                                                                  |        | 129.0 <sup>(11)</sup> |        | 135.0 <sup>(11)</sup> | 140.0  | 140.0 <sup>(10)</sup> | 138.0  | 138.0 <sup>(7)</sup> | 136.0  | 136.0                | 134.0  | 134.0                | 100                                                                                    |
| 105                                                                                  |        | 118.0 <sup>(11)</sup> |        | 125.0 <sup>(11)</sup> | 131.0  | 131.0 <sup>(11)</sup> | 129.0  | 129.0                | 127.0  | 127.0 <sup>(6)</sup> | 125.0  | 125.0                | 105                                                                                    |
| 110                                                                                  |        | 107.0 <sup>(9)</sup>  |        | 115.0 <sup>(11)</sup> | 124.0  | 124.0                 | 122.0  | 122.0                | 120.0  | 120.0                | 117.0  | 117.0 <sup>(5)</sup> | 110                                                                                    |
| 115                                                                                  |        | 99.2 <sup>(9)</sup>   |        | 107.0 <sup>(11)</sup> |        | 112.0 <sup>(11)</sup> | 115.0  | 115.0                | 113.0  | 113.0                | 111.0  | 111.0                | 115                                                                                    |
| 120                                                                                  |        | 91.3 <sup>(9)</sup>   |        | 98.8 <sup>(11)</sup>  |        | 104.0 <sup>(11)</sup> | 108.0  | 108.0                | 106.0  | 106.0                | 104.0  | 104.0 <sup>(6)</sup> | 120                                                                                    |
| 125                                                                                  |        | 83.6 <sup>(7)</sup>   |        | 91.0 <sup>(11)</sup>  |        | 96.6 <sup>(11)</sup>  | 103.0  | 103.0                | 101.0  | 101.0                | 98.4   | 98.4                 | 125                                                                                    |
| 130                                                                                  |        | 77.4 <sup>(7)</sup>   |        | 83.3 <sup>(9)</sup>   |        | 89.3 <sup>(11)</sup>  | 97.4   | 97.4                 | 95.3   | 95.3                 | 93.2   | 93.2                 | 130                                                                                    |
| 135                                                                                  |        | 71.2 <sup>(7)</sup>   |        | 77.4 <sup>(9)</sup>   |        | 83.4 <sup>(11)</sup>  |        | 88.1 <sup>(11)</sup> | 90.5   | 90.5                 | 88.4   | 88.4                 | 135                                                                                    |
| 140                                                                                  |        |                       |        | 71.6 <sup>(9)</sup>   |        | 77.5 <sup>(11)</sup>  |        | 81.9 <sup>(11)</sup> | 86.1   | 86.1                 | 84.0   | 84.0                 | 140                                                                                    |
| 145                                                                                  |        |                       |        | 65.6 <sup>(7)</sup>   |        | 71.7 <sup>(11)</sup>  |        | 76.5 <sup>(11)</sup> | 82.0   | 82.0                 | 79.9   | 79.9                 | 145                                                                                    |
| 150                                                                                  |        |                       |        | 61.0 <sup>(7)</sup>   |        | 65.7 <sup>(9)</sup>   |        | 71.1 <sup>(11)</sup> | 78.3   | 78.3                 | 76.1   | 76.1                 | 150                                                                                    |
| 155                                                                                  |        |                       |        | 56.3 <sup>(7)</sup>   |        | 61.1 <sup>(9)</sup>   |        | 66.5 <sup>(11)</sup> |        | 70.3 <sup>(11)</sup> | 72.6   | 72.6                 | 155                                                                                    |
| 160                                                                                  |        |                       |        |                       |        | 56.5 <sup>(9)</sup>   |        | 61.9 <sup>(11)</sup> |        | 65.6 <sup>(11)</sup> | 69.3   | 69.3                 | 160                                                                                    |
| 165                                                                                  |        |                       |        |                       |        | 51.7 <sup>(7)</sup>   |        | 57.3 <sup>(11)</sup> |        | 61.3 <sup>(11)</sup> | 66.3   | 66.3                 | 165                                                                                    |
| 170                                                                                  |        |                       |        |                       |        | 48.0 <sup>(7)</sup>   |        | 52.4 <sup>(9)</sup>  |        | 57.1 <sup>(11)</sup> | 63.6   | 63.6                 | 170                                                                                    |
| 175                                                                                  |        |                       |        |                       |        | 44.3 <sup>(7)</sup>   |        | 48.7 <sup>(9)</sup>  |        | 53.3 <sup>(11)</sup> |        | 56.3 <sup>(11)</sup> | 175                                                                                    |
| 180                                                                                  |        |                       |        |                       |        |                       |        | 45.0 <sup>(9)</sup>  |        | 49.6 <sup>(11)</sup> |        | 52.7 <sup>(11)</sup> | 180                                                                                    |
| 185                                                                                  |        |                       |        |                       |        |                       |        | 40.9 <sup>(7)</sup>  |        | 45.8 <sup>(11)</sup> |        | 49.2 <sup>(11)</sup> | 185                                                                                    |
| 190                                                                                  |        |                       |        |                       |        |                       |        | 37.9 <sup>(7)</sup>  |        | 41.7 <sup>(9)</sup>  |        | 45.8 <sup>(11)</sup> | 190                                                                                    |
| 195                                                                                  |        |                       |        |                       |        |                       |        | 34.8 <sup>(7)</sup>  |        | 38.6 <sup>(9)</sup>  |        | 42.7 <sup>(11)</sup> | 195                                                                                    |
| 200                                                                                  |        |                       |        |                       |        |                       |        |                      |        | 35.5 <sup>(9)</sup>  |        | 39.6 <sup>(11)</sup> | 200                                                                                    |
| 205                                                                                  |        |                       |        |                       |        |                       |        |                      |        | 31.9 <sup>(7)</sup>  |        | 36.5 <sup>(11)</sup> | 205                                                                                    |
| 210                                                                                  |        |                       |        |                       |        |                       |        |                      |        | 29.4 <sup>(7)</sup>  |        | 32.8 <sup>(9)</sup>  | 210                                                                                    |
| 215                                                                                  |        |                       |        |                       |        |                       |        |                      |        | 26.8 <sup>(7)</sup>  |        | 30.1 <sup>(9)</sup>  | 215                                                                                    |
| 220                                                                                  |        |                       |        |                       |        |                       |        |                      |        |                      |        | 27.5 <sup>(9)</sup>  | 220                                                                                    |
| 225                                                                                  |        |                       |        |                       |        |                       |        |                      |        |                      |        | 24.5 <sup>(7)</sup>  | 225                                                                                    |
| 230                                                                                  |        |                       |        |                       |        |                       |        |                      |        |                      |        | 22.4 <sup>(7)</sup>  | 230                                                                                    |
| 235                                                                                  |        |                       |        |                       |        |                       |        |                      |        |                      |        | 20.4 <sup>(7)</sup>  | 235                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



374,800 lb  
330,700 lb  
286,600 lb



Wmax  
60

|  ft | S 98   |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 177  |                      | W 197  |                      | W 217  |                      | W 236  |                      | W 256  |                      | W 276  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 60                                                                                   | 225.0  |                      |        |                      |        |                      |        |                      |        |                      |        |                      | 60                                                                                     |
| 65                                                                                   | 208.0  | 208.0                | 202.0  |                      |        |                      |        |                      |        |                      |        |                      | 65                                                                                     |
| 70                                                                                   | 192.0  | 192.0                | 187.0  | 187.0 <sup>(1)</sup> | 181.0  |                      |        |                      |        |                      |        |                      | 70                                                                                     |
| 75                                                                                   | 179.0  | 179.0                | 174.0  | 174.0                | 169.0  | 169.0                | 165.0  |                      |        |                      |        |                      | 75                                                                                     |
| 80                                                                                   | 167.0  | 167.0                | 163.0  | 163.0                | 157.0  | 157.0                | 154.0  | 154.0 <sup>(1)</sup> | 147.0  |                      |        |                      | 80                                                                                     |
| 85                                                                                   | 157.0  | 157.0                | 153.0  | 153.0                | 148.0  | 148.0                | 144.0  | 144.0                | 140.0  | 140.0 <sup>(1)</sup> | 123.0  |                      | 85                                                                                     |
| 90                                                                                   | 147.0  | 147.0                | 143.0  | 143.0                | 139.0  | 139.0                | 135.0  | 135.0                | 132.0  | 132.0                | 121.0  | 121.0                | 90                                                                                     |
| 95                                                                                   | 138.0  | 138.0 <sup>(3)</sup> | 135.0  | 135.0                | 131.0  | 131.0                | 127.0  | 127.0                | 124.0  | 124.0                | 119.0  | 119.0                | 95                                                                                     |
| 100                                                                                  | 131.0  | 131.0                | 128.0  | 128.0 <sup>(3)</sup> | 123.0  | 123.0                | 120.0  | 120.0 <sup>(2)</sup> | 117.0  | 117.0                | 113.0  | 113.0                | 100                                                                                    |
| 105                                                                                  | 123.0  | 123.0 <sup>(4)</sup> | 121.0  | 121.0                | 116.0  | 116.0                | 114.0  | 114.0                | 110.0  | 110.0 <sup>(2)</sup> | 107.0  | 107.0                | 105                                                                                    |
| 110                                                                                  | 115.0  | 115.0                | 114.0  | 114.0                | 110.0  | 110.0 <sup>(3)</sup> | 108.0  | 108.0                | 105.0  | 105.0                | 101.0  | 101.0                | 110                                                                                    |
| 115                                                                                  | 108.0  | 108.0                | 107.0  | 107.0 <sup>(4)</sup> | 104.0  | 104.0                | 102.0  | 102.0                | 99.1   | 99.1                 | 96.0   | 96.0                 | 115                                                                                    |
| 120                                                                                  | 102.0  | 102.0 <sup>(5)</sup> | 101.0  | 101.0                | 98.4   | 98.4                 | 96.9   | 96.9                 | 94.0   | 94.0                 | 91.0   | 91.0                 | 120                                                                                    |
| 125                                                                                  | 96.5   | 96.5                 | 95.2   | 95.2                 | 92.7   | 92.7                 | 91.5   | 91.5                 | 89.3   | 89.3                 | 86.5   | 86.5                 | 125                                                                                    |
| 130                                                                                  | 91.3   | 91.3                 | 90.0   | 90.0                 | 87.5   | 87.5                 | 86.4   | 86.4                 | 84.5   | 84.5                 | 82.1   | 82.1                 | 130                                                                                    |
| 135                                                                                  | 86.5   | 86.5                 | 85.3   | 85.3                 | 82.8   | 82.8                 | 81.6   | 81.6                 | 79.8   | 79.8                 | 77.8   | 77.8                 | 135                                                                                    |
| 140                                                                                  | 82.1   | 82.1                 | 80.8   | 80.8                 | 78.4   | 78.4                 | 77.2   | 77.2                 | 75.5   | 75.5                 | 73.6   | 73.6                 | 140                                                                                    |
| 145                                                                                  | 78.0   | 78.0                 | 76.8   | 76.8                 | 74.4   | 74.4                 | 73.2   | 73.2                 | 71.4   | 71.4                 | 69.5   | 69.5                 | 145                                                                                    |
| 150                                                                                  | 74.2   | 74.2                 | 73.0   | 73.0                 | 70.6   | 70.6                 | 69.5   | 69.5                 | 67.7   | 67.7                 | 65.9   | 65.9                 | 150                                                                                    |
| 155                                                                                  | 70.6   | 70.6                 | 69.5   | 69.5                 | 67.1   | 67.1                 | 65.9   | 65.9                 | 64.3   | 64.3                 | 62.4   | 62.4                 | 155                                                                                    |
| 160                                                                                  | 67.4   | 67.4                 | 66.2   | 66.2                 | 63.8   | 63.8                 | 62.7   | 62.7                 | 61.0   | 61.0                 | 59.2   | 59.2                 | 160                                                                                    |
| 165                                                                                  | 64.3   | 64.3                 | 63.1   | 63.1                 | 60.8   | 60.8                 | 59.7   | 59.7                 | 58.0   | 58.0                 | 56.2   | 56.2                 | 165                                                                                    |
| 170                                                                                  | 61.5   | 61.5                 | 60.2   | 60.2                 | 57.9   | 57.9                 | 56.8   | 56.8                 | 55.1   | 55.1                 | 53.3   | 53.3                 | 170                                                                                    |
| 175                                                                                  | 58.8   | 58.8 <sup>(11)</sup> | 57.6   | 57.6                 | 55.3   | 55.3                 | 54.1   | 54.1                 | 52.5   | 52.5                 | 50.7   | 50.7                 | 175                                                                                    |
| 180                                                                                  | 56.3   | 56.3                 | 55.1   | 55.1                 | 52.8   | 52.8                 | 51.6   | 51.6                 | 49.9   | 49.9                 | 48.2   | 48.2                 | 180                                                                                    |
| 185                                                                                  | 54.0   | 54.0                 | 52.7   | 52.7                 | 50.4   | 50.4                 | 49.3   | 49.3                 | 47.6   | 47.6                 | 45.8   | 45.8                 | 185                                                                                    |
| 190                                                                                  | 52.1   | 52.1                 | 50.5   | 50.5                 | 48.2   | 48.2                 | 47.0   | 47.0                 | 45.4   | 45.4                 | 43.7   | 43.7                 | 190                                                                                    |
| 195                                                                                  |        | 45.3 <sup>(11)</sup> | 48.4   | 48.4                 | 46.1   | 46.1                 | 44.9   | 44.9                 | 43.3   | 43.3                 | 41.6   | 41.6                 | 195                                                                                    |
| 200                                                                                  |        | 42.3 <sup>(11)</sup> | 46.5   | 46.5                 | 44.1   | 44.1                 | 43.0   | 43.0                 | 41.3   | 41.3                 | 39.6   | 39.6                 | 200                                                                                    |
| 205                                                                                  |        | 39.3 <sup>(11)</sup> | 44.7   | 44.7                 | 42.3   | 42.3                 | 41.1   | 41.1                 | 39.4   | 39.4                 | 37.7   | 37.7                 | 205                                                                                    |
| 210                                                                                  |        | 36.6 <sup>(11)</sup> | 41.7*  | 41.7                 | 40.5   | 40.5                 | 39.3   | 39.3                 | 37.6   | 37.6                 | 35.9   | 35.9                 | 210                                                                                    |
| 215                                                                                  |        | 33.9 <sup>(11)</sup> |        | 36.8 <sup>(11)</sup> | 38.8   | 38.8                 | 37.6   | 37.6                 | 35.9   | 35.9                 | 34.2   | 34.2                 | 215                                                                                    |
| 220                                                                                  |        | 31.3 <sup>(11)</sup> |        | 34.3 <sup>(11)</sup> | 37.3   | 37.3                 | 36.0   | 36.0                 | 34.3   | 34.3                 | 32.6   | 32.6                 | 220                                                                                    |
| 225                                                                                  |        | 28.6 <sup>(11)</sup> |        | 31.8 <sup>(11)</sup> | 35.9   | 35.9                 | 34.5   | 34.5                 | 32.8   | 32.8                 | 31.1   | 31.1                 | 225                                                                                    |
| 230                                                                                  |        | 25.4 <sup>(9)</sup>  |        | 29.5 <sup>(11)</sup> | 33.4*  | 33.4                 | 33.1   | 33.1                 | 31.3   | 31.3                 | 29.7   | 29.7                 | 230                                                                                    |
| 235                                                                                  |        | 23.3 <sup>(9)</sup>  |        | 27.2 <sup>(11)</sup> |        | 28.7 <sup>(11)</sup> | 31.7   | 31.7                 | 29.9   | 29.9                 | 28.3   | 28.3                 | 235                                                                                    |
| 240                                                                                  |        | 21.1 <sup>(9)</sup>  |        | 24.9 <sup>(11)</sup> |        | 26.5 <sup>(11)</sup> | 30.5   | 30.5                 | 28.6   | 28.6                 | 27.0   | 27.0                 | 240                                                                                    |
| 245                                                                                  |        | 18.5 <sup>(7)</sup>  |        | 22.6 <sup>(11)</sup> |        | 24.4 <sup>(11)</sup> | 29.3   | 29.3                 | 27.4   | 27.4                 | 25.7   | 25.7                 | 245                                                                                    |
| 250                                                                                  |        | 16.8 <sup>(7)</sup>  |        | 19.9 <sup>(9)</sup>  |        | 22.6 <sup>(11)</sup> | 27.1*  | 27.1                 | 26.2   | 26.2                 | 24.5   | 24.5                 | 250                                                                                    |
| 255                                                                                  |        | 15.1 <sup>(7)</sup>  |        | 18.3 <sup>(9)</sup>  |        | 20.8 <sup>(11)</sup> |        | 22.8 <sup>(11)</sup> | 25.0   | 25.0                 | 23.4   | 23.4                 | 255                                                                                    |
| 260                                                                                  |        |                      |        | 16.6 <sup>(9)</sup>  |        | 19.0 <sup>(11)</sup> |        | 21.1 <sup>(11)</sup> | 24.0   | 24.0                 | 22.3   | 22.3                 | 260                                                                                    |
| 265                                                                                  |        |                      |        | 14.0 <sup>(7)</sup>  |        | 17.3 <sup>(11)</sup> |        | 19.4 <sup>(11)</sup> | 23.0   | 23.0                 | 21.4   | 21.4                 | 265                                                                                    |
| 270                                                                                  |        |                      |        | 12.3 <sup>(7)</sup>  |        | 14.6 <sup>(9)</sup>  |        | 17.9 <sup>(11)</sup> | 21.3*  | 21.3                 | 20.6   | 20.6                 | 270                                                                                    |
| 275                                                                                  |        |                      |        | 10.6 <sup>(7)</sup>  |        | 13.1 <sup>(9)</sup>  |        | 16.4 <sup>(11)</sup> |        | 17.6 <sup>(11)</sup> | 19.8   | 19.8                 | 275                                                                                    |
| 280                                                                                  |        |                      |        |                      |        | 11.5 <sup>(9)</sup>  |        | 14.9 <sup>(11)</sup> |        | 16.2 <sup>(11)</sup> | 19.0   | 19.0                 | 280                                                                                    |
| 285                                                                                  |        |                      |        |                      |        | 9.0 <sup>(7)</sup>   |        | 13.4 <sup>(11)</sup> |        | 14.7 <sup>(11)</sup> | 18.4   | 18.4                 | 285                                                                                    |
| 290                                                                                  |        |                      |        |                      |        | 7.4 <sup>(7)</sup>   |        | 10.6 <sup>(9)</sup>  |        | 13.3 <sup>(11)</sup> | 16.9*  | 16.9                 | 290                                                                                    |
| 295                                                                                  |        |                      |        |                      |        |                      |        | 9.1 <sup>(9)</sup>   |        | 11.8 <sup>(11)</sup> |        | 13.3 <sup>(11)</sup> | 295                                                                                    |
| 300                                                                                  |        |                      |        |                      |        |                      |        | 7.5 <sup>(9)</sup>   |        | 10.3 <sup>(11)</sup> |        | 12.1 <sup>(11)</sup> | 300                                                                                    |
| 305                                                                                  |        |                      |        |                      |        |                      |        |                      |        | 8.8 <sup>(11)</sup>  |        | 10.7 <sup>(11)</sup> | 305                                                                                    |
| 310                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 9.3 <sup>(11)</sup>  | 310                                                                                    |
| 315                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 7.8 <sup>(11)</sup>  | 315                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



|  ft | S 118  |                       |        |                       |        |                       |        |                       |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 59   |                       | W 79   |                       | W 98   |                       | W 118  |                       | W 138  |                      | W 157  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 32                                                                                   | 508.0  |                       |        |                       |        |                       |        |                       |        |                      |        |                      | 32                                                                                     |
| 34                                                                                   | 478.0  | 478.0 <sup>(1)</sup>  |        |                       |        |                       |        |                       |        |                      |        |                      | 34                                                                                     |
| 36                                                                                   | 451.0  | 451.0                 |        |                       |        |                       |        |                       |        |                      |        |                      | 36                                                                                     |
| 38                                                                                   | 427.0  | 427.0 <sup>(2)</sup>  | 408.0  | 408.0 <sup>(1)</sup>  |        |                       |        |                       |        |                      |        |                      | 38                                                                                     |
| 40                                                                                   | 405.0  | 405.0                 | 388.0  | 388.0 <sup>(1)</sup>  |        |                       |        |                       |        |                      |        |                      | 40                                                                                     |
| 45                                                                                   | 359.0  | 359.0                 | 345.0  | 345.0 <sup>(2)</sup>  | 331.0  | 331.0 <sup>(1)</sup>  |        |                       |        |                      |        |                      | 45                                                                                     |
| 50                                                                                   | 322.0  | 322.0                 | 310.0  | 310.0                 | 298.0  | 298.0                 | 288.0  | 288.0 <sup>(1)</sup>  |        |                      |        |                      | 50                                                                                     |
| 55                                                                                   | 292.0  | 292.0 <sup>(6)</sup>  | 281.0  | 281.0                 | 271.0  | 271.0                 | 262.0  | 262.0                 | 253.0  | 253.0 <sup>(1)</sup> |        |                      | 55                                                                                     |
| 60                                                                                   | 267.0  | 267.0                 | 257.0  | 257.0                 | 248.0  | 248.0                 | 240.0  | 240.0                 | 232.0  | 232.0                | 224.0  | 224.0 <sup>(1)</sup> | 60                                                                                     |
| 65                                                                                   | 246.0  | 246.0 <sup>(9)</sup>  | 237.0  | 237.0                 | 228.0  | 228.0                 | 221.0  | 221.0                 | 214.0  | 214.0 <sup>(2)</sup> | 207.0  | 207.0                | 65                                                                                     |
| 70                                                                                   | 225.0  | 225.0 <sup>(11)</sup> | 219.0  | 219.0                 | 211.0  | 211.0                 | 205.0  | 205.0                 | 198.0  | 198.0                | 192.0  | 192.0                | 70                                                                                     |
| 75                                                                                   | 203.0* | 203.0                 | 204.0  | 204.0                 | 196.0  | 196.0 <sup>(5)</sup>  | 191.0  | 191.0                 | 184.0  | 184.0                | 179.0  | 179.0                | 75                                                                                     |
| 80                                                                                   |        | 184.0 <sup>(11)</sup> | 188.0  | 188.0                 | 183.0  | 183.0                 | 178.0  | 178.0                 | 172.0  | 172.0                | 167.0  | 167.0                | 80                                                                                     |
| 85                                                                                   |        | 166.0 <sup>(11)</sup> | 174.0  | 174.0                 | 171.0  | 171.0                 | 167.0  | 167.0 <sup>(5)</sup>  | 161.0  | 161.0                | 156.0  | 156.0 <sup>(3)</sup> | 85                                                                                     |
| 90                                                                                   |        | 151.0 <sup>(11)</sup> | 161.0  | 161.0                 | 159.0  | 159.0                 | 157.0  | 157.0                 | 152.0  | 152.0                | 147.0  | 147.0                | 90                                                                                     |
| 95                                                                                   |        | 138.0 <sup>(11)</sup> | 148.0* | 148.0                 | 148.0  | 148.0                 | 146.0  | 146.0                 | 143.0  | 143.0                | 139.0  | 139.0                | 95                                                                                     |
| 100                                                                                  |        | 126.0 <sup>(11)</sup> |        | 135.0 <sup>(11)</sup> | 138.0  | 138.0                 | 137.0  | 137.0                 | 134.0  | 134.0                | 131.0  | 131.0                | 100                                                                                    |
| 105                                                                                  |        | 117.0 <sup>(11)</sup> |        | 123.0 <sup>(11)</sup> | 130.0  | 130.0 <sup>(11)</sup> | 128.0  | 128.0                 | 126.0  | 126.0                | 123.0  | 123.0                | 105                                                                                    |
| 110                                                                                  |        | 107.0 <sup>(11)</sup> |        | 114.0 <sup>(11)</sup> | 122.0  | 122.0                 | 120.0  | 120.0                 | 118.0  | 118.0                | 116.0  | 116.0                | 110                                                                                    |
| 115                                                                                  |        | 97.5 <sup>(11)</sup>  |        | 105.0 <sup>(11)</sup> | 113.0* | 113.0                 | 114.0  | 114.0                 | 111.0  | 111.0 <sup>(7)</sup> | 109.0  | 109.0                | 115                                                                                    |
| 120                                                                                  |        | 89.3 <sup>(9)</sup>   |        | 97.1 <sup>(11)</sup>  |        | 103.0 <sup>(11)</sup> | 107.0  | 107.0 <sup>(10)</sup> | 105.0  | 105.0                | 103.0  | 103.0                | 120                                                                                    |
| 125                                                                                  |        | 82.7 <sup>(9)</sup>   |        | 90.2 <sup>(11)</sup>  |        | 94.9 <sup>(11)</sup>  | 101.0  | 101.0 <sup>(11)</sup> | 99.2   | 99.2                 | 97.1   | 97.1                 | 125                                                                                    |
| 130                                                                                  |        | 76.0 <sup>(9)</sup>   |        | 83.2 <sup>(11)</sup>  |        | 88.2 <sup>(11)</sup>  | 96.3   | 96.3                  | 94.0   | 94.0                 | 91.9   | 91.9                 | 130                                                                                    |
| 135                                                                                  |        | 69.4 <sup>(8)</sup>   |        | 76.2 <sup>(11)</sup>  |        | 81.4 <sup>(11)</sup>  | 89.4*  | 89.4                  | 89.2   | 89.2                 | 87.2   | 87.2                 | 135                                                                                    |
| 140                                                                                  |        | 64.2 <sup>(7)</sup>   |        | 70.1 <sup>(9)</sup>   |        | 75.9 <sup>(11)</sup>  |        | 81.1 <sup>(11)</sup>  | 84.9   | 84.9                 | 82.7   | 82.7                 | 140                                                                                    |
| 145                                                                                  |        | 59.2 <sup>(7)</sup>   |        | 65.0 <sup>(9)</sup>   |        | 70.6 <sup>(11)</sup>  |        | 75.4 <sup>(11)</sup>  | 80.8   | 80.8                 | 78.7   | 78.7                 | 145                                                                                    |
| 150                                                                                  |        | 54.3 <sup>(7)</sup>   |        | 59.9 <sup>(9)</sup>   |        | 65.2 <sup>(11)</sup>  |        | 70.2 <sup>(11)</sup>  | 77.1   | 77.1                 | 74.9   | 74.9                 | 150                                                                                    |
| 155                                                                                  |        |                       |        | 54.8 <sup>(9)</sup>   |        | 59.9 <sup>(11)</sup>  |        | 65.0 <sup>(11)</sup>  | 71.8*  | 71.8                 | 71.5   | 71.5                 | 155                                                                                    |
| 160                                                                                  |        |                       |        | 50.6 <sup>(7)</sup>   |        | 54.9 <sup>(9)</sup>   |        | 60.8 <sup>(11)</sup>  |        | 64.3 <sup>(11)</sup> | 68.3   | 68.3                 | 160                                                                                    |
| 165                                                                                  |        |                       |        | 46.6 <sup>(7)</sup>   |        | 50.9 <sup>(9)</sup>   |        | 56.5 <sup>(11)</sup>  |        | 60.0 <sup>(11)</sup> | 65.3   | 65.3                 | 165                                                                                    |
| 170                                                                                  |        |                       |        | 42.7 <sup>(7)</sup>   |        | 46.8 <sup>(9)</sup>   |        | 52.2 <sup>(11)</sup>  |        | 55.8 <sup>(11)</sup> | 62.5   | 62.5                 | 170                                                                                    |
| 175                                                                                  |        |                       |        |                       |        | 42.4 <sup>(7)</sup>   |        | 47.9 <sup>(11)</sup>  |        | 51.8 <sup>(11)</sup> | 58.2*  | 58.2                 | 175                                                                                    |
| 180                                                                                  |        |                       |        |                       |        | 39.2 <sup>(7)</sup>   |        | 43.7 <sup>(9)</sup>   |        | 48.3 <sup>(11)</sup> |        | 51.4 <sup>(11)</sup> | 180                                                                                    |
| 185                                                                                  |        |                       |        |                       |        | 36.0 <sup>(7)</sup>   |        | 40.4 <sup>(9)</sup>   |        | 44.8 <sup>(11)</sup> |        | 48.0 <sup>(11)</sup> | 185                                                                                    |
| 190                                                                                  |        |                       |        |                       |        | 32.8 <sup>(7)</sup>   |        | 37.0 <sup>(9)</sup>   |        | 41.3 <sup>(11)</sup> |        | 44.6 <sup>(11)</sup> | 190                                                                                    |
| 195                                                                                  |        |                       |        |                       |        |                       |        | 33.2 <sup>(7)</sup>   |        | 37.7 <sup>(11)</sup> |        | 41.3 <sup>(11)</sup> | 195                                                                                    |
| 200                                                                                  |        |                       |        |                       |        |                       |        | 30.5 <sup>(7)</sup>   |        | 34.0 <sup>(9)</sup>  |        | 38.4 <sup>(11)</sup> | 200                                                                                    |
| 205                                                                                  |        |                       |        |                       |        |                       |        | 27.8 <sup>(7)</sup>   |        | 31.2 <sup>(9)</sup>  |        | 35.4 <sup>(11)</sup> | 205                                                                                    |
| 210                                                                                  |        |                       |        |                       |        |                       |        | 25.1 <sup>(7)</sup>   |        | 28.4 <sup>(9)</sup>  |        | 32.4 <sup>(11)</sup> | 210                                                                                    |
| 215                                                                                  |        |                       |        |                       |        |                       |        |                       |        | 25.1 <sup>(7)</sup>  |        | 29.5 <sup>(11)</sup> | 215                                                                                    |
| 220                                                                                  |        |                       |        |                       |        |                       |        |                       |        | 23.0 <sup>(7)</sup>  |        | 26.3 <sup>(9)</sup>  | 220                                                                                    |
| 225                                                                                  |        |                       |        |                       |        |                       |        |                       |        | 20.9 <sup>(7)</sup>  |        | 24.0 <sup>(9)</sup>  | 225                                                                                    |
| 230                                                                                  |        |                       |        |                       |        |                       |        |                       |        | 18.8 <sup>(7)</sup>  |        | 21.7 <sup>(9)</sup>  | 230                                                                                    |
| 235                                                                                  |        |                       |        |                       |        |                       |        |                       |        |                      |        | 18.8 <sup>(7)</sup>  | 235                                                                                    |
| 240                                                                                  |        |                       |        |                       |        |                       |        |                       |        |                      |        | 17.0 <sup>(7)</sup>  | 240                                                                                    |
| 245                                                                                  |        |                       |        |                       |        |                       |        |                       |        |                      |        | 15.1 <sup>(7)</sup>  | 245                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



60

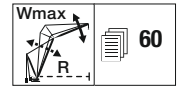
|  ft | S 118  |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 177  |                      | W 197  |                      | W 217  |                      | W 236  |                      | W 256  |                      | W 276  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 65                                                                                   | 201.0  | 201.0 <sup>(1)</sup> |        |                      |        |                      |        |                      |        |                      |        |                      | 65                                                                                     |
| 70                                                                                   | 186.0  | 186.0                | 181.0  | 181.0 <sup>(1)</sup> | 142.0  |                      |        |                      |        |                      |        |                      | 70                                                                                     |
| 75                                                                                   | 173.0  | 173.0                | 169.0  | 169.0                | 164.0  | 164.0 <sup>(1)</sup> | 159.0  |                      |        |                      |        |                      | 75                                                                                     |
| 80                                                                                   | 162.0  | 162.0                | 158.0  | 158.0                | 153.0  | 153.0                | 149.0  | 149.0 <sup>(1)</sup> | 138.0  |                      |        |                      | 80                                                                                     |
| 85                                                                                   | 152.0  | 152.0                | 148.0  | 148.0 <sup>(2)</sup> | 144.0  | 144.0                | 140.0  | 140.0                | 135.0  | 135.0                | 116.0  |                      | 85                                                                                     |
| 90                                                                                   | 143.0  | 143.0                | 139.0  | 139.0                | 135.0  | 135.0                | 131.0  | 131.0                | 128.0  | 128.0                | 115.0  | 115.0                | 90                                                                                     |
| 95                                                                                   | 134.0  | 134.0 <sup>(3)</sup> | 131.0  | 131.0                | 127.0  | 127.0 <sup>(2)</sup> | 124.0  | 124.0                | 120.0  | 120.0                | 113.0  | 113.0                | 95                                                                                     |
| 100                                                                                  | 127.0  | 127.0                | 124.0  | 124.0                | 120.0  | 120.0                | 117.0  | 117.0                | 113.0  | 113.0                | 110.0  | 110.0                | 100                                                                                    |
| 105                                                                                  | 120.0  | 120.0                | 117.0  | 117.0                | 114.0  | 114.0                | 110.0  | 110.0                | 107.0  | 107.0 <sup>(2)</sup> | 104.0  | 104.0                | 105                                                                                    |
| 110                                                                                  | 114.0  | 114.0                | 111.0  | 111.0                | 108.0  | 108.0 <sup>(3)</sup> | 105.0  | 105.0                | 101.0  | 101.0                | 98.1   | 98.1                 | 110                                                                                    |
| 115                                                                                  | 107.0  | 107.0                | 105.0  | 105.0                | 102.0  | 102.0                | 99.1   | 99.1                 | 96.1   | 96.1                 | 93.0   | 93.0                 | 115                                                                                    |
| 120                                                                                  | 101.0  | 101.0 <sup>(5)</sup> | 99.5   | 99.5                 | 97.1   | 97.1                 | 94.1   | 94.1                 | 91.2   | 91.2                 | 88.2   | 88.2                 | 120                                                                                    |
| 125                                                                                  | 95.2   | 95.2                 | 93.9   | 93.9                 | 91.9   | 91.9                 | 89.5   | 89.5                 | 86.8   | 86.8                 | 83.8   | 83.8                 | 125                                                                                    |
| 130                                                                                  | 90.0   | 90.0                 | 88.7   | 88.7 <sup>(6)</sup>  | 86.9   | 86.9                 | 85.0   | 85.0                 | 82.4   | 82.4                 | 79.6   | 79.6                 | 130                                                                                    |
| 135                                                                                  | 85.2   | 85.2                 | 84.0   | 84.0                 | 82.2   | 82.2                 | 80.3   | 80.3                 | 78.3   | 78.3                 | 75.8   | 75.8                 | 135                                                                                    |
| 140                                                                                  | 80.8   | 80.8                 | 79.6   | 79.6                 | 77.8   | 77.8                 | 76.0   | 76.0                 | 74.3   | 74.3                 | 72.0   | 72.0                 | 140                                                                                    |
| 145                                                                                  | 76.8   | 76.8                 | 75.6   | 75.6                 | 73.8   | 73.8                 | 72.0   | 72.0                 | 70.2   | 70.2                 | 68.3   | 68.3                 | 145                                                                                    |
| 150                                                                                  | 73.1   | 73.1                 | 71.8   | 71.8                 | 70.0   | 70.0                 | 68.3   | 68.3                 | 66.6   | 66.6                 | 64.7   | 64.7                 | 150                                                                                    |
| 155                                                                                  | 69.6   | 69.6                 | 68.4   | 68.4                 | 66.6   | 66.6                 | 64.8   | 64.8                 | 63.1   | 63.1                 | 61.2   | 61.2 <sup>(4)</sup>  | 155                                                                                    |
| 160                                                                                  | 66.3   | 66.3                 | 65.1   | 65.1                 | 63.3   | 63.3                 | 61.6   | 61.6                 | 59.9   | 59.9                 | 58.1   | 58.1                 | 160                                                                                    |
| 165                                                                                  | 63.3   | 63.3                 | 62.1   | 62.1                 | 60.3   | 60.3                 | 58.6   | 58.6                 | 56.9   | 56.9                 | 55.1   | 55.1                 | 165                                                                                    |
| 170                                                                                  | 60.5   | 60.5                 | 59.2   | 59.2                 | 57.5   | 57.5                 | 55.8   | 55.8                 | 54.1   | 54.1                 | 52.3   | 52.3                 | 170                                                                                    |
| 175                                                                                  | 57.8   | 57.8                 | 56.6   | 56.6                 | 54.8   | 54.8                 | 53.1   | 53.1                 | 51.4   | 51.4                 | 49.7   | 49.7                 | 175                                                                                    |
| 180                                                                                  | 55.4   | 55.4                 | 54.1   | 54.1                 | 52.3   | 52.3                 | 50.6   | 50.6                 | 49.0   | 49.0                 | 47.2   | 47.2                 | 180                                                                                    |
| 185                                                                                  | 53.1   | 53.1                 | 51.8   | 51.8                 | 50.0   | 50.0                 | 48.3   | 48.3                 | 46.7   | 46.7                 | 44.9   | 44.9                 | 185                                                                                    |
| 190                                                                                  | 51.0   | 51.0                 | 49.6   | 49.6                 | 47.8   | 47.8                 | 46.1   | 46.1                 | 44.5   | 44.5                 | 42.7   | 42.7                 | 190                                                                                    |
| 195                                                                                  | 47.4*  | 47.4                 | 47.5   | 47.5                 | 45.7   | 45.7                 | 44.0   | 44.0                 | 42.4   | 42.4                 | 40.6   | 40.6                 | 195                                                                                    |
| 200                                                                                  |        | 41.1 <sup>(11)</sup> | 45.6   | 45.6                 | 43.7   | 43.7                 | 42.1   | 42.1                 | 40.4   | 40.4                 | 38.7   | 38.7                 | 200                                                                                    |
| 205                                                                                  |        | 38.2 <sup>(11)</sup> | 43.8   | 43.8                 | 41.8   | 41.8                 | 40.2   | 40.2                 | 38.5   | 38.5                 | 36.8   | 36.8                 | 205                                                                                    |
| 210                                                                                  |        | 35.3 <sup>(11)</sup> | 42.2   | 42.2                 | 40.1   | 40.1                 | 38.4   | 38.4 <sup>(9)</sup>  | 36.8   | 36.8                 | 35.1   | 35.1                 | 210                                                                                    |
| 215                                                                                  |        | 32.7 <sup>(11)</sup> |        | 35.8 <sup>(11)</sup> | 38.4   | 38.4                 | 36.8   | 36.8                 | 35.1   | 35.1                 | 33.4   | 33.4                 | 215                                                                                    |
| 220                                                                                  |        | 30.1 <sup>(11)</sup> |        | 33.2 <sup>(11)</sup> | 36.9   | 36.9                 | 35.2   | 35.2                 | 33.5   | 33.5                 | 31.8   | 31.8                 | 220                                                                                    |
| 225                                                                                  |        | 27.5 <sup>(11)</sup> |        | 30.7 <sup>(11)</sup> | 35.4   | 35.4                 | 33.7   | 33.7                 | 32.0   | 32.0                 | 30.3   | 30.3                 | 225                                                                                    |
| 230                                                                                  |        | 25.0 <sup>(11)</sup> |        | 28.2 <sup>(11)</sup> | 34.2   | 34.2                 | 32.3   | 32.3                 | 30.5   | 30.5                 | 28.9   | 28.9                 | 230                                                                                    |
| 235                                                                                  |        | 22.5 <sup>(11)</sup> |        | 26.1 <sup>(11)</sup> |        | 28.0 <sup>(11)</sup> | 31.0   | 31.0                 | 29.2   | 29.2                 | 27.5   | 27.5                 | 235                                                                                    |
| 240                                                                                  |        | 19.9 <sup>(9)</sup>  |        | 24.0 <sup>(11)</sup> |        | 25.9 <sup>(11)</sup> | 29.7   | 29.7                 | 27.9   | 27.9                 | 26.2   | 26.2                 | 240                                                                                    |
| 245                                                                                  |        | 18.1 <sup>(9)</sup>  |        | 22.0 <sup>(11)</sup> |        | 23.8 <sup>(11)</sup> | 28.5   | 28.5                 | 26.6   | 26.6                 | 24.9   | 24.9                 | 245                                                                                    |
| 250                                                                                  |        | 16.3 <sup>(9)</sup>  |        | 19.9 <sup>(11)</sup> |        | 21.7 <sup>(11)</sup> | 27.6   | 27.6                 | 25.4   | 25.4                 | 23.8   | 23.8                 | 250                                                                                    |
| 255                                                                                  |        | 13.6 <sup>(7)</sup>  |        | 17.8 <sup>(11)</sup> |        | 20.0 <sup>(11)</sup> |        | 21.7 <sup>(11)</sup> | 24.3   | 24.3                 | 22.6   | 22.6 <sup>(10)</sup> | 255                                                                                    |
| 260                                                                                  |        | 11.8 <sup>(7)</sup>  |        | 15.3 <sup>(9)</sup>  |        | 18.3 <sup>(11)</sup> |        | 20.1 <sup>(11)</sup> | 23.3   | 23.3                 | 21.6   | 21.6                 | 260                                                                                    |
| 265                                                                                  |        | 10.0 <sup>(7)</sup>  |        | 13.6 <sup>(9)</sup>  |        | 16.6 <sup>(11)</sup> |        | 18.5 <sup>(11)</sup> | 22.3   | 22.3                 | 20.8   | 20.8                 | 265                                                                                    |
| 270                                                                                  |        |                      |        | 12.0 <sup>(9)</sup>  |        | 14.9 <sup>(11)</sup> |        | 16.9 <sup>(11)</sup> | 20.4*  | 20.4                 | 20.0   | 20.0                 | 270                                                                                    |
| 275                                                                                  |        |                      |        | 9.4 <sup>(7)</sup>   |        | 12.2 <sup>(9)</sup>  |        | 15.4 <sup>(11)</sup> |        | 16.8 <sup>(11)</sup> | 19.2   | 19.2                 | 275                                                                                    |
| 280                                                                                  |        |                      |        | 7.7 <sup>(7)</sup>   |        | 10.6 <sup>(9)</sup>  |        | 13.9 <sup>(11)</sup> |        | 15.3 <sup>(11)</sup> | 18.4   | 18.4                 | 280                                                                                    |
| 285                                                                                  |        |                      |        |                      |        | 8.9 <sup>(9)</sup>   |        | 12.3 <sup>(11)</sup> |        | 13.9 <sup>(11)</sup> | 17.8   | 17.8                 | 285                                                                                    |
| 290                                                                                  |        |                      |        |                      |        | 7.3 <sup>(9)</sup>   |        | 10.8 <sup>(11)</sup> |        | 12.5 <sup>(11)</sup> | 16.1*  | 16.1                 | 290                                                                                    |
| 295                                                                                  |        |                      |        |                      |        |                      |        |                      |        | 11.0 <sup>(11)</sup> |        | 12.5 <sup>(11)</sup> | 295                                                                                    |
| 300                                                                                  |        |                      |        |                      |        |                      |        |                      |        | 9.4 <sup>(11)</sup>  |        | 11.2 <sup>(11)</sup> | 300                                                                                    |
| 305                                                                                  |        |                      |        |                      |        |                      |        |                      |        | 7.9 <sup>(11)</sup>  |        | 10.0 <sup>(11)</sup> | 305                                                                                    |
| 310                                                                                  |        |                      |        |                      |        |                      |        |                      |        | 6.4 <sup>(11)</sup>  |        | 5.4 <sup>(9)</sup>   | 310                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



|  ft | S 138  |                       |        |                       |        |                       |        |                       |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 59   |                       | W 79   |                       | W 98   |                       | W 118  |                       | W 138  |                      | W 157  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 34                                                                                   | 454.0  | 454.0 <sup>(1)</sup>  |        |                       |        |                       |        |                       |        |                      |        |                      | 34                                                                                     |
| 36                                                                                   | 429.0  | 430.0 <sup>(1)</sup>  |        |                       |        |                       |        |                       |        |                      |        |                      | 36                                                                                     |
| 38                                                                                   | 407.0  | 407.0                 | 390.0  |                       |        |                       |        |                       |        |                      |        |                      | 38                                                                                     |
| 40                                                                                   | 387.0  | 387.0 <sup>(2)</sup>  | 371.0  | 371.0 <sup>(1)</sup>  |        |                       |        |                       |        |                      |        |                      | 40                                                                                     |
| 45                                                                                   | 344.0  | 344.0 <sup>(3)</sup>  | 331.0  | 331.0                 | 318.0  | 318.0 <sup>(1)</sup>  |        |                       |        |                      |        |                      | 45                                                                                     |
| 50                                                                                   | 310.0  | 310.0                 | 298.0  | 298.0                 | 287.0  | 287.0                 | 278.0  | 278.0 <sup>(1)</sup>  |        |                      |        |                      | 50                                                                                     |
| 55                                                                                   | 281.0  | 281.0                 | 271.0  | 271.0                 | 261.0  | 261.0                 | 253.0  | 253.0                 | 245.0  | 245.0                |        |                      | 55                                                                                     |
| 60                                                                                   | 258.0  | 258.0                 | 248.0  | 248.0                 | 239.0  | 239.0 <sup>(3)</sup>  | 232.0  | 232.0 <sup>(2)</sup>  | 224.0  | 224.0                | 217.0  | 217.0 <sup>(1)</sup> | 60                                                                                     |
| 65                                                                                   | 238.0  | 238.0                 | 229.0  | 229.0                 | 221.0  | 221.0                 | 214.0  | 214.0                 | 207.0  | 207.0                | 201.0  | 201.0                | 65                                                                                     |
| 70                                                                                   | 221.0  | 221.0                 | 212.0  | 212.0 <sup>(6)</sup>  | 205.0  | 205.0                 | 199.0  | 199.0                 | 192.0  | 192.0                | 186.0  | 186.0                | 70                                                                                     |
| 75                                                                                   | 200.0* | 200.0 <sup>(11)</sup> | 198.0  | 198.0                 | 191.0  | 191.0                 | 185.0  | 185.0                 | 179.0  | 179.0                | 174.0  | 174.0                | 75                                                                                     |
| 80                                                                                   |        | 183.0 <sup>(11)</sup> | 185.0  | 185.0                 | 178.0  | 178.0                 | 173.0  | 173.0                 | 168.0  | 168.0                | 162.0  | 162.0                | 80                                                                                     |
| 85                                                                                   |        | 165.0 <sup>(11)</sup> | 172.0  | 172.0 <sup>(10)</sup> | 167.0  | 167.0                 | 162.0  | 162.0                 | 157.0  | 157.0                | 152.0  | 152.0 <sup>(3)</sup> | 85                                                                                     |
| 90                                                                                   |        | 149.0 <sup>(11)</sup> | 160.0  | 160.0                 | 157.0  | 157.0                 | 153.0  | 153.0                 | 148.0  | 148.0                | 143.0  | 143.0                | 90                                                                                     |
| 95                                                                                   |        | 137.0 <sup>(11)</sup> | 146.0* | 146.0                 | 146.0  | 146.0 <sup>(6)</sup>  | 144.0  | 144.0 <sup>(6)</sup>  | 139.0  | 139.0                | 135.0  | 135.0                | 95                                                                                     |
| 100                                                                                  |        | 124.0 <sup>(11)</sup> |        | 134.0 <sup>(11)</sup> | 137.0  | 137.0                 | 135.0  | 135.0                 | 132.0  | 132.0                | 128.0  | 128.0                | 100                                                                                    |
| 105                                                                                  |        | 114.0 <sup>(11)</sup> |        | 123.0 <sup>(11)</sup> | 128.0  | 128.0                 | 127.0  | 127.0                 | 125.0  | 125.0                | 121.0  | 121.0                | 105                                                                                    |
| 110                                                                                  |        | 106.0 <sup>(11)</sup> |        | 112.0 <sup>(11)</sup> | 121.0  | 121.0                 | 119.0  | 119.0 <sup>(8)</sup>  | 117.0  | 117.0                | 115.0  | 115.0                | 110                                                                                    |
| 115                                                                                  |        | 97.3 <sup>(11)</sup>  |        | 104.0 <sup>(11)</sup> | 111.0* | 111.0                 | 112.0  | 112.0 <sup>(9)</sup>  | 110.0  | 110.0 <sup>(7)</sup> | 108.0  | 108.0                | 115                                                                                    |
| 120                                                                                  |        | 88.8 <sup>(11)</sup>  |        | 95.2 <sup>(11)</sup>  |        | 102.0 <sup>(11)</sup> | 106.0  | 106.0 <sup>(10)</sup> | 104.0  | 104.0                | 102.0  | 102.0 <sup>(6)</sup> | 120                                                                                    |
| 125                                                                                  |        | 80.3 <sup>(11)</sup>  |        | 88.3 <sup>(11)</sup>  |        | 93.9 <sup>(11)</sup>  | 101.0  | 101.0                 | 98.3   | 98.3                 | 96.3   | 96.3                 | 125                                                                                    |
| 130                                                                                  |        | 74.2 <sup>(9)</sup>   |        | 82.0 <sup>(11)</sup>  |        | 86.9 <sup>(11)</sup>  | 95.3   | 95.3                  | 93.2   | 93.2 <sup>(9)</sup>  | 91.1   | 91.1                 | 130                                                                                    |
| 135                                                                                  |        | 68.6 <sup>(9)</sup>   |        | 75.7 <sup>(11)</sup>  |        | 80.5 <sup>(11)</sup>  | 88.0*  | 88.0                  | 88.4   | 88.4                 | 86.4   | 86.4                 | 135                                                                                    |
| 140                                                                                  |        | 62.9 <sup>(9)</sup>   |        | 69.4 <sup>(11)</sup>  |        | 74.2 <sup>(11)</sup>  |        | 80.4 <sup>(11)</sup>  | 84.0   | 84.0                 | 82.0   | 82.0                 | 140                                                                                    |
| 145                                                                                  |        | 57.3 <sup>(6)</sup>   |        | 63.2 <sup>(11)</sup>  |        | 69.1 <sup>(11)</sup>  |        | 74.3 <sup>(11)</sup>  | 80.0   | 80.0                 | 78.0   | 78.0                 | 145                                                                                    |
| 150                                                                                  |        | 52.6 <sup>(7)</sup>   |        | 58.3 <sup>(9)</sup>   |        | 64.2 <sup>(11)</sup>  |        | 69.2 <sup>(11)</sup>  | 76.3   | 76.3                 | 74.2   | 74.2                 | 150                                                                                    |
| 155                                                                                  |        | 48.4 <sup>(7)</sup>   |        | 53.9 <sup>(9)</sup>   |        | 59.3 <sup>(11)</sup>  |        | 64.2 <sup>(11)</sup>  | 70.6*  | 70.6                 | 70.8   | 70.8                 | 155                                                                                    |
| 160                                                                                  |        | 44.3 <sup>(7)</sup>   |        | 49.5 <sup>(9)</sup>   |        | 54.4 <sup>(11)</sup>  |        | 59.3 <sup>(11)</sup>  |        | 63.7 <sup>(11)</sup> | 67.5   | 67.5                 | 160                                                                                    |
| 165                                                                                  |        | 40.1 <sup>(6)</sup>   |        | 45.0 <sup>(9)</sup>   |        | 49.5 <sup>(11)</sup>  |        | 55.3 <sup>(11)</sup>  |        | 59.0 <sup>(11)</sup> | 64.6   | 64.6                 | 165                                                                                    |
| 170                                                                                  |        |                       |        | 41.1 <sup>(7)</sup>   |        | 45.4 <sup>(9)</sup>   |        | 51.3 <sup>(11)</sup>  |        | 55.0 <sup>(11)</sup> | 61.8   | 61.8                 | 170                                                                                    |
| 175                                                                                  |        |                       |        | 37.7 <sup>(7)</sup>   |        | 41.8 <sup>(9)</sup>   |        | 47.3 <sup>(11)</sup>  |        | 50.9 <sup>(11)</sup> | 57.1*  | 57.1                 | 175                                                                                    |
| 180                                                                                  |        |                       |        | 34.4 <sup>(7)</sup>   |        | 38.2 <sup>(9)</sup>   |        | 43.3 <sup>(11)</sup>  |        | 47.0 <sup>(11)</sup> |        | 50.8 <sup>(11)</sup> | 180                                                                                    |
| 185                                                                                  |        |                       |        | 31.0 <sup>(7)</sup>   |        | 34.6 <sup>(9)</sup>   |        | 38.8 <sup>(9)</sup>   |        | 43.7 <sup>(11)</sup> |        | 47.1 <sup>(11)</sup> | 185                                                                                    |
| 190                                                                                  |        |                       |        |                       |        | 31.2 <sup>(7)</sup>   |        | 35.7 <sup>(9)</sup>   |        | 40.4 <sup>(11)</sup> |        | 43.8 <sup>(11)</sup> | 190                                                                                    |
| 195                                                                                  |        |                       |        |                       |        | 28.4 <sup>(7)</sup>   |        | 32.7 <sup>(9)</sup>   |        | 37.0 <sup>(11)</sup> |        | 40.4 <sup>(11)</sup> | 195                                                                                    |
| 200                                                                                  |        |                       |        |                       |        | 25.6 <sup>(7)</sup>   |        | 29.7 <sup>(9)</sup>   |        | 33.7 <sup>(11)</sup> |        | 37.3 <sup>(11)</sup> | 200                                                                                    |
| 205                                                                                  |        |                       |        |                       |        |                       |        | 26.7 <sup>(9)</sup>   |        | 29.8 <sup>(9)</sup>  |        | 34.4 <sup>(11)</sup> | 205                                                                                    |
| 210                                                                                  |        |                       |        |                       |        |                       |        | 23.9 <sup>(7)</sup>   |        | 27.3 <sup>(9)</sup>  |        | 31.6 <sup>(11)</sup> | 210                                                                                    |
| 215                                                                                  |        |                       |        |                       |        |                       |        | 21.7 <sup>(7)</sup>   |        | 24.9 <sup>(9)</sup>  |        | 28.8 <sup>(11)</sup> | 215                                                                                    |
| 220                                                                                  |        |                       |        |                       |        |                       |        | 19.5 <sup>(7)</sup>   |        | 22.4 <sup>(9)</sup>  |        | 25.9 <sup>(11)</sup> | 220                                                                                    |
| 225                                                                                  |        |                       |        |                       |        |                       |        |                       |        | 19.9 <sup>(9)</sup>  |        | 22.6 <sup>(9)</sup>  | 225                                                                                    |
| 230                                                                                  |        |                       |        |                       |        |                       |        |                       |        | 17.3 <sup>(7)</sup>  |        | 20.6 <sup>(9)</sup>  | 230                                                                                    |
| 235                                                                                  |        |                       |        |                       |        |                       |        |                       |        | 15.3 <sup>(7)</sup>  |        | 18.7 <sup>(9)</sup>  | 235                                                                                    |
| 240                                                                                  |        |                       |        |                       |        |                       |        |                       |        | 13.4 <sup>(7)</sup>  |        | 16.7 <sup>(9)</sup>  | 240                                                                                    |
| 245                                                                                  |        |                       |        |                       |        |                       |        |                       |        |                      |        | 14.8 <sup>(9)</sup>  | 245                                                                                    |
| 250                                                                                  |        |                       |        |                       |        |                       |        |                       |        |                      |        | 12.1 <sup>(7)</sup>  | 250                                                                                    |
| 255                                                                                  |        |                       |        |                       |        |                       |        |                       |        |                      |        | 10.2 <sup>(7)</sup>  | 255                                                                                    |
| 260                                                                                  |        |                       |        |                       |        |                       |        |                       |        |                      |        | 8.3 <sup>(7)</sup>   | 260                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



|  ft | S 138  |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 177  |                      | W 197  |                      | W 217  |                      | W 236  |                      | W 256  |                      | W 276  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 65                                                                                   | 195.0  | 195.0 <sup>(1)</sup> |        |                      |        |                      |        |                      |        |                      |        |                      | 65                                                                                     |
| 70                                                                                   | 181.0  | 181.0                | 176.0  | 176.0 <sup>(1)</sup> |        |                      |        |                      |        |                      |        |                      | 70                                                                                     |
| 75                                                                                   | 169.0  | 169.0                | 164.0  | 164.0                | 159.0  | 159.0 <sup>(1)</sup> |        |                      |        |                      |        |                      | 75                                                                                     |
| 80                                                                                   | 158.0  | 158.0                | 154.0  | 154.0                | 149.0  | 149.0                | 143.0  | 143.0 <sup>(1)</sup> |        |                      |        |                      | 80                                                                                     |
| 85                                                                                   | 148.0  | 148.0                | 144.0  | 144.0                | 139.0  | 139.0                | 135.0  | 135.0                | 125.0  | 125.0                |        |                      | 85                                                                                     |
| 90                                                                                   | 139.0  | 139.0                | 136.0  | 136.0                | 131.0  | 131.0                | 127.0  | 127.0                | 122.0  | 122.0                | 107.0  | 107.0 <sup>(1)</sup> | 90                                                                                     |
| 95                                                                                   | 131.0  | 131.0 <sup>(3)</sup> | 128.0  | 128.0                | 123.0  | 123.0 <sup>(2)</sup> | 120.0  | 120.0                | 116.0  | 116.0                | 105.0  | 105.0                | 95                                                                                     |
| 100                                                                                  | 124.0  | 124.0                | 121.0  | 121.0                | 116.0  | 116.0                | 113.0  | 113.0 <sup>(2)</sup> | 110.0  | 110.0                | 103.0  | 103.0                | 100                                                                                    |
| 105                                                                                  | 117.0  | 117.0                | 114.0  | 114.0 <sup>(3)</sup> | 110.0  | 110.0                | 107.0  | 107.0                | 104.0  | 104.0                | 100.0  | 100.0                | 105                                                                                    |
| 110                                                                                  | 111.0  | 111.0                | 109.0  | 109.0                | 104.0  | 104.0 <sup>(3)</sup> | 101.0  | 101.0                | 98.3   | 98.3                 | 94.9   | 94.9                 | 110                                                                                    |
| 115                                                                                  | 106.0  | 106.0                | 103.0  | 103.0                | 99.1   | 99.1                 | 95.9   | 95.9                 | 93.1   | 93.1                 | 90.0   | 90.0                 | 115                                                                                    |
| 120                                                                                  | 100.0  | 100.0                | 98.1   | 98.1                 | 94.1   | 94.1                 | 91.2   | 91.2                 | 88.4   | 88.4                 | 85.3   | 85.3                 | 120                                                                                    |
| 125                                                                                  | 94.4   | 94.4                 | 93.1   | 93.1                 | 89.6   | 89.6                 | 86.7   | 86.7                 | 84.0   | 84.0                 | 81.1   | 81.1                 | 125                                                                                    |
| 130                                                                                  | 89.3   | 89.3                 | 88.0   | 88.0                 | 85.2   | 85.2                 | 82.5   | 82.5                 | 79.8   | 79.8                 | 77.0   | 77.0                 | 130                                                                                    |
| 135                                                                                  | 84.5   | 84.5                 | 83.3   | 83.3                 | 80.9   | 80.9                 | 78.6   | 78.6                 | 76.1   | 76.1                 | 73.3   | 73.3 <sup>(3)</sup>  | 135                                                                                    |
| 140                                                                                  | 80.2   | 80.2                 | 79.0   | 79.0                 | 76.5   | 76.5                 | 74.7   | 74.7                 | 72.4   | 72.4                 | 69.7   | 69.7                 | 140                                                                                    |
| 145                                                                                  | 76.1   | 76.1                 | 75.0   | 75.0                 | 72.5   | 72.5                 | 70.8   | 70.8                 | 68.9   | 68.9                 | 66.5   | 66.5                 | 145                                                                                    |
| 150                                                                                  | 72.4   | 72.4                 | 71.3   | 71.3                 | 68.9   | 68.9                 | 67.0   | 67.0                 | 65.4   | 65.4                 | 63.3   | 63.3                 | 150                                                                                    |
| 155                                                                                  | 69.0   | 69.0                 | 67.8   | 67.8                 | 65.5   | 65.5                 | 63.7   | 63.7                 | 61.9   | 61.9                 | 60.0   | 60.0                 | 155                                                                                    |
| 160                                                                                  | 65.7   | 65.7                 | 64.6   | 64.6                 | 62.2   | 62.2                 | 60.5   | 60.5                 | 58.8   | 58.8                 | 56.9   | 56.9                 | 160                                                                                    |
| 165                                                                                  | 62.7   | 62.7                 | 61.6   | 61.6                 | 59.3   | 59.3                 | 57.5   | 57.5                 | 55.8   | 55.8 <sup>(3)</sup>  | 53.9   | 53.9                 | 165                                                                                    |
| 170                                                                                  | 59.9   | 59.9                 | 58.8   | 58.8                 | 56.4   | 56.4                 | 54.7   | 54.7                 | 53.0   | 53.0                 | 51.2   | 51.2                 | 170                                                                                    |
| 175                                                                                  | 57.2   | 57.2                 | 56.1   | 56.1                 | 53.8   | 53.8                 | 52.1   | 52.1                 | 50.4   | 50.4                 | 48.6   | 48.6                 | 175                                                                                    |
| 180                                                                                  | 54.8   | 54.8                 | 53.6   | 53.6                 | 51.3   | 51.3                 | 49.6   | 49.6                 | 48.0   | 48.0                 | 46.2   | 46.2                 | 180                                                                                    |
| 185                                                                                  | 52.5   | 52.5                 | 51.3   | 51.3                 | 49.0   | 49.0                 | 47.3   | 47.3 <sup>(7)</sup>  | 45.7   | 45.7                 | 43.9   | 43.9                 | 185                                                                                    |
| 190                                                                                  | 50.3   | 50.3                 | 49.1   | 49.1                 | 46.8   | 46.8                 | 45.1   | 45.1                 | 43.5   | 43.5                 | 41.7   | 41.7                 | 190                                                                                    |
| 195                                                                                  | 46.4*  | 46.4                 | 47.0   | 47.0 <sup>(11)</sup> | 44.8   | 44.8                 | 43.1   | 43.1                 | 41.4   | 41.4                 | 39.7   | 39.7 <sup>(6)</sup>  | 195                                                                                    |
| 200                                                                                  |        | 40.5 <sup>(11)</sup> | 45.1   | 45.1                 | 42.8   | 42.8                 | 41.1   | 41.1                 | 39.5   | 39.5                 | 37.7   | 37.7                 | 200                                                                                    |
| 205                                                                                  |        | 37.5 <sup>(11)</sup> | 43.3   | 43.3                 | 41.0   | 41.0                 | 39.3   | 39.3                 | 37.7   | 37.7                 | 35.9   | 35.9                 | 205                                                                                    |
| 210                                                                                  |        | 34.6 <sup>(11)</sup> | 41.6   | 41.6                 | 39.2   | 39.2                 | 37.5   | 37.5                 | 35.9   | 35.9                 | 34.2   | 34.2                 | 210                                                                                    |
| 215                                                                                  |        | 31.8 <sup>(11)</sup> | 38.2*  | 38.2                 | 37.6   | 37.6                 | 35.9   | 35.9                 | 34.2   | 34.2                 | 32.5   | 32.5                 | 215                                                                                    |
| 220                                                                                  |        | 29.2 <sup>(11)</sup> |        | 32.5 <sup>(11)</sup> | 36.0   | 36.0                 | 34.3   | 34.3                 | 32.6   | 32.6                 | 30.9   | 30.9                 | 220                                                                                    |
| 225                                                                                  |        | 26.9 <sup>(11)</sup> |        | 30.0 <sup>(11)</sup> | 34.6   | 34.6                 | 32.8   | 32.8                 | 31.2   | 31.2                 | 29.4   | 29.4                 | 225                                                                                    |
| 230                                                                                  |        | 24.6 <sup>(11)</sup> |        | 27.6 <sup>(11)</sup> | 33.3   | 33.3                 | 31.4   | 31.4                 | 29.7   | 29.7                 | 28.0   | 28.0                 | 230                                                                                    |
| 235                                                                                  |        | 22.2 <sup>(11)</sup> |        | 25.1 <sup>(11)</sup> | 30.3*  | 30.3                 | 30.1   | 30.1                 | 28.4   | 28.4                 | 26.7   | 26.7                 | 235                                                                                    |
| 240                                                                                  |        | 19.9 <sup>(11)</sup> |        | 23.1 <sup>(11)</sup> |        | 24.8 <sup>(11)</sup> | 28.9   | 28.9                 | 27.1   | 27.1                 | 25.4   | 25.4                 | 240                                                                                    |
| 245                                                                                  |        | 16.9 <sup>(9)</sup>  |        | 21.2 <sup>(11)</sup> |        | 22.9 <sup>(11)</sup> | 27.7   | 27.7                 | 25.8   | 25.8                 | 24.1   | 24.1                 | 245                                                                                    |
| 250                                                                                  |        | 15.1 <sup>(9)</sup>  |        | 19.3 <sup>(11)</sup> |        | 20.9 <sup>(11)</sup> | 26.7   | 26.7                 | 24.7   | 24.7                 | 23.0   | 23.0                 | 250                                                                                    |
| 255                                                                                  |        | 13.3 <sup>(9)</sup>  |        | 17.4 <sup>(11)</sup> |        | 19.0 <sup>(11)</sup> | 24.1*  | 24.1                 | 23.6   | 23.6                 | 21.9   | 21.9                 | 255                                                                                    |
| 260                                                                                  |        | 11.5 <sup>(9)</sup>  |        | 15.4 <sup>(11)</sup> |        | 17.3 <sup>(11)</sup> |        | 19.2 <sup>(11)</sup> | 22.5   | 22.5                 | 21.0   | 21.0                 | 260                                                                                    |
| 265                                                                                  |        |                      |        | 12.7 <sup>(9)</sup>  |        | 15.7 <sup>(11)</sup> |        | 17.6 <sup>(11)</sup> | 21.7   | 21.7                 | 20.1   | 20.1                 | 265                                                                                    |
| 270                                                                                  |        |                      |        | 11.0 <sup>(9)</sup>  |        | 14.0 <sup>(11)</sup> |        | 16.0 <sup>(11)</sup> | 21.0   | 21.0                 | 19.3   | 19.3                 | 270                                                                                    |
| 275                                                                                  |        |                      |        | 9.3 <sup>(9)</sup>   |        | 12.4 <sup>(11)</sup> |        | 14.4 <sup>(11)</sup> | 18.9*  | 18.9                 | 18.5   | 18.5                 | 275                                                                                    |
| 280                                                                                  |        |                      |        | 7.6 <sup>(9)</sup>   |        | 10.7 <sup>(11)</sup> |        | 12.9 <sup>(11)</sup> |        | 14.5 <sup>(11)</sup> | 17.8   | 17.8                 | 280                                                                                    |
| 285                                                                                  |        |                      |        |                      |        |                      |        | 11.3 <sup>(11)</sup> |        | 13.1 <sup>(11)</sup> | 17.2   | 17.2                 | 285                                                                                    |
| 290                                                                                  |        |                      |        |                      |        |                      |        | 9.7 <sup>(11)</sup>  |        | 11.7 <sup>(11)</sup> | 16.6   | 16.6                 | 290                                                                                    |
| 295                                                                                  |        |                      |        |                      |        |                      |        | 8.2 <sup>(11)</sup>  |        | 6.7 <sup>(9)</sup>   | 14.8*  | 14.8                 | 295                                                                                    |
| 300                                                                                  |        |                      |        |                      |        |                      |        | 6.6 <sup>(11)</sup>  |        |                      |        | 10.3 <sup>(11)</sup> | 300                                                                                    |
| 305                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 9.0 <sup>(11)</sup>  | 305                                                                                    |
| 310                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 7.7 <sup>(11)</sup>  | 310                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°





|  ft | S 157  |                       |        |                       |        |                       |        |                      |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|-----------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 59   |                       | W 79   |                       | W 98   |                       | W 118  |                      | W 138  |                      | W 157  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 34                                                                                   | 432.0  |                       |        |                       |        |                       |        |                      |        |                      |        |                      | 34                                                                                     |
| 36                                                                                   | 409.0  | 409.0 <sup>(1)</sup>  |        |                       |        |                       |        |                      |        |                      |        |                      | 36                                                                                     |
| 38                                                                                   | 388.0  | 388.0                 |        |                       |        |                       |        |                      |        |                      |        |                      | 38                                                                                     |
| 40                                                                                   | 370.0  | 370.0                 | 356.0  | 356.0 <sup>(1)</sup>  |        |                       |        |                      |        |                      |        |                      | 40                                                                                     |
| 45                                                                                   | 330.0  | 330.0 <sup>(3)</sup>  | 318.0  | 318.0                 | 306.0  |                       |        |                      |        |                      |        |                      | 45                                                                                     |
| 50                                                                                   | 297.0  | 297.0 <sup>(4)</sup>  | 287.0  | 287.0                 | 276.0  | 276.0                 | 268.0  |                      |        |                      |        |                      | 50                                                                                     |
| 55                                                                                   | 271.0  | 271.0                 | 262.0  | 262.0                 | 252.0  | 252.0 <sup>(2)</sup>  | 245.0  | 245.0                | 193.0  |                      |        |                      | 55                                                                                     |
| 60                                                                                   | 248.0  | 248.0                 | 240.0  | 240.0                 | 232.0  | 232.0                 | 225.0  | 225.0 <sup>(2)</sup> | 217.0  | 217.0                |        |                      | 60                                                                                     |
| 65                                                                                   | 229.0  | 229.0                 | 222.0  | 222.0                 | 214.0  | 214.0                 | 208.0  | 208.0                | 201.0  | 201.0                | 195.0  | 195.0                | 65                                                                                     |
| 70                                                                                   | 213.0  | 213.0                 | 206.0  | 206.0 <sup>(6)</sup>  | 198.0  | 198.0 <sup>(4)</sup>  | 193.0  | 193.0 <sup>(3)</sup> | 187.0  | 187.0                | 181.0  | 181.0                | 70                                                                                     |
| 75                                                                                   | 201.0  | 201.0                 | 192.0  | 192.0 <sup>(7)</sup>  | 185.0  | 185.0                 | 180.0  | 180.0                | 174.0  | 174.0                | 169.0  | 169.0                | 75                                                                                     |
| 80                                                                                   | 180.0* | 180.0                 | 180.0  | 180.0                 | 173.0  | 173.0                 | 168.0  | 168.0 <sup>(4)</sup> | 163.0  | 163.0                | 158.0  | 158.0                | 80                                                                                     |
| 85                                                                                   |        | 163.0 <sup>(11)</sup> | 169.0  | 169.0                 | 163.0  | 163.0                 | 158.0  | 158.0                | 153.0  | 153.0                | 148.0  | 148.0                | 85                                                                                     |
| 90                                                                                   |        | 148.0 <sup>(11)</sup> | 158.0  | 158.0 <sup>(11)</sup> | 153.0  | 153.0                 | 149.0  | 149.0                | 144.0  | 144.0                | 140.0  | 140.0                | 90                                                                                     |
| 95                                                                                   |        | 134.0 <sup>(11)</sup> | 143.0* | 144.0 <sup>(11)</sup> | 145.0  | 145.0                 | 141.0  | 141.0                | 136.0  | 136.0                | 132.0  | 132.0                | 95                                                                                     |
| 100                                                                                  |        | 123.0 <sup>(11)</sup> | 134.0* | 134.0                 | 135.0  | 135.0 <sup>(9)</sup>  | 133.0  | 133.0                | 128.0  | 128.0 <sup>(5)</sup> | 125.0  | 125.0                | 100                                                                                    |
| 105                                                                                  |        | 112.0 <sup>(11)</sup> |        | 122.0 <sup>(11)</sup> | 127.0  | 127.0                 | 126.0  | 126.0                | 122.0  | 122.0                | 118.0  | 118.0                | 105                                                                                    |
| 110                                                                                  |        | 103.0 <sup>(11)</sup> |        | 111.0 <sup>(11)</sup> | 119.0  | 119.0                 | 118.0  | 118.0 <sup>(8)</sup> | 116.0  | 116.0                | 112.0  | 112.0 <sup>(5)</sup> | 110                                                                                    |
| 115                                                                                  |        | 95.2 <sup>(11)</sup>  |        | 102.0 <sup>(11)</sup> | 109.0* | 109.0 <sup>(11)</sup> | 111.0  | 111.0 <sup>(9)</sup> | 109.0  | 109.0                | 106.0  | 106.0                | 115                                                                                    |
| 120                                                                                  |        | 87.7 <sup>(11)</sup>  |        | 94.4 <sup>(11)</sup>  |        | 101.0 <sup>(11)</sup> | 105.0  | 105.0                | 103.0  | 103.0                | 101.0  | 101.0                | 120                                                                                    |
| 125                                                                                  |        | 80.3 <sup>(11)</sup>  |        | 86.4 <sup>(11)</sup>  |        | 93.3 <sup>(11)</sup>  | 99.4   | 99.4                 | 97.4   | 97.4                 | 95.4   | 95.4                 | 125                                                                                    |
| 130                                                                                  |        | 72.8 <sup>(11)</sup>  |        | 80.1 <sup>(11)</sup>  |        | 85.4 <sup>(11)</sup>  | 94.3   | 94.3                 | 92.2   | 92.2                 | 90.3   | 90.3 <sup>(7)</sup>  | 130                                                                                    |
| 135                                                                                  |        | 65.8 <sup>(9)</sup>   |        | 74.4 <sup>(11)</sup>  |        | 79.4 <sup>(11)</sup>  | 86.6*  | 86.6                 | 87.5   | 87.5                 | 85.5   | 85.5                 | 135                                                                                    |
| 140                                                                                  |        | 60.9 <sup>(9)</sup>   |        | 68.7 <sup>(11)</sup>  |        | 73.4 <sup>(11)</sup>  |        | 79.7 <sup>(11)</sup> | 83.1   | 83.1                 | 81.2   | 81.2                 | 140                                                                                    |
| 145                                                                                  |        | 56.0 <sup>(9)</sup>   |        | 63.0 <sup>(11)</sup>  |        | 67.3 <sup>(11)</sup>  |        | 73.7 <sup>(11)</sup> | 79.1   | 79.1                 | 77.2   | 77.2                 | 145                                                                                    |
| 150                                                                                  |        | 51.2 <sup>(9)</sup>   |        | 57.4 <sup>(11)</sup>  |        | 62.6 <sup>(11)</sup>  |        | 68.0 <sup>(11)</sup> | 75.4   | 75.4                 | 73.5   | 73.5                 | 150                                                                                    |
| 155                                                                                  |        | 46.3 <sup>(8)</sup>   |        | 51.9 <sup>(9)</sup>   |        | 58.1 <sup>(11)</sup>  |        | 63.3 <sup>(11)</sup> | 69.3*  | 69.3                 | 70.0   | 70.0                 | 155                                                                                    |
| 160                                                                                  |        | 42.0 <sup>(7)</sup>   |        | 48.0 <sup>(9)</sup>   |        | 53.6 <sup>(11)</sup>  |        | 58.5 <sup>(11)</sup> |        | 63.1 <sup>(11)</sup> | 66.8   | 66.8                 | 160                                                                                    |
| 165                                                                                  |        | 38.5 <sup>(7)</sup>   |        | 44.1 <sup>(9)</sup>   |        | 49.1 <sup>(11)</sup>  |        | 53.8 <sup>(11)</sup> |        | 58.3 <sup>(11)</sup> | 63.8   | 63.8                 | 165                                                                                    |
| 170                                                                                  |        | 35.0 <sup>(7)</sup>   |        | 40.2 <sup>(9)</sup>   |        | 44.6 <sup>(11)</sup>  |        | 50.0 <sup>(11)</sup> |        | 54.0 <sup>(11)</sup> | 61.1   | 61.1                 | 170                                                                                    |
| 175                                                                                  |        | 31.5 <sup>(7)</sup>   |        | 36.3 <sup>(9)</sup>   |        | 40.1 <sup>(9)</sup>   |        | 46.3 <sup>(11)</sup> |        | 50.1 <sup>(11)</sup> | 56.1*  | 56.1                 | 175                                                                                    |
| 180                                                                                  |        |                       |        | 32.6 <sup>(7)</sup>   |        | 36.8 <sup>(9)</sup>   |        | 42.6 <sup>(11)</sup> |        | 46.2 <sup>(11)</sup> |        | 50.3 <sup>(11)</sup> | 180                                                                                    |
| 185                                                                                  |        |                       |        | 29.7 <sup>(7)</sup>   |        | 33.6 <sup>(9)</sup>   |        | 38.9 <sup>(11)</sup> |        | 42.4 <sup>(11)</sup> |        | 46.4 <sup>(11)</sup> | 185                                                                                    |
| 190                                                                                  |        |                       |        | 26.8 <sup>(7)</sup>   |        | 30.4 <sup>(9)</sup>   |        | 35.2 <sup>(11)</sup> |        | 39.3 <sup>(11)</sup> |        | 43.0 <sup>(11)</sup> | 190                                                                                    |
| 195                                                                                  |        |                       |        | 23.9 <sup>(7)</sup>   |        | 27.1 <sup>(9)</sup>   |        | 31.3 <sup>(9)</sup>  |        | 36.2 <sup>(11)</sup> |        | 39.7 <sup>(11)</sup> | 195                                                                                    |
| 200                                                                                  |        |                       |        |                       |        | 24.0 <sup>(7)</sup>   |        | 28.7 <sup>(9)</sup>  |        | 33.0 <sup>(11)</sup> |        | 36.4 <sup>(11)</sup> | 200                                                                                    |
| 205                                                                                  |        |                       |        |                       |        | 21.8 <sup>(7)</sup>   |        | 26.0 <sup>(9)</sup>  |        | 29.9 <sup>(11)</sup> |        | 33.4 <sup>(11)</sup> | 205                                                                                    |
| 210                                                                                  |        |                       |        |                       |        | 19.5 <sup>(7)</sup>   |        | 23.3 <sup>(9)</sup>  |        | 26.7 <sup>(11)</sup> |        | 30.8 <sup>(11)</sup> | 210                                                                                    |
| 215                                                                                  |        |                       |        |                       |        | 17.2 <sup>(7)</sup>   |        | 20.7 <sup>(9)</sup>  |        | 23.5 <sup>(9)</sup>  |        | 28.2 <sup>(11)</sup> | 215                                                                                    |
| 220                                                                                  |        |                       |        |                       |        |                       |        | 17.9 <sup>(7)</sup>  |        | 21.4 <sup>(9)</sup>  |        | 25.6 <sup>(11)</sup> | 220                                                                                    |
| 225                                                                                  |        |                       |        |                       |        |                       |        | 15.8 <sup>(7)</sup>  |        | 19.3 <sup>(9)</sup>  |        | 23.0 <sup>(11)</sup> | 225                                                                                    |
| 230                                                                                  |        |                       |        |                       |        |                       |        | 13.8 <sup>(7)</sup>  |        | 17.2 <sup>(9)</sup>  |        | 20.4 <sup>(11)</sup> | 230                                                                                    |
| 235                                                                                  |        |                       |        |                       |        |                       |        | 11.8 <sup>(7)</sup>  |        | 15.1 <sup>(9)</sup>  |        | 17.4 <sup>(9)</sup>  | 235                                                                                    |
| 240                                                                                  |        |                       |        |                       |        |                       |        |                      |        | 12.4 <sup>(7)</sup>  |        | 15.6 <sup>(9)</sup>  | 240                                                                                    |
| 245                                                                                  |        |                       |        |                       |        |                       |        |                      |        | 10.4 <sup>(7)</sup>  |        | 13.7 <sup>(9)</sup>  | 245                                                                                    |
| 250                                                                                  |        |                       |        |                       |        |                       |        |                      |        | 8.4 <sup>(7)</sup>   |        | 11.8 <sup>(9)</sup>  | 250                                                                                    |
| 255                                                                                  |        |                       |        |                       |        |                       |        |                      |        | 6.5 <sup>(7)</sup>   |        | 9.9 <sup>(9)</sup>   | 255                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



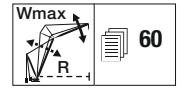
|  ft | S 157  |                      |        |                      |        |                      |        |                      |        |                      |        |                     |  ft |
|--------------------------------------------------------------------------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|---------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 177  |                      | W 197  |                      | W 217  |                      | W 236  |                      | W 256  |                      | W 276  |                     |                                                                                        |
|                                                                                      | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                |                                                                                        |
| 70                                                                                   | 175.0  | 175.0                |        |                      |        |                      |        |                      |        |                      |        |                     | 70                                                                                     |
| 75                                                                                   | 163.0  | 163.0                | 159.0  | 159.0                |        |                      |        |                      |        |                      |        |                     | 75                                                                                     |
| 80                                                                                   | 152.0  | 152.0                | 149.0  | 149.0                | 144.0  | 144.0                | 136.0  |                      |        |                      |        |                     | 80                                                                                     |
| 85                                                                                   | 143.0  | 143.0                | 140.0  | 140.0                | 135.0  | 135.0                | 131.0  | 131.0                | 118.0  |                      |        |                     | 85                                                                                     |
| 90                                                                                   | 135.0  | 135.0                | 132.0  | 132.0                | 127.0  | 127.0                | 123.0  | 123.0                | 116.0  | 116.0                | 102.0  |                     | 90                                                                                     |
| 95                                                                                   | 127.0  | 127.0 <sup>(3)</sup> | 124.0  | 124.0                | 119.0  | 119.0 <sup>(2)</sup> | 116.0  | 116.0                | 112.0  | 112.0                | 100.0  | 100.0               | 95                                                                                     |
| 100                                                                                  | 120.0  | 120.0                | 117.0  | 117.0                | 113.0  | 113.0                | 109.0  | 109.0                | 106.0  | 106.0                | 98.6   | 98.6                | 100                                                                                    |
| 105                                                                                  | 114.0  | 114.0                | 111.0  | 111.0                | 107.0  | 107.0                | 103.0  | 103.0                | 100.0  | 100.0                | 96.6   | 96.6                | 105                                                                                    |
| 110                                                                                  | 108.0  | 108.0                | 105.0  | 105.0                | 101.0  | 101.0                | 97.9   | 97.9                 | 95.0   | 95.0                 | 91.7   | 91.7                | 110                                                                                    |
| 115                                                                                  | 102.0  | 102.0                | 100.0  | 100.0                | 95.9   | 95.9                 | 92.8   | 92.8                 | 90.0   | 90.0                 | 86.9   | 86.9                | 115                                                                                    |
| 120                                                                                  | 97.4   | 97.4                 | 95.1   | 95.1                 | 91.2   | 91.2                 | 88.2   | 88.2                 | 85.5   | 85.5                 | 82.5   | 82.5                | 120                                                                                    |
| 125                                                                                  | 92.6   | 92.6                 | 90.5   | 90.5                 | 86.8   | 86.8                 | 83.9   | 83.9                 | 81.2   | 81.2                 | 78.3   | 78.3                | 125                                                                                    |
| 130                                                                                  | 87.8   | 87.8                 | 86.3   | 86.3                 | 82.7   | 82.7                 | 79.8   | 79.8                 | 77.2   | 77.2                 | 74.4   | 74.4                | 130                                                                                    |
| 135                                                                                  | 83.1   | 83.1                 | 81.9   | 81.9                 | 78.8   | 78.8                 | 76.1   | 76.1                 | 73.5   | 73.5                 | 70.8   | 70.8                | 135                                                                                    |
| 140                                                                                  | 78.8   | 78.8                 | 77.6   | 77.6                 | 75.1   | 75.1                 | 72.5   | 72.5                 | 70.0   | 70.0                 | 67.3   | 67.3                | 140                                                                                    |
| 145                                                                                  | 74.8   | 74.8                 | 73.7   | 73.7                 | 71.2   | 71.2                 | 69.2   | 69.2                 | 66.8   | 66.8                 | 64.2   | 64.2                | 145                                                                                    |
| 150                                                                                  | 71.1   | 71.1                 | 70.0   | 70.0                 | 67.6   | 67.6                 | 65.7   | 65.7                 | 63.7   | 63.7                 | 61.1   | 61.1                | 150                                                                                    |
| 155                                                                                  | 67.7   | 67.7                 | 66.6   | 66.6                 | 64.2   | 64.2                 | 62.4   | 62.4                 | 60.6   | 60.6                 | 58.3   | 58.3                | 155                                                                                    |
| 160                                                                                  | 64.5   | 64.5                 | 63.4   | 63.4                 | 61.0   | 61.0                 | 59.2   | 59.2                 | 57.6   | 57.6                 | 55.5   | 55.5                | 160                                                                                    |
| 165                                                                                  | 61.5   | 61.5                 | 60.4   | 60.4                 | 58.1   | 58.1                 | 56.3   | 56.3                 | 54.6   | 54.6                 | 52.7   | 52.7                | 165                                                                                    |
| 170                                                                                  | 58.7   | 58.7                 | 57.6   | 57.6                 | 55.3   | 55.3                 | 53.5   | 53.5                 | 51.9   | 51.9                 | 50.0   | 50.0                | 170                                                                                    |
| 175                                                                                  | 56.1   | 56.1                 | 55.0   | 55.0                 | 52.7   | 52.7                 | 50.9   | 50.9                 | 49.3   | 49.3                 | 47.4   | 47.4                | 175                                                                                    |
| 180                                                                                  | 53.7   | 53.7                 | 52.6   | 52.6                 | 50.2   | 50.2                 | 48.5   | 48.5                 | 46.9   | 46.9                 | 45.0   | 45.0                | 180                                                                                    |
| 185                                                                                  | 51.4   | 51.4                 | 50.2   | 50.2                 | 47.9   | 47.9                 | 46.2   | 46.2                 | 44.6   | 44.6                 | 42.8   | 42.8                | 185                                                                                    |
| 190                                                                                  | 49.3   | 49.3                 | 48.1   | 48.1                 | 45.8   | 45.8                 | 44.1   | 44.1                 | 42.4   | 42.4                 | 40.6   | 40.6                | 190                                                                                    |
| 195                                                                                  | 45.0*  | 45.0                 | 46.0   | 46.0                 | 43.7   | 43.7                 | 42.0   | 42.0                 | 40.4   | 40.4                 | 38.6   | 38.6                | 195                                                                                    |
| 200                                                                                  |        | 39.5 <sup>(11)</sup> | 44.1   | 44.1                 | 41.8   | 41.8                 | 40.1   | 40.1                 | 38.5   | 38.5                 | 36.7   | 36.7                | 200                                                                                    |
| 205                                                                                  |        | 36.2 <sup>(11)</sup> | 42.3   | 42.3                 | 40.0   | 40.0                 | 38.3   | 38.3                 | 36.7   | 36.7                 | 34.9   | 34.9                | 205                                                                                    |
| 210                                                                                  |        | 33.5 <sup>(11)</sup> | 40.6   | 40.6                 | 38.2   | 38.2                 | 36.5   | 36.5                 | 34.9   | 34.9                 | 33.2   | 33.2                | 210                                                                                    |
| 215                                                                                  |        | 30.7 <sup>(11)</sup> | 36.9*  | 36.9                 | 36.6   | 36.6                 | 34.9   | 34.9                 | 33.3   | 33.3                 | 31.5   | 31.5                | 215                                                                                    |
| 220                                                                                  |        | 27.9 <sup>(11)</sup> |        | 31.6 <sup>(11)</sup> | 35.1   | 35.1                 | 33.4   | 33.4                 | 31.7   | 31.7                 | 30.0   | 30.0                | 220                                                                                    |
| 225                                                                                  |        | 25.5 <sup>(11)</sup> |        | 28.9 <sup>(11)</sup> | 33.6   | 33.6                 | 31.9   | 31.9                 | 30.2   | 30.2                 | 28.5   | 28.5                | 225                                                                                    |
| 230                                                                                  |        | 23.4 <sup>(11)</sup> |        | 26.6 <sup>(11)</sup> | 32.3   | 32.3                 | 30.5   | 30.5                 | 28.8   | 28.8                 | 27.1   | 27.1                | 230                                                                                    |
| 235                                                                                  |        | 21.3 <sup>(11)</sup> |        | 24.2 <sup>(11)</sup> | 29.1*  | 29.1                 | 29.2   | 29.2                 | 27.5   | 27.5                 | 25.8   | 25.8                | 235                                                                                    |
| 240                                                                                  |        | 19.1 <sup>(11)</sup> |        | 21.9 <sup>(11)</sup> |        | 23.8 <sup>(11)</sup> | 28.0   | 28.0                 | 26.2   | 26.2                 | 24.5   | 24.5                | 240                                                                                    |
| 245                                                                                  |        | 17.0 <sup>(11)</sup> |        | 19.9 <sup>(11)</sup> |        | 21.7 <sup>(11)</sup> | 26.8   | 26.8                 | 25.0   | 25.0                 | 23.3   | 23.3                | 245                                                                                    |
| 250                                                                                  |        | 14.9 <sup>(11)</sup> |        | 18.1 <sup>(11)</sup> |        | 19.9 <sup>(11)</sup> | 25.8   | 25.8                 | 23.8   | 23.8 <sup>(11)</sup> | 22.2   | 22.2                | 250                                                                                    |
| 255                                                                                  |        | 12.1 <sup>(9)</sup>  |        | 16.4 <sup>(11)</sup> |        | 18.1 <sup>(11)</sup> | 22.9*  | 22.9                 | 22.7   | 22.7                 | 21.2   | 21.2                | 255                                                                                    |
| 260                                                                                  |        | 10.3 <sup>(9)</sup>  |        | 14.6 <sup>(11)</sup> |        | 16.3 <sup>(11)</sup> |        | 18.4 <sup>(11)</sup> | 21.8   | 21.8                 | 20.3   | 20.3                | 260                                                                                    |
| 265                                                                                  |        | 8.5 <sup>(9)</sup>   |        | 12.8 <sup>(11)</sup> |        | 14.6 <sup>(11)</sup> |        | 16.7 <sup>(11)</sup> | 21.0   | 21.0                 | 19.4   | 19.4                | 265                                                                                    |
| 270                                                                                  |        |                      |        | 11.0 <sup>(11)</sup> |        | 12.9 <sup>(11)</sup> |        | 15.1 <sup>(11)</sup> | 20.2   | 20.2                 | 18.6   | 18.6                | 270                                                                                    |
| 275                                                                                  |        |                      |        |                      |        | 11.2 <sup>(11)</sup> |        | 13.6 <sup>(11)</sup> | 18.0*  | 18.0                 | 17.9   | 17.9                | 275                                                                                    |
| 280                                                                                  |        |                      |        |                      |        | 9.5 <sup>(11)</sup>  |        | 8.3 <sup>(8)</sup>   |        | 13.7 <sup>(11)</sup> | 17.2   | 17.2                | 280                                                                                    |
| 285                                                                                  |        |                      |        |                      |        | 7.8 <sup>(11)</sup>  |        | 6.8 <sup>(8)</sup>   |        | 12.2 <sup>(11)</sup> | 16.5   | 16.5                | 285                                                                                    |
| 290                                                                                  |        |                      |        |                      |        | 6.1 <sup>(11)</sup>  |        |                      |        | 10.7 <sup>(11)</sup> | 15.9   | 15.9                | 290                                                                                    |
| 295                                                                                  |        |                      |        |                      |        |                      |        |                      |        | 9.3 <sup>(11)</sup>  | 13.9*  | 13.9                | 295                                                                                    |
| 300                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 9.5 <sup>(11)</sup> | 300                                                                                    |
| 305                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 7.9 <sup>(11)</sup> | 305                                                                                    |
| 310                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 6.3 <sup>(11)</sup> | 310                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



|  ft | S 177  |                       |        |                       |        |                      |        |                      |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 59   |                       | W 79   |                       | W 98   |                      | W 118  |                      | W 138  |                      | W 157  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 36                                                                                   | 390.0  | 391.0 <sup>(1)</sup>  |        |                       |        |                      |        |                      |        |                      |        |                      | 36                                                                                     |
| 38                                                                                   | 371.0  | 371.0 <sup>(1)</sup>  |        |                       |        |                      |        |                      |        |                      |        |                      | 38                                                                                     |
| 40                                                                                   | 354.0  | 354.0                 | 341.0  |                       |        |                      |        |                      |        |                      |        |                      | 40                                                                                     |
| 45                                                                                   | 317.0  | 317.0                 | 305.0  | 305.0                 | 294.0  |                      |        |                      |        |                      |        |                      | 45                                                                                     |
| 50                                                                                   | 286.0  | 286.0 <sup>(4)</sup>  | 276.0  | 276.0                 | 266.0  | 266.0                |        |                      |        |                      |        |                      | 50                                                                                     |
| 55                                                                                   | 261.0  | 261.0 <sup>(5)</sup>  | 252.0  | 252.0 <sup>(3)</sup>  | 243.0  | 243.0 <sup>(2)</sup> | 236.0  | 236.0                |        |                      |        |                      | 55                                                                                     |
| 60                                                                                   | 240.0  | 240.0                 | 232.0  | 232.0 <sup>(4)</sup>  | 224.0  | 224.0                | 217.0  | 217.0                | 209.0  | 209.0                |        |                      | 60                                                                                     |
| 65                                                                                   | 222.0  | 222.0 <sup>(8)</sup>  | 215.0  | 215.0                 | 207.0  | 207.0                | 201.0  | 201.0                | 194.0  | 194.0                | 188.0  | 188.0                | 65                                                                                     |
| 70                                                                                   | 207.0  | 207.0                 | 199.0  | 199.0                 | 192.0  | 192.0 <sup>(4)</sup> | 187.0  | 187.0                | 180.0  | 180.0                | 175.0  | 175.0                | 70                                                                                     |
| 75                                                                                   | 194.0  | 194.0                 | 186.0  | 186.0                 | 179.0  | 179.0                | 175.0  | 175.0                | 168.0  | 168.0                | 163.0  | 163.0 <sup>(2)</sup> | 75                                                                                     |
| 80                                                                                   | 174.0* | 174.0 <sup>(11)</sup> | 174.0  | 174.0 <sup>(8)</sup>  | 168.0  | 168.0                | 163.0  | 163.0 <sup>(4)</sup> | 157.0  | 157.0 <sup>(3)</sup> | 153.0  | 153.0                | 80                                                                                     |
| 85                                                                                   |        | 160.0 <sup>(11)</sup> | 164.0  | 164.0                 | 158.0  | 158.0                | 154.0  | 154.0                | 148.0  | 148.0                | 143.0  | 143.0                | 85                                                                                     |
| 90                                                                                   |        | 146.0 <sup>(11)</sup> | 155.0  | 155.0 <sup>(11)</sup> | 149.0  | 149.0                | 145.0  | 145.0                | 139.0  | 139.0 <sup>(4)</sup> | 135.0  | 135.0                | 90                                                                                     |
| 95                                                                                   |        | 132.0 <sup>(11)</sup> | 146.0  | 146.0                 | 141.0  | 141.0 <sup>(8)</sup> | 137.0  | 137.0                | 131.0  | 131.0                | 127.0  | 127.0                | 95                                                                                     |
| 100                                                                                  |        | 122.0 <sup>(11)</sup> | 132.0* | 132.0                 | 133.0  | 133.0 <sup>(9)</sup> | 130.0  | 130.0                | 124.0  | 124.0 <sup>(5)</sup> | 121.0  | 121.0                | 100                                                                                    |
| 105                                                                                  |        | 111.0 <sup>(11)</sup> |        | 121.0 <sup>(11)</sup> | 126.0  | 126.0                | 123.0  | 123.0                | 118.0  | 118.0                | 114.0  | 114.0                | 105                                                                                    |
| 110                                                                                  |        | 101.0 <sup>(11)</sup> |        | 111.0 <sup>(11)</sup> | 118.0  | 118.0                | 117.0  | 117.0 <sup>(8)</sup> | 112.0  | 112.0                | 108.0  | 108.0                | 110                                                                                    |
| 115                                                                                  |        | 92.7 <sup>(11)</sup>  |        | 100.0 <sup>(11)</sup> | 111.0  | 111.0                | 110.0  | 110.0                | 107.0  | 107.0                | 103.0  | 103.0                | 115                                                                                    |
| 120                                                                                  |        | 86.0 <sup>(11)</sup>  |        | 93.1 <sup>(11)</sup>  | 101.0* | 101.0                | 104.0  | 104.0                | 101.0  | 101.0                | 98.2   | 98.2                 | 120                                                                                    |
| 125                                                                                  |        | 79.3 <sup>(11)</sup>  |        | 85.6 <sup>(11)</sup>  |        | 92.5 <sup>(11)</sup> | 98.5   | 98.5                 | 95.9   | 95.9                 | 93.7   | 93.7                 | 125                                                                                    |
| 130                                                                                  |        | 72.6 <sup>(11)</sup>  |        | 78.2 <sup>(11)</sup>  |        | 85.0 <sup>(11)</sup> | 93.3   | 93.3                 | 90.8   | 90.8                 | 88.8   | 88.8                 | 130                                                                                    |
| 135                                                                                  |        | 65.9 <sup>(10)</sup>  |        | 72.3 <sup>(11)</sup>  |        | 78.0 <sup>(11)</sup> | 88.5   | 88.5                 | 86.1   | 86.1                 | 84.2   | 84.2                 | 135                                                                                    |
| 140                                                                                  |        | 59.3 <sup>(10)</sup>  |        | 67.1 <sup>(11)</sup>  |        | 72.3 <sup>(11)</sup> | 81.0*  | 81.0                 | 81.8   | 81.8                 | 79.9   | 79.9                 | 140                                                                                    |
| 145                                                                                  |        | 53.9 <sup>(9)</sup>   |        | 61.9 <sup>(11)</sup>  |        | 66.6 <sup>(11)</sup> |        | 73.1 <sup>(11)</sup> | 77.8   | 77.8                 | 75.9   | 75.9                 | 145                                                                                    |
| 150                                                                                  |        | 49.6 <sup>(9)</sup>   |        | 56.8 <sup>(11)</sup>  |        | 60.9 <sup>(11)</sup> |        | 67.3 <sup>(11)</sup> | 74.1   | 74.1                 | 72.2   | 72.2                 | 150                                                                                    |
| 155                                                                                  |        | 45.3 <sup>(9)</sup>   |        | 51.6 <sup>(11)</sup>  |        | 56.5 <sup>(11)</sup> |        | 62.2 <sup>(11)</sup> | 67.7*  | 67.7                 | 68.8   | 68.8                 | 155                                                                                    |
| 160                                                                                  |        | 41.1 <sup>(9)</sup>   |        | 46.4 <sup>(11)</sup>  |        | 52.3 <sup>(11)</sup> |        | 57.6 <sup>(11)</sup> | 64.6*  | 64.6                 | 65.6   | 65.6                 | 160                                                                                    |
| 165                                                                                  |        | 36.8 <sup>(8)</sup>   |        | 42.0 <sup>(9)</sup>   |        | 48.1 <sup>(11)</sup> |        | 53.0 <sup>(11)</sup> |        | 57.3 <sup>(11)</sup> | 62.7   | 62.7                 | 165                                                                                    |
| 170                                                                                  |        | 32.8 <sup>(7)</sup>   |        | 38.5 <sup>(9)</sup>   |        | 43.9 <sup>(11)</sup> |        | 48.5 <sup>(11)</sup> |        | 52.7 <sup>(11)</sup> | 59.9   | 59.9                 | 170                                                                                    |
| 175                                                                                  |        | 29.8 <sup>(7)</sup>   |        | 35.0 <sup>(9)</sup>   |        | 39.7 <sup>(11)</sup> |        | 45.0 <sup>(11)</sup> |        | 48.7 <sup>(11)</sup> | 54.6*  | 54.6                 | 175                                                                                    |
| 180                                                                                  |        | 26.9 <sup>(7)</sup>   |        | 31.5 <sup>(9)</sup>   |        | 35.5 <sup>(11)</sup> |        | 41.5 <sup>(11)</sup> |        | 44.9 <sup>(11)</sup> | 52.3*  | 52.3                 | 180                                                                                    |
| 185                                                                                  |        | 24.0 <sup>(7)</sup>   |        | 28.0 <sup>(9)</sup>   |        | 31.9 <sup>(9)</sup>  |        | 38.0 <sup>(11)</sup> |        | 41.2 <sup>(11)</sup> |        | 45.4 <sup>(11)</sup> | 185                                                                                    |
| 190                                                                                  |        | 21.1 <sup>(6)</sup>   |        | 24.6 <sup>(7)</sup>   |        | 29.1 <sup>(9)</sup>  |        | 34.5 <sup>(11)</sup> |        | 37.6 <sup>(11)</sup> |        | 41.6 <sup>(11)</sup> | 190                                                                                    |
| 195                                                                                  |        |                       |        | 22.2 <sup>(7)</sup>   |        | 26.3 <sup>(9)</sup>  |        | 31.0 <sup>(11)</sup> |        | 34.7 <sup>(11)</sup> |        | 38.4 <sup>(11)</sup> | 195                                                                                    |
| 200                                                                                  |        |                       |        | 19.8 <sup>(7)</sup>   |        | 23.4 <sup>(9)</sup>  |        | 27.5 <sup>(11)</sup> |        | 31.8 <sup>(11)</sup> |        | 35.3 <sup>(11)</sup> | 200                                                                                    |
| 205                                                                                  |        |                       |        | 17.4 <sup>(7)</sup>   |        | 20.6 <sup>(9)</sup>  |        | 24.5 <sup>(9)</sup>  |        | 28.9 <sup>(11)</sup> |        | 32.1 <sup>(11)</sup> | 205                                                                                    |
| 210                                                                                  |        |                       |        | 14.9 <sup>(7)</sup>   |        | 17.6 <sup>(7)</sup>  |        | 22.2 <sup>(9)</sup>  |        | 26.0 <sup>(11)</sup> |        | 29.2 <sup>(11)</sup> | 210                                                                                    |
| 215                                                                                  |        |                       |        |                       |        | 15.4 <sup>(7)</sup>  |        | 19.9 <sup>(9)</sup>  |        | 23.1 <sup>(11)</sup> |        | 26.8 <sup>(11)</sup> | 215                                                                                    |
| 220                                                                                  |        |                       |        |                       |        | 13.3 <sup>(7)</sup>  |        | 17.7 <sup>(9)</sup>  |        | 20.2 <sup>(11)</sup> |        | 24.4 <sup>(11)</sup> | 220                                                                                    |
| 225                                                                                  |        |                       |        |                       |        | 11.1 <sup>(7)</sup>  |        | 15.4 <sup>(9)</sup>  |        | 17.4 <sup>(9)</sup>  |        | 22.1 <sup>(11)</sup> | 225                                                                                    |
| 230                                                                                  |        |                       |        |                       |        | 9.0 <sup>(7)</sup>   |        | 12.7 <sup>(7)</sup>  |        | 15.4 <sup>(9)</sup>  |        | 19.7 <sup>(11)</sup> | 230                                                                                    |
| 235                                                                                  |        |                       |        |                       |        |                      |        | 10.6 <sup>(7)</sup>  |        | 13.4 <sup>(9)</sup>  |        | 17.3 <sup>(11)</sup> | 235                                                                                    |
| 240                                                                                  |        |                       |        |                       |        |                      |        |                      |        | 11.4 <sup>(9)</sup>  |        | 15.0 <sup>(11)</sup> | 240                                                                                    |
| 245                                                                                  |        |                       |        |                       |        |                      |        |                      |        | 9.4 <sup>(9)</sup>   |        | 12.2 <sup>(9)</sup>  | 245                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



|  ft | S 177  |                      |        |                      |        |                      |        |                      |        |                      |        |                     |  ft |
|--------------------------------------------------------------------------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|---------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 177  |                      | W 197  |                      | W 217  |                      | W 236  |                      | W 256  |                      | W 276  |                     |                                                                                        |
|                                                                                      | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                |                                                                                        |
| 70                                                                                   | 170.0  | 170.0                |        |                      |        |                      |        |                      |        |                      |        |                     | 70                                                                                     |
| 75                                                                                   | 158.0  | 158.0                | 153.0  | 153.0                |        |                      |        |                      |        |                      |        |                     | 75                                                                                     |
| 80                                                                                   | 148.0  | 148.0                | 144.0  | 144.0                | 138.0  | 138.0                |        |                      |        |                      |        |                     | 80                                                                                     |
| 85                                                                                   | 139.0  | 139.0                | 135.0  | 135.0                | 130.0  | 130.0                | 122.0  | 122.0                |        |                      |        |                     | 85                                                                                     |
| 90                                                                                   | 131.0  | 131.0                | 127.0  | 127.0                | 122.0  | 122.0                | 119.0  | 119.0                | 106.0  | 106.0                |        |                     | 90                                                                                     |
| 95                                                                                   | 124.0  | 124.0                | 120.0  | 120.0                | 115.0  | 115.0 <sup>(2)</sup> | 112.0  | 112.0                | 104.0  | 104.0                | 91.8   | 91.8                | 95                                                                                     |
| 100                                                                                  | 117.0  | 117.0                | 113.0  | 113.0                | 109.0  | 109.0                | 105.0  | 105.0                | 102.0  | 102.0                | 90.1   | 90.1                | 100                                                                                    |
| 105                                                                                  | 111.0  | 111.0                | 107.0  | 107.0 <sup>(3)</sup> | 103.0  | 103.0                | 99.8   | 99.8                 | 96.7   | 96.7                 | 88.5   | 88.5                | 105                                                                                    |
| 110                                                                                  | 105.0  | 105.0 <sup>(4)</sup> | 102.0  | 102.0                | 97.7   | 97.7                 | 94.5   | 94.5                 | 91.7   | 91.7                 | 87.0   | 87.0                | 110                                                                                    |
| 115                                                                                  | 99.9   | 99.9                 | 96.7   | 96.7                 | 92.7   | 92.7                 | 89.6   | 89.6                 | 86.9   | 86.9                 | 83.7   | 83.7 <sup>(2)</sup> | 115                                                                                    |
| 120                                                                                  | 95.1   | 95.1                 | 92.0   | 92.0                 | 88.1   | 88.1                 | 85.1   | 85.1                 | 82.5   | 82.5                 | 79.5   | 79.5                | 120                                                                                    |
| 125                                                                                  | 90.6   | 90.6                 | 87.6   | 87.6                 | 83.9   | 83.9                 | 80.9   | 80.9                 | 78.3   | 78.3                 | 75.4   | 75.4                | 125                                                                                    |
| 130                                                                                  | 86.5   | 86.5                 | 83.5   | 83.5                 | 79.9   | 79.9                 | 77.0   | 77.0                 | 74.5   | 74.5                 | 71.7   | 71.7                | 130                                                                                    |
| 135                                                                                  | 82.4   | 82.4                 | 79.7   | 79.7                 | 76.1   | 76.1                 | 73.4   | 73.4                 | 70.9   | 70.9                 | 68.1   | 68.1                | 135                                                                                    |
| 140                                                                                  | 78.1   | 78.1                 | 76.1   | 76.1                 | 72.7   | 72.7                 | 69.9   | 69.9                 | 67.5   | 67.5                 | 64.8   | 64.8                | 140                                                                                    |
| 145                                                                                  | 74.2   | 74.2 <sup>(7)</sup>  | 72.4   | 72.4                 | 69.4   | 69.4                 | 66.7   | 66.7                 | 64.4   | 64.4                 | 61.8   | 61.8                | 145                                                                                    |
| 150                                                                                  | 70.5   | 70.5                 | 68.7   | 68.7                 | 66.2   | 66.2                 | 63.7   | 63.7                 | 61.4   | 61.4                 | 58.8   | 58.8                | 150                                                                                    |
| 155                                                                                  | 67.1   | 67.1                 | 65.4   | 65.4                 | 62.9   | 62.9                 | 60.8   | 60.8                 | 58.6   | 58.6                 | 56.1   | 56.1                | 155                                                                                    |
| 160                                                                                  | 63.9   | 63.9                 | 62.2   | 62.2                 | 59.8   | 59.8                 | 58.0   | 58.0                 | 56.0   | 56.0                 | 53.5   | 53.5                | 160                                                                                    |
| 165                                                                                  | 61.0   | 61.0                 | 59.3   | 59.3                 | 56.8   | 56.8                 | 55.0   | 55.0                 | 53.4   | 53.4                 | 51.0   | 51.0                | 165                                                                                    |
| 170                                                                                  | 58.2   | 58.2                 | 56.5   | 56.5                 | 54.1   | 54.1                 | 52.3   | 52.3                 | 50.7   | 50.7                 | 48.6   | 48.6                | 170                                                                                    |
| 175                                                                                  | 55.6   | 55.6                 | 53.9   | 53.9                 | 51.5   | 51.5                 | 49.8   | 49.8                 | 48.1   | 48.1                 | 46.3   | 46.3                | 175                                                                                    |
| 180                                                                                  | 53.1   | 53.1                 | 51.5   | 51.5                 | 49.1   | 49.1                 | 47.4   | 47.4                 | 45.7   | 45.7                 | 43.9   | 43.9                | 180                                                                                    |
| 185                                                                                  | 50.8   | 50.8                 | 49.2   | 49.2                 | 46.8   | 46.8                 | 45.1   | 45.1                 | 43.5   | 43.5                 | 41.7   | 41.7                | 185                                                                                    |
| 190                                                                                  | 48.7   | 48.7                 | 47.0   | 47.0                 | 44.7   | 44.7                 | 43.0   | 43.0                 | 41.3   | 41.3                 | 39.5   | 39.5                | 190                                                                                    |
| 195                                                                                  | 44.1*  | 44.1                 | 45.0   | 45.0                 | 42.7   | 42.7                 | 40.9   | 40.9                 | 39.4   | 39.4                 | 37.5   | 37.5                | 195                                                                                    |
| 200                                                                                  | 42.3*  | 42.3                 | 43.1   | 43.1                 | 40.8   | 40.8                 | 39.0   | 39.0                 | 37.5   | 37.5                 | 35.7   | 35.7                | 200                                                                                    |
| 205                                                                                  |        | 35.8 <sup>(11)</sup> | 41.3   | 41.3                 | 39.0   | 39.0                 | 37.3   | 37.3                 | 35.7   | 35.7                 | 33.9   | 33.9                | 205                                                                                    |
| 210                                                                                  |        | 32.7 <sup>(11)</sup> | 39.6   | 39.6                 | 37.3   | 37.3                 | 35.5   | 35.5                 | 33.9   | 33.9                 | 32.2   | 32.2                | 210                                                                                    |
| 215                                                                                  |        | 30.0 <sup>(11)</sup> | 35.7*  | 35.7                 | 35.7   | 35.7                 | 33.9   | 33.9                 | 32.3   | 32.3                 | 30.6   | 30.6                | 215                                                                                    |
| 220                                                                                  |        | 27.2 <sup>(11)</sup> | 34.3*  | 34.3                 | 34.1   | 34.1                 | 32.4   | 32.4                 | 30.8   | 30.8                 | 29.0   | 29.0                | 220                                                                                    |
| 225                                                                                  |        | 24.5 <sup>(11)</sup> |        | 27.9 <sup>(11)</sup> | 32.7   | 32.7                 | 31.0   | 31.0                 | 29.3   | 29.3                 | 27.6   | 27.6                | 225                                                                                    |
| 230                                                                                  |        | 22.1 <sup>(11)</sup> |        | 25.4 <sup>(11)</sup> | 31.4   | 31.4                 | 29.6   | 29.6                 | 27.9   | 27.9                 | 26.2   | 26.2                | 230                                                                                    |
| 235                                                                                  |        | 20.2 <sup>(11)</sup> |        | 23.3 <sup>(11)</sup> | 27.9*  | 27.9                 | 28.3   | 28.3                 | 26.6   | 26.6                 | 24.9   | 24.9                | 235                                                                                    |
| 240                                                                                  |        | 18.2 <sup>(11)</sup> |        | 21.1 <sup>(11)</sup> |        | 23.1 <sup>(11)</sup> | 27.1   | 27.1                 | 25.3   | 25.3                 | 23.6   | 23.6                | 240                                                                                    |
| 245                                                                                  |        | 16.3 <sup>(11)</sup> |        | 18.9 <sup>(11)</sup> |        | 20.8 <sup>(11)</sup> | 25.9   | 25.9                 | 24.1   | 24.1                 | 22.4   | 22.4 <sup>(9)</sup> | 245                                                                                    |
| 250                                                                                  |        | 14.4 <sup>(11)</sup> |        | 16.9 <sup>(11)</sup> |        | 18.9 <sup>(11)</sup> | 24.9   | 24.9                 | 23.0   | 23.0                 | 21.4   | 21.4                | 250                                                                                    |
| 255                                                                                  |        | 12.4 <sup>(11)</sup> |        | 15.0 <sup>(11)</sup> |        | 17.1 <sup>(11)</sup> | 21.8*  | 21.8                 | 22.0   | 22.0                 | 20.5   | 20.5                | 255                                                                                    |
| 260                                                                                  |        | 10.4 <sup>(11)</sup> |        | 13.2 <sup>(11)</sup> |        | 15.4 <sup>(11)</sup> |        | 17.6 <sup>(11)</sup> | 21.1   | 21.1                 | 19.6   | 19.6                | 260                                                                                    |
| 265                                                                                  |        |                      |        | 11.3 <sup>(11)</sup> |        | 13.6 <sup>(11)</sup> |        | 15.8 <sup>(11)</sup> | 20.3   | 20.3                 | 18.7   | 18.7                | 265                                                                                    |
| 270                                                                                  |        |                      |        | 9.5 <sup>(11)</sup>  |        | 6.6 <sup>(7)</sup>   |        | 14.1 <sup>(11)</sup> | 19.5   | 19.5                 | 17.9   | 17.9                | 270                                                                                    |
| 275                                                                                  |        |                      |        | 7.6 <sup>(11)</sup>  |        |                      |        | 12.5 <sup>(11)</sup> | 17.1*  | 17.1                 | 17.2   | 17.2                | 275                                                                                    |
| 280                                                                                  |        |                      |        | 5.8 <sup>(11)</sup>  |        |                      |        | 10.9 <sup>(11)</sup> |        | 12.9 <sup>(11)</sup> | 16.5   | 16.5                | 280                                                                                    |
| 285                                                                                  |        |                      |        |                      |        |                      |        | 9.3 <sup>(11)</sup>  |        | 11.3 <sup>(11)</sup> | 15.8   | 15.8                | 285                                                                                    |
| 290                                                                                  |        |                      |        |                      |        |                      |        |                      |        | 9.5 <sup>(11)</sup>  | 15.2   | 15.2                | 290                                                                                    |
| 295                                                                                  |        |                      |        |                      |        |                      |        |                      |        | 7.8 <sup>(11)</sup>  | 12.9*  | 12.9                | 295                                                                                    |
| 300                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 8.3 <sup>(11)</sup> | 300                                                                                    |
| 305                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 5.0 <sup>(10)</sup> | 305                                                                                    |
| 310                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      |        | 3.4 <sup>(10)</sup> | 310                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



|  ft | S 197  |                       |        |                       |        |                      |        |                      |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 59   |                       | W 79   |                       | W 98   |                      | W 118  |                      | W 138  |                      | W 157  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 36                                                                                   | 373.0  |                       |        |                       |        |                      |        |                      |        |                      |        |                      | 36                                                                                     |
| 38                                                                                   | 355.0  | 355.0 <sup>(1)</sup>  |        |                       |        |                      |        |                      |        |                      |        |                      | 38                                                                                     |
| 40                                                                                   | 339.0  | 339.0                 |        |                       |        |                      |        |                      |        |                      |        |                      | 40                                                                                     |
| 45                                                                                   | 304.0  | 304.0                 | 293.0  | 293.0                 |        |                      |        |                      |        |                      |        |                      | 45                                                                                     |
| 50                                                                                   | 275.0  | 275.0                 | 266.0  | 266.0 <sup>(2)</sup>  | 257.0  | 257.0                |        |                      |        |                      |        |                      | 50                                                                                     |
| 55                                                                                   | 252.0  | 252.0 <sup>(5)</sup>  | 244.0  | 244.0                 | 235.0  | 235.0                | 227.0  | 227.0                |        |                      |        |                      | 55                                                                                     |
| 60                                                                                   | 232.0  | 232.0                 | 224.0  | 224.0                 | 216.0  | 216.0                | 209.0  | 209.0                | 202.0  | 202.0 <sup>(1)</sup> |        |                      | 60                                                                                     |
| 65                                                                                   | 214.0  | 214.0                 | 207.0  | 207.0                 | 200.0  | 200.0                | 194.0  | 194.0                | 188.0  | 188.0                | 181.0  | 181.0                | 65                                                                                     |
| 70                                                                                   | 200.0  | 200.0                 | 193.0  | 193.0                 | 186.0  | 186.0                | 180.0  | 180.0                | 175.0  | 175.0                | 168.0  | 168.0                | 70                                                                                     |
| 75                                                                                   | 187.0  | 187.0                 | 180.0  | 180.0                 | 174.0  | 174.0                | 169.0  | 169.0                | 163.0  | 163.0                | 157.0  | 157.0                | 75                                                                                     |
| 80                                                                                   | 168.0* | 169.0 <sup>(11)</sup> | 169.0  | 169.0                 | 163.0  | 163.0                | 158.0  | 158.0                | 153.0  | 153.0 <sup>(3)</sup> | 147.0  | 147.0                | 80                                                                                     |
| 85                                                                                   |        | 156.0 <sup>(11)</sup> | 159.0  | 159.0 <sup>(9)</sup>  | 153.0  | 153.0 <sup>(6)</sup> | 149.0  | 149.0                | 144.0  | 144.0                | 138.0  | 138.0                | 85                                                                                     |
| 90                                                                                   |        | 143.0 <sup>(11)</sup> | 151.0  | 151.0                 | 145.0  | 145.0                | 140.0  | 140.0 <sup>(5)</sup> | 135.0  | 135.0                | 130.0  | 130.0 <sup>(9)</sup> | 90                                                                                     |
| 95                                                                                   |        | 131.0 <sup>(11)</sup> | 143.0  | 143.0                 | 137.0  | 137.0                | 132.0  | 132.0                | 128.0  | 128.0                | 123.0  | 123.0                | 95                                                                                     |
| 100                                                                                  |        | 119.0 <sup>(11)</sup> | 129.0* | 129.0 <sup>(11)</sup> | 130.0  | 130.0                | 125.0  | 125.0                | 121.0  | 121.0                | 116.0  | 116.0 <sup>(4)</sup> | 100                                                                                    |
| 105                                                                                  |        | 109.0 <sup>(11)</sup> |        | 119.0 <sup>(11)</sup> | 123.0  | 123.0                | 119.0  | 119.0 <sup>(7)</sup> | 115.0  | 115.0                | 110.0  | 110.0                | 105                                                                                    |
| 110                                                                                  |        | 100.0 <sup>(11)</sup> |        | 109.0 <sup>(11)</sup> | 117.0  | 117.0                | 113.0  | 113.0                | 109.0  | 109.0 <sup>(6)</sup> | 105.0  | 105.0                | 110                                                                                    |
| 115                                                                                  |        | 90.7 <sup>(11)</sup>  |        | 99.9 <sup>(11)</sup>  | 110.0  | 110.0                | 108.0  | 108.0                | 104.0  | 104.0                | 99.7   | 99.7                 | 115                                                                                    |
| 120                                                                                  |        | 83.1 <sup>(11)</sup>  |        | 91.3 <sup>(11)</sup>  | 99.8*  | 99.8                 | 102.0  | 102.0                | 99.2   | 99.2                 | 95.0   | 95.0                 | 120                                                                                    |
| 125                                                                                  |        | 77.1 <sup>(11)</sup>  |        | 84.3 <sup>(11)</sup>  |        | 91.6 <sup>(11)</sup> | 96.9   | 96.9                 | 94.7   | 94.7                 | 90.6   | 90.6                 | 125                                                                                    |
| 130                                                                                  |        | 71.1 <sup>(11)</sup>  |        | 77.4 <sup>(11)</sup>  |        | 84.3 <sup>(11)</sup> | 91.8   | 91.8                 | 89.8   | 89.8                 | 86.5   | 86.5                 | 130                                                                                    |
| 135                                                                                  |        | 65.1 <sup>(11)</sup>  |        | 70.4 <sup>(11)</sup>  |        | 77.0 <sup>(11)</sup> | 87.0   | 87.0                 | 85.2   | 85.2                 | 82.6   | 82.6                 | 135                                                                                    |
| 140                                                                                  |        | 59.1 <sup>(10)</sup>  |        | 65.0 <sup>(11)</sup>  |        | 70.9 <sup>(11)</sup> | 79.1*  | 79.1                 | 80.9   | 80.9                 | 78.4   | 78.4                 | 140                                                                                    |
| 145                                                                                  |        | 53.1 <sup>(10)</sup>  |        | 60.2 <sup>(11)</sup>  |        | 65.5 <sup>(11)</sup> |        | 71.9 <sup>(11)</sup> | 76.9   | 76.9                 | 74.5   | 74.5                 | 145                                                                                    |
| 150                                                                                  |        | 47.1 <sup>(10)</sup>  |        | 55.5 <sup>(11)</sup>  |        | 60.1 <sup>(11)</sup> |        | 66.2 <sup>(11)</sup> | 73.3   | 73.3                 | 70.8   | 70.8                 | 150                                                                                    |
| 155                                                                                  |        | 43.0 <sup>(9)</sup>   |        | 50.7 <sup>(11)</sup>  |        | 54.7 <sup>(11)</sup> |        | 60.5 <sup>(11)</sup> | 69.8   | 69.8                 | 67.5   | 67.5                 | 155                                                                                    |
| 160                                                                                  |        | 39.3 <sup>(9)</sup>   |        | 46.0 <sup>(11)</sup>  |        | 50.5 <sup>(11)</sup> |        | 56.0 <sup>(11)</sup> | 63.3*  | 63.3                 | 64.3   | 64.3                 | 160                                                                                    |
| 165                                                                                  |        | 35.5 <sup>(9)</sup>   |        | 41.3 <sup>(11)</sup>  |        | 46.7 <sup>(11)</sup> |        | 51.6 <sup>(11)</sup> |        | 56.8 <sup>(11)</sup> | 61.4   | 61.4                 | 165                                                                                    |
| 170                                                                                  |        | 31.8 <sup>(9)</sup>   |        | 36.5 <sup>(11)</sup>  |        | 42.8 <sup>(11)</sup> |        | 47.3 <sup>(11)</sup> |        | 52.2 <sup>(11)</sup> | 58.7   | 58.7                 | 170                                                                                    |
| 175                                                                                  |        | 28.0 <sup>(8)</sup>   |        | 33.2 <sup>(9)</sup>   |        | 38.9 <sup>(11)</sup> |        | 42.9 <sup>(11)</sup> |        | 47.7 <sup>(11)</sup> | 56.1   | 56.1                 | 175                                                                                    |
| 180                                                                                  |        | 24.3 <sup>(8)</sup>   |        | 30.2 <sup>(9)</sup>   |        | 35.0 <sup>(11)</sup> |        | 39.7 <sup>(11)</sup> |        | 44.0 <sup>(11)</sup> | 50.7*  | 50.7                 | 180                                                                                    |
| 185                                                                                  |        | 21.6 <sup>(7)</sup>   |        | 27.2 <sup>(9)</sup>   |        | 31.1 <sup>(11)</sup> |        | 36.5 <sup>(11)</sup> |        | 40.4 <sup>(11)</sup> |        | 44.4 <sup>(11)</sup> | 185                                                                                    |
| 190                                                                                  |        | 19.1 <sup>(7)</sup>   |        | 24.2 <sup>(9)</sup>   |        | 27.2 <sup>(11)</sup> |        | 33.2 <sup>(11)</sup> |        | 36.8 <sup>(11)</sup> |        | 40.5 <sup>(11)</sup> | 190                                                                                    |
| 195                                                                                  |        | 16.6 <sup>(7)</sup>   |        | 21.2 <sup>(9)</sup>   |        | 24.5 <sup>(9)</sup>  |        | 30.0 <sup>(11)</sup> |        | 33.3 <sup>(11)</sup> |        | 37.0 <sup>(11)</sup> | 195                                                                                    |
| 200                                                                                  |        | 14.0 <sup>(7)</sup>   |        | 18.2 <sup>(9)</sup>   |        | 22.1 <sup>(9)</sup>  |        | 26.8 <sup>(11)</sup> |        | 30.6 <sup>(11)</sup> |        | 33.9 <sup>(11)</sup> | 200                                                                                    |
| 205                                                                                  |        | 11.5 <sup>(6)</sup>   |        | 15.7 <sup>(7)</sup>   |        | 19.7 <sup>(9)</sup>  |        | 23.5 <sup>(11)</sup> |        | 28.0 <sup>(11)</sup> |        | 30.8 <sup>(11)</sup> | 205                                                                                    |
| 210                                                                                  |        |                       |        | 13.4 <sup>(7)</sup>   |        | 17.2 <sup>(9)</sup>  |        | 19.9 <sup>(9)</sup>  |        | 25.4 <sup>(11)</sup> |        | 27.8 <sup>(11)</sup> | 210                                                                                    |
| 215                                                                                  |        |                       |        | 11.2 <sup>(7)</sup>   |        | 14.8 <sup>(9)</sup>  |        | 17.8 <sup>(9)</sup>  |        | 22.7 <sup>(11)</sup> |        | 25.0 <sup>(11)</sup> | 215                                                                                    |
| 220                                                                                  |        |                       |        | 8.9 <sup>(7)</sup>    |        | 12.4 <sup>(9)</sup>  |        | 15.6 <sup>(9)</sup>  |        | 20.1 <sup>(11)</sup> |        | 22.7 <sup>(11)</sup> | 220                                                                                    |
| 225                                                                                  |        |                       |        | 6.7 <sup>(7)</sup>    |        |                      |        | 13.5 <sup>(9)</sup>  |        | 17.4 <sup>(11)</sup> |        | 20.5 <sup>(11)</sup> | 225                                                                                    |
| 230                                                                                  |        |                       |        |                       |        |                      |        | 11.4 <sup>(9)</sup>  |        |                      |        | 18.3 <sup>(11)</sup> | 230                                                                                    |
| 235                                                                                  |        |                       |        |                       |        |                      |        | 9.2 <sup>(9)</sup>   |        |                      |        | 16.1 <sup>(11)</sup> | 235                                                                                    |
| 240                                                                                  |        |                       |        |                       |        |                      |        |                      |        |                      |        | 13.9 <sup>(11)</sup> | 240                                                                                    |
| 245                                                                                  |        |                       |        |                       |        |                      |        |                      |        |                      |        | 11.6 <sup>(11)</sup> | 245                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



|  ft | S 197  |                      |        |                      |        |                      |        |                      |        |                      |        |      |  ft |
|--------------------------------------------------------------------------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|------|----------------------------------------------------------------------------------------|
|                                                                                      | W 177  |                      | W 197  |                      | W 217  |                      | W 236  |                      | W 256  |                      | W 276  |      |                                                                                        |
|                                                                                      | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax |                                                                                        |
| 70                                                                                   | 163.0  | 163.0 <sup>(1)</sup> |        |                      |        |                      |        |                      |        |                      |        |      | 70                                                                                     |
| 75                                                                                   | 153.0  | 153.0                | 147.0  | 147.0                |        |                      |        |                      |        |                      |        |      | 75                                                                                     |
| 80                                                                                   | 143.0  | 143.0                | 139.0  | 139.0                | 130.0  | 130.0                |        |                      |        |                      |        |      | 80                                                                                     |
| 85                                                                                   | 134.0  | 134.0                | 130.0  | 130.0                | 125.0  | 125.0                | 114.0  | 114.0                |        |                      |        |      | 85                                                                                     |
| 90                                                                                   | 127.0  | 127.0                | 123.0  | 123.0                | 118.0  | 118.0                | 111.0  | 111.0                | 99.2   | 99.2                 |        |      | 90                                                                                     |
| 95                                                                                   | 119.0  | 119.0                | 116.0  | 116.0                | 111.0  | 111.0                | 108.0  | 108.0                | 97.2   | 97.2                 | 85.9   | 85.9 | 95                                                                                     |
| 100                                                                                  | 113.0  | 113.0                | 109.0  | 109.0                | 105.0  | 105.0                | 102.0  | 102.0                | 95.2   | 95.2                 | 84.3   | 84.3 | 100                                                                                    |
| 105                                                                                  | 107.0  | 107.0                | 104.0  | 104.0 <sup>(3)</sup> | 99.5   | 99.5                 | 96.2   | 96.2                 | 93.1   | 93.1                 | 82.8   | 82.8 | 105                                                                                    |
| 110                                                                                  | 102.0  | 102.0                | 98.3   | 98.3                 | 94.2   | 94.2                 | 91.0   | 91.0                 | 88.2   | 88.2                 | 81.4   | 81.4 | 110                                                                                    |
| 115                                                                                  | 96.5   | 96.5                 | 93.3   | 93.3                 | 89.4   | 89.4                 | 86.4   | 86.4                 | 83.7   | 83.7                 | 79.9   | 79.9 | 115                                                                                    |
| 120                                                                                  | 91.9   | 91.9                 | 88.8   | 88.8                 | 85.0   | 85.0                 | 82.0   | 82.0                 | 79.4   | 79.4                 | 76.4   | 76.4 | 120                                                                                    |
| 125                                                                                  | 87.6   | 87.6                 | 84.5   | 84.5                 | 80.8   | 80.8                 | 77.9   | 77.9                 | 75.3   | 75.3                 | 72.4   | 72.4 | 125                                                                                    |
| 130                                                                                  | 83.6   | 83.6                 | 80.6   | 80.6                 | 76.9   | 76.9                 | 74.1   | 74.1                 | 71.7   | 71.7                 | 68.9   | 68.9 | 130                                                                                    |
| 135                                                                                  | 79.8   | 79.8 <sup>(6)</sup>  | 77.0   | 77.0                 | 73.4   | 73.4                 | 70.6   | 70.6                 | 68.2   | 68.2                 | 65.4   | 65.4 | 135                                                                                    |
| 140                                                                                  | 76.3   | 76.3                 | 73.6   | 73.6                 | 70.0   | 70.0                 | 67.3   | 67.3                 | 64.9   | 64.9                 | 62.2   | 62.2 | 140                                                                                    |
| 145                                                                                  | 72.7   | 72.7                 | 70.4   | 70.4                 | 66.9   | 66.9                 | 64.2   | 64.2                 | 61.9   | 61.9                 | 59.3   | 59.3 | 145                                                                                    |
| 150                                                                                  | 69.1   | 69.1                 | 67.2   | 67.2                 | 63.9   | 63.9                 | 61.3   | 61.3                 | 59.0   | 59.0                 | 56.4   | 56.4 | 150                                                                                    |
| 155                                                                                  | 65.8   | 65.8                 | 64.0   | 64.0                 | 61.1   | 61.1                 | 58.6   | 58.6                 | 56.3   | 56.3                 | 53.8   | 53.8 | 155                                                                                    |
| 160                                                                                  | 62.6   | 62.6                 | 60.9   | 60.9                 | 58.4   | 58.4                 | 55.9   | 55.9                 | 53.8   | 53.8                 | 51.2   | 51.2 | 160                                                                                    |
| 165                                                                                  | 59.7   | 59.7                 | 58.0   | 58.0                 | 55.5   | 55.5                 | 53.5   | 53.5                 | 51.3   | 51.3                 | 48.9   | 48.9 | 165                                                                                    |
| 170                                                                                  | 56.9   | 56.9                 | 55.2   | 55.2                 | 52.8   | 52.8                 | 51.0   | 51.0                 | 49.1   | 49.1                 | 46.6   | 46.6 | 170                                                                                    |
| 175                                                                                  | 54.4   | 54.4                 | 52.7   | 52.7                 | 50.3   | 50.3                 | 48.5   | 48.5                 | 46.8   | 46.8                 | 44.5   | 44.5 | 175                                                                                    |
| 180                                                                                  | 52.0   | 52.0                 | 50.3   | 50.3                 | 47.9   | 47.9                 | 46.1   | 46.1                 | 44.5   | 44.5                 | 42.5   | 42.5 | 180                                                                                    |
| 185                                                                                  | 49.7   | 49.7                 | 48.0   | 48.0                 | 45.6   | 45.6                 | 43.9   | 43.9                 | 42.3   | 42.3                 | 40.4   | 40.4 | 185                                                                                    |
| 190                                                                                  | 47.6   | 47.6                 | 45.9   | 45.9                 | 43.5   | 43.5                 | 41.8   | 41.8                 | 40.2   | 40.2                 | 38.3   | 38.3 | 190                                                                                    |
| 195                                                                                  | 45.6   | 45.6                 | 43.9   | 43.9                 | 41.5   | 41.5                 | 39.8   | 39.8                 | 38.2   | 38.2                 | 36.4   | 36.4 | 195                                                                                    |
| 200                                                                                  | 40.9*  | 40.9                 | 42.0   | 42.0                 | 39.6   | 39.6                 | 37.9   | 37.9                 | 36.3   | 36.3                 | 34.5   | 34.5 | 200                                                                                    |
| 205                                                                                  |        | 34.8 <sup>(11)</sup> | 40.2   | 40.2                 | 37.9   | 37.9                 | 36.1   | 36.1                 | 34.5   | 34.5                 | 32.7   | 32.7 | 205                                                                                    |
| 210                                                                                  |        | 31.5 <sup>(11)</sup> | 38.6   | 38.6                 | 36.2   | 36.2                 | 34.5   | 34.5                 | 32.8   | 32.8                 | 31.1   | 31.1 | 210                                                                                    |
| 215                                                                                  |        | 28.8 <sup>(11)</sup> | 34.3*  | 34.3                 | 34.6   | 34.6                 | 32.9   | 32.9                 | 31.3   | 31.3                 | 29.5   | 29.5 | 215                                                                                    |
| 220                                                                                  |        | 26.2 <sup>(11)</sup> | 32.9*  | 32.9                 | 33.1   | 33.1                 | 31.3   | 31.3                 | 29.7   | 29.7                 | 28.0   | 28.0 | 220                                                                                    |
| 225                                                                                  |        | 23.6 <sup>(11)</sup> |        | 26.9 <sup>(11)</sup> | 31.7   | 31.7                 | 29.9   | 29.9                 | 28.3   | 28.3                 | 26.5   | 26.5 | 225                                                                                    |
| 230                                                                                  |        | 21.1 <sup>(11)</sup> |        | 24.1 <sup>(11)</sup> | 30.4   | 30.4                 | 28.6   | 28.6                 | 26.9   | 26.9 <sup>(9)</sup>  | 25.2   | 25.2 | 230                                                                                    |
| 235                                                                                  |        | 18.8 <sup>(11)</sup> |        | 22.0 <sup>(11)</sup> | 26.5*  | 26.5                 | 27.3   | 27.3                 | 25.6   | 25.6                 | 23.9   | 23.9 | 235                                                                                    |
| 240                                                                                  |        | 16.7 <sup>(11)</sup> |        | 20.0 <sup>(11)</sup> | 25.4*  | 25.4                 | 26.1   | 26.1                 | 24.4   | 24.4                 | 22.6   | 22.6 | 240                                                                                    |
| 245                                                                                  |        | 14.6 <sup>(11)</sup> |        | 17.9 <sup>(11)</sup> |        | 20.1 <sup>(11)</sup> | 24.9   | 24.9                 | 23.2   | 23.2                 | 21.6   | 21.6 | 245                                                                                    |
| 250                                                                                  |        | 12.6 <sup>(11)</sup> |        | 15.9 <sup>(11)</sup> |        | 17.9 <sup>(11)</sup> | 23.9   | 23.9                 | 22.1   | 22.1                 | 20.6   | 20.6 | 250                                                                                    |
| 255                                                                                  |        | 10.5 <sup>(11)</sup> |        | 10.3 <sup>(8)</sup>  |        | 16.0 <sup>(11)</sup> | 20.7*  | 20.7                 | 21.2   | 21.2                 | 19.7   | 19.7 | 255                                                                                    |
| 260                                                                                  |        | 8.4 <sup>(11)</sup>  |        |                      |        | 14.2 <sup>(11)</sup> | 20.0*  | 20.0                 | 20.3   | 20.3                 | 18.8   | 18.8 | 260                                                                                    |
| 265                                                                                  |        |                      |        |                      |        | 12.4 <sup>(11)</sup> |        | 14.9 <sup>(11)</sup> | 19.5   | 19.5                 | 18.0   | 18.0 | 265                                                                                    |
| 270                                                                                  |        |                      |        |                      |        | 10.6 <sup>(11)</sup> |        | 13.1 <sup>(11)</sup> | 18.8   | 18.8                 | 17.2   | 17.2 | 270                                                                                    |
| 275                                                                                  |        |                      |        |                      |        |                      |        | 11.3 <sup>(11)</sup> | 16.1*  | 16.1                 | 16.4   | 16.4 | 275                                                                                    |
| 280                                                                                  |        |                      |        |                      |        |                      |        | 9.4 <sup>(11)</sup>  | 15.5*  | 15.5                 | 15.7   | 15.7 | 280                                                                                    |
| 285                                                                                  |        |                      |        |                      |        |                      |        | 7.6 <sup>(11)</sup>  |        | 10.1 <sup>(11)</sup> | 15.1   | 15.1 | 285                                                                                    |
| 290                                                                                  |        |                      |        |                      |        |                      |        | 5.7 <sup>(11)</sup>  |        | 8.3 <sup>(11)</sup>  | 14.5   | 14.5 | 290                                                                                    |
| 295                                                                                  |        |                      |        |                      |        |                      |        |                      |        | 6.5 <sup>(11)</sup>  | 12.0*  | 12.0 | 295                                                                                    |
| 300                                                                                  |        |                      |        |                      |        |                      |        |                      |        |                      | 11.6*  | 11.6 | 300                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



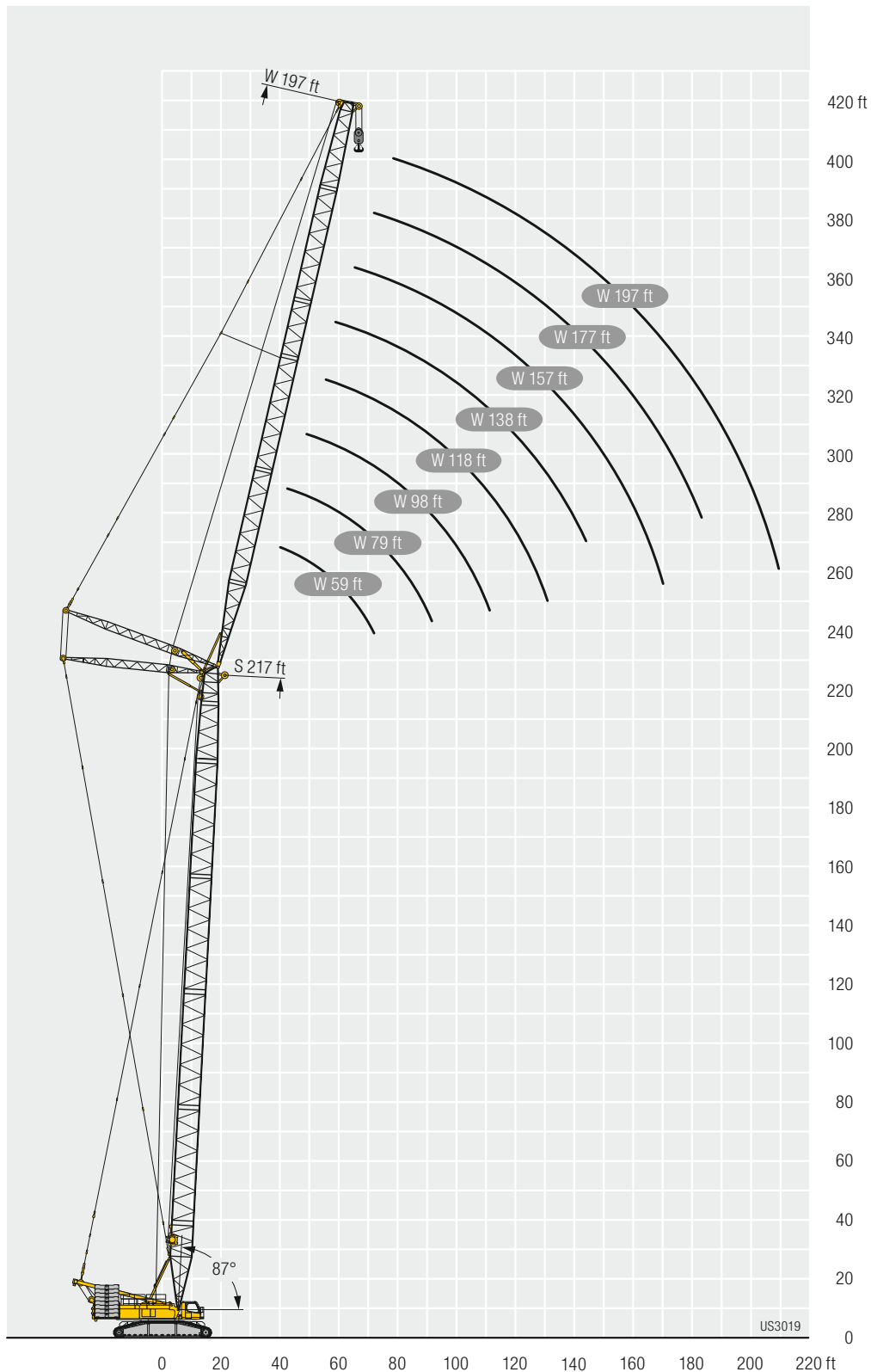
|  ft | S 217  |                       |        |                       |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  ft |
|--------------------------------------------------------------------------------------|--------|-----------------------|--------|-----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|----------------------------------------------------------------------------------------|
|                                                                                      | W 59   |                       | W 79   |                       | W 98   |                      | W 118  |                      | W 138  |                      | W 157  |                      | W 177  |                      | W 197  |                      |                                                                                        |
|                                                                                      | 87/85* | Wmax                  | 87/85* | Wmax                  | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 | 87/85* | Wmax                 |                                                                                        |
| 38                                                                                   | 331.0  | 331.0 <sup>(1)</sup>  |        |                       |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      | 38                                                                                     |
| 40                                                                                   | 324.0  | 324.0                 |        |                       |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      | 40                                                                                     |
| 45                                                                                   | 293.0  | 293.0                 | 279.0  | 279.0                 |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      | 45                                                                                     |
| 50                                                                                   | 266.0  | 266.0                 | 257.0  | 257.0                 | 243.0  | 243.0                |        |                      |        |                      |        |                      |        |                      |        |                      | 50                                                                                     |
| 55                                                                                   | 243.0  | 243.0                 | 235.0  | 235.0                 | 227.0  | 227.0                | 213.0  | 213.0                |        |                      |        |                      |        |                      |        |                      | 55                                                                                     |
| 60                                                                                   | 224.0  | 224.0 <sup>(6)</sup>  | 217.0  | 217.0                 | 209.0  | 209.0                | 203.0  | 203.0                | 187.0  | 187.0                |        |                      |        |                      |        |                      | 60                                                                                     |
| 65                                                                                   | 208.0  | 208.0                 | 201.0  | 201.0                 | 194.0  | 194.0                | 188.0  | 188.0                | 181.0  | 181.0                | 166.0  | 166.0                |        |                      |        |                      | 65                                                                                     |
| 70                                                                                   | 194.0  | 194.0                 | 187.0  | 187.0                 | 181.0  | 181.0                | 175.0  | 175.0                | 168.0  | 168.0 <sup>(2)</sup> | 161.0  | 161.0                | 147.0  | 147.0                |        |                      | 70                                                                                     |
| 75                                                                                   | 182.0  | 182.0                 | 175.0  | 175.0                 | 169.0  | 169.0                | 164.0  | 164.0                | 158.0  | 158.0                | 152.0  | 152.0                | 143.0  | 143.0                | 130.0  | 130.0                | 75                                                                                     |
| 80                                                                                   | 162.0* | 165.0 <sup>(11)</sup> | 164.0  | 164.0                 | 158.0  | 158.0 <sup>(6)</sup> | 154.0  | 154.0                | 148.0  | 148.0                | 142.0  | 142.0                | 138.0  | 138.0                | 127.0  | 127.0                | 80                                                                                     |
| 85                                                                                   | 153.0* | 153.0                 | 155.0  | 155.0                 | 149.0  | 149.0                | 144.0  | 144.0                | 139.0  | 139.0                | 134.0  | 134.0                | 130.0  | 130.0                | 123.0  | 123.0                | 85                                                                                     |
| 90                                                                                   |        | 140.0 <sup>(11)</sup> | 146.0  | 146.0 <sup>(10)</sup> | 141.0  | 141.0                | 136.0  | 136.0 <sup>(6)</sup> | 131.0  | 131.0                | 126.0  | 126.0 <sup>(9)</sup> | 122.0  | 122.0                | 118.0  | 118.0 <sup>(2)</sup> | 90                                                                                     |
| 95                                                                                   |        | 129.0 <sup>(11)</sup> | 139.0  | 139.0                 | 133.0  | 133.0                | 129.0  | 129.0                | 124.0  | 124.0                | 119.0  | 119.0                | 115.0  | 115.0                | 112.0  | 112.0                | 95                                                                                     |
| 100                                                                                  |        | 117.0 <sup>(11)</sup> | 125.0* | 126.0 <sup>(11)</sup> | 126.0  | 126.0                | 122.0  | 122.0                | 117.0  | 117.0                | 113.0  | 113.0                | 109.0  | 109.0                | 106.0  | 106.0                | 100                                                                                    |
| 105                                                                                  |        | 107.0 <sup>(11)</sup> | 119.0* | 119.0                 | 120.0  | 120.0                | 116.0  | 116.0                | 111.0  | 111.0                | 107.0  | 107.0                | 103.0  | 103.0                | 100.0  | 100.0                | 105                                                                                    |
| 110                                                                                  |        | 98.6 <sup>(11)</sup>  |        | 108.0 <sup>(11)</sup> | 115.0  | 115.0                | 110.0  | 110.0                | 106.0  | 106.0                | 101.0  | 101.0                | 98.1   | 98.1                 | 94.8   | 94.8                 | 110                                                                                    |
| 115                                                                                  |        | 90.3 <sup>(11)</sup>  |        | 98.9 <sup>(11)</sup>  | 109.0  | 109.0                | 105.0  | 105.0                | 101.0  | 101.0                | 96.3   | 96.3                 | 93.3   | 93.3                 | 90.1   | 90.1                 | 115                                                                                    |
| 120                                                                                  |        | 82.0 <sup>(11)</sup>  |        | 90.2 <sup>(11)</sup>  | 98.1*  | 98.1                 | 101.0  | 101.0                | 96.0   | 96.0                 | 91.8   | 91.8                 | 88.8   | 88.8                 | 85.7   | 85.7                 | 120                                                                                    |
| 125                                                                                  |        | 75.1 <sup>(11)</sup>  |        | 82.9 <sup>(11)</sup>  | 92.6*  | 92.6                 | 95.8   | 95.8                 | 91.7   | 91.7                 | 87.6   | 87.6                 | 84.6   | 84.6                 | 81.6   | 81.6                 | 125                                                                                    |
| 130                                                                                  |        | 69.6 <sup>(11)</sup>  |        | 76.5 <sup>(11)</sup>  |        | 83.7 <sup>(11)</sup> | 90.7   | 90.7                 | 87.7   | 87.7                 | 83.6   | 83.6                 | 80.7   | 80.7                 | 77.8   | 77.8                 | 130                                                                                    |
| 135                                                                                  |        | 64.2 <sup>(11)</sup>  |        | 70.0 <sup>(11)</sup>  |        | 76.7 <sup>(11)</sup> | 86.1   | 86.1                 | 83.6   | 83.6                 | 79.9   | 79.9                 | 77.1   | 77.1                 | 74.3   | 74.3                 | 135                                                                                    |
| 140                                                                                  |        | 58.8 <sup>(10)</sup>  |        | 63.5 <sup>(11)</sup>  |        | 69.7 <sup>(11)</sup> | 77.7*  | 77.7                 | 79.4   | 79.4                 | 76.6   | 76.6                 | 73.7   | 73.7                 | 71.0   | 71.0                 | 140                                                                                    |
| 145                                                                                  |        | 53.4 <sup>(10)</sup>  |        | 58.4 <sup>(11)</sup>  |        | 64.4 <sup>(11)</sup> |        | 71.3 <sup>(11)</sup> | 75.5   | 75.5                 | 73.0   | 73.0                 | 70.6   | 70.6                 | 67.8   | 67.8                 | 145                                                                                    |
| 150                                                                                  |        | 48.0 <sup>(10)</sup>  |        | 54.0 <sup>(11)</sup>  |        | 59.3 <sup>(11)</sup> |        | 65.8 <sup>(11)</sup> | 71.9   | 71.9                 | 69.4   | 69.4                 | 67.6   | 67.6                 | 64.9   | 64.9                 | 150                                                                                    |
| 155                                                                                  |        | 42.6 <sup>(10)</sup>  |        | 49.7 <sup>(11)</sup>  |        | 54.2 <sup>(11)</sup> |        | 60.3 <sup>(11)</sup> | 68.5   | 68.5                 | 66.1   | 66.1                 | 64.4   | 64.4                 | 62.2   | 62.2                 | 155                                                                                    |
| 160                                                                                  |        | 37.6 <sup>(9)</sup>   |        | 45.3 <sup>(11)</sup>  |        | 49.1 <sup>(11)</sup> |        | 55.0 <sup>(11)</sup> | 61.6*  | 61.6                 | 63.0   | 63.0                 | 61.3   | 61.3                 | 59.5   | 59.5                 | 160                                                                                    |
| 165                                                                                  |        | 34.4 <sup>(9)</sup>   |        | 41.0 <sup>(11)</sup>  |        | 45.2 <sup>(11)</sup> |        | 50.8 <sup>(11)</sup> |        | 55.7 <sup>(11)</sup> | 60.1   | 60.1                 | 58.4   | 58.4                 | 56.6   | 56.6                 | 165                                                                                    |
| 170                                                                                  |        | 31.2 <sup>(9)</sup>   |        | 36.7 <sup>(11)</sup>  |        | 41.7 <sup>(11)</sup> |        | 46.7 <sup>(11)</sup> |        | 51.2 <sup>(11)</sup> | 57.4   | 57.4                 | 55.7   | 55.7                 | 54.0   | 54.0                 | 170                                                                                    |
| 175                                                                                  |        | 28.0 <sup>(9)</sup>   |        | 32.3 <sup>(11)</sup>  |        | 38.1 <sup>(11)</sup> |        | 42.5 <sup>(11)</sup> |        | 46.7 <sup>(11)</sup> | 54.9   | 54.9                 | 53.1   | 53.1                 | 51.4   | 51.4                 | 175                                                                                    |
| 180                                                                                  |        | 24.9 <sup>(9)</sup>   |        | 28.3 <sup>(9)</sup>   |        | 34.5 <sup>(11)</sup> |        | 38.3 <sup>(11)</sup> |        | 42.7 <sup>(11)</sup> | 49.1*  | 49.1                 | 50.8   | 50.8                 | 49.0   | 49.0                 | 180                                                                                    |
| 185                                                                                  |        | 21.7 <sup>(8)</sup>   |        | 25.7 <sup>(9)</sup>   |        | 30.9 <sup>(11)</sup> |        | 35.4 <sup>(11)</sup> |        | 39.2 <sup>(11)</sup> |        | 43.3 <sup>(11)</sup> | 48.5   | 48.5                 | 46.8   | 46.8                 | 185                                                                                    |
| 190                                                                                  |        | 18.5 <sup>(8)</sup>   |        | 23.1 <sup>(9)</sup>   |        | 27.3 <sup>(11)</sup> |        | 32.4 <sup>(11)</sup> |        | 35.7 <sup>(11)</sup> |        | 39.6 <sup>(11)</sup> | 46.4   | 46.4                 | 44.7   | 44.7                 | 190                                                                                    |
| 195                                                                                  |        |                       |        | 20.5 <sup>(9)</sup>   |        | 23.8 <sup>(11)</sup> |        | 29.5 <sup>(11)</sup> |        | 32.2 <sup>(11)</sup> |        | 35.9 <sup>(11)</sup> | 44.5   | 44.5                 | 42.8   | 42.8                 | 195                                                                                    |
| 200                                                                                  |        |                       |        | 17.8 <sup>(9)</sup>   |        | 20.2 <sup>(9)</sup>  |        | 26.6 <sup>(11)</sup> |        | 28.8 <sup>(11)</sup> |        | 32.7 <sup>(11)</sup> | 39.4*  | 39.4                 | 40.9   | 40.9                 | 200                                                                                    |
| 205                                                                                  |        |                       |        | 15.2 <sup>(9)</sup>   |        | 17.9 <sup>(9)</sup>  |        | 23.7 <sup>(11)</sup> |        | 26.3 <sup>(11)</sup> |        | 29.7 <sup>(11)</sup> |        | 33.9 <sup>(11)</sup> | 39.1   | 39.1                 | 205                                                                                    |
| 210                                                                                  |        |                       |        | 12.6 <sup>(9)</sup>   |        | 15.6 <sup>(9)</sup>  |        | 20.8 <sup>(11)</sup> |        | 23.8 <sup>(11)</sup> |        | 26.8 <sup>(11)</sup> |        | 30.7 <sup>(11)</sup> | 37.5   | 37.5                 | 210                                                                                    |
| 215                                                                                  |        |                       |        |                       |        | 13.3 <sup>(9)</sup>  |        | 17.8 <sup>(11)</sup> |        | 21.3 <sup>(11)</sup> |        | 23.8 <sup>(11)</sup> |        | 27.5 <sup>(11)</sup> | 36.0   | 36.0                 | 215                                                                                    |
| 220                                                                                  |        |                       |        |                       |        | 11.0 <sup>(9)</sup>  |        |                      |        | 18.8 <sup>(11)</sup> |        | 21.1 <sup>(11)</sup> |        | 25.1 <sup>(11)</sup> | 31.5*  | 31.5                 | 220                                                                                    |
| 225                                                                                  |        |                       |        |                       |        | 8.7 <sup>(9)</sup>   |        |                      |        | 16.4 <sup>(11)</sup> |        | 18.8 <sup>(11)</sup> |        | 22.7 <sup>(11)</sup> |        | 26.1 <sup>(11)</sup> | 225                                                                                    |
| 230                                                                                  |        |                       |        |                       |        | 6.4 <sup>(9)</sup>   |        |                      |        | 13.9 <sup>(11)</sup> |        | 16.6 <sup>(11)</sup> |        | 20.3 <sup>(11)</sup> |        | 23.4 <sup>(11)</sup> | 230                                                                                    |
| 235                                                                                  |        |                       |        |                       |        |                      |        |                      |        | 11.4 <sup>(11)</sup> |        | 14.4 <sup>(11)</sup> |        | 17.9 <sup>(11)</sup> |        | 20.8 <sup>(11)</sup> | 235                                                                                    |
| 240                                                                                  |        |                       |        |                       |        |                      |        |                      |        |                      |        | 12.1 <sup>(11)</sup> |        | 8.9 <sup>(9)</sup>   |        | 18.8 <sup>(11)</sup> | 240                                                                                    |
| 245                                                                                  |        |                       |        |                       |        |                      |        |                      |        |                      |        | 9.9 <sup>(11)</sup>  |        |                      |        | 16.9 <sup>(11)</sup> | 245                                                                                    |
| 250                                                                                  |        |                       |        |                       |        |                      |        |                      |        |                      |        |                      |        |                      |        | 14.9 <sup>(11)</sup> | 250                                                                                    |
| 255                                                                                  |        |                       |        |                       |        |                      |        |                      |        |                      |        |                      |        |                      |        | 12.9 <sup>(11)</sup> | 255                                                                                    |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



# Lifting heights Hauteurs de levage

SW



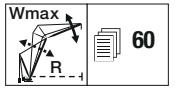
**SW**



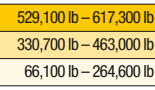
286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb



|  |   | S 118 |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
|----------------------------------------------------------------------------------|---|-------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|
|                                                                                  |   | W 59  |                     | W 79   |                     | W 98   |                     | W 118  |                     | W 138  |                     | W 157  |                     | W 177  |                     | W 197  |                     | W 217  |                     | W 236  |                     | W 256  |                     | W 276  |                     |
|                                                                                  |   | 85    | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                |
| 38                                                                               | - | 399.0 | 399.0               | 382.0* | 382.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
|                                                                                  | B | 551.0 | 551.0               | 488.0* | 488.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
| 40                                                                               | - | 379.0 | 380.0 <sup>1)</sup> | 370.0* | 370.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
|                                                                                  | B | 551.0 | 551.0               | 487.0* | 489.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
| 45                                                                               | - | 336.0 | 341.0 <sup>1)</sup> | 329.0* | 329.0 <sup>2)</sup> | 315.0* | 315.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
|                                                                                  | B | 551.0 | 551.0               | 490.0  | 490.0 <sup>1)</sup> | 490.0* | 490.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
| 50                                                                               | - | 301.0 | 305.0 <sup>1)</sup> | 296.0* | 296.0*              | 284.0* | 284.0*              | 274.0* | 274.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
|                                                                                  | B | 533.0 | 551.0 <sup>1)</sup> | 489.0  | 490.0 <sup>1)</sup> | 490.0  | 490.0 <sup>1)</sup> | 396.0* | 398.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
| 55                                                                               | - | 272.0 | 278.0 <sup>1)</sup> | 268.0* | 268.0*              | 257.0* | 257.0*              | 249.0* | 249.0*              | 240.0* | 240.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
|                                                                                  | B | 505.0 | 547.0 <sup>1)</sup> | 488.0  | 490.0 <sup>1)</sup> | 485.0  | 490.0 <sup>1)</sup> | 401.0  | 401.0 <sup>1)</sup> | 369.0* | 372.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
| 60                                                                               | - | 249.0 | 253.0 <sup>1)</sup> | 245.0* | 245.0*              | 235.0* | 235.0 <sup>2)</sup> | 228.0* | 228.0*              | 220.0* | 220.0*              | 214.0* | 214.0*              |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
|                                                                                  | B | 481.0 | 539.0 <sup>1)</sup> | 485.0  | 490.0 <sup>1)</sup> | 466.0  | 490.0 <sup>1)</sup> | 401.0  | 402.0 <sup>1)</sup> | 375.0  | 375.0               | 309.0* | 309.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |
| 65                                                                               | - | 229.0 | 234.0 <sup>1)</sup> | 226.0* | 226.0*              | 217.0* | 217.0*              | 210.0* | 210.0*              | 203.0* | 203.0 <sup>2)</sup> | 197.0* | 197.0*              | 191.0* | 191.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |
|                                                                                  | B | 443.0 | 518.0 <sup>1)</sup> | 470.0  | 490.0 <sup>2)</sup> | 444.0  | 490.0 <sup>1)</sup> | 399.0  | 404.0 <sup>1)</sup> | 370.0  | 372.0 <sup>1)</sup> | 309.0* | 309.0 <sup>1)</sup> | 271.0* | 272.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |
| 70                                                                               | - | 212.0 | 215.0 <sup>1)</sup> | 209.0* | 209.0*              | 201.0* | 201.0*              | 194.0* | 194.0 <sup>2)</sup> | 188.0* | 188.0*              | 182.0* | 182.0*              | 177.0* | 177.0*              | 172.0* | 172.0 <sup>1)</sup> | 167.0* | 167.0*              |        |                     |        |                     |        |                     |
|                                                                                  | B | 405.0 | 496.0 <sup>1)</sup> | 437.0  | 490.0 <sup>1)</sup> | 421.0  | 488.0 <sup>1)</sup> | 393.0  | 405.0 <sup>1)</sup> | 363.0  | 370.0 <sup>1)</sup> | 309.0  | 309.0 <sup>1)</sup> | 270.0* | 272.0 <sup>1)</sup> | 228.0* | 229.0 <sup>1)</sup> | 192.0* | 192.0*              |        |                     |        |                     |        |                     |
| 75                                                                               | - | 194.0 | 194.0               | 195.0* | 195.0*              | 186.0* | 186.0 <sup>2)</sup> | 181.0* | 181.0*              | 175.0* | 175.0*              | 170.0* | 170.0*              | 165.0* | 165.0*              | 160.0* | 160.0*              | 156.0* | 156.0 <sup>1)</sup> | 151.0* | 151.0*              |        |                     |        |                     |
|                                                                                  | B | 337.0 | 481.0 <sup>1)</sup> | 396.0  | 486.0 <sup>1)</sup> | 392.0  | 479.0 <sup>1)</sup> | 379.0  | 406.0 <sup>1)</sup> | 353.0  | 369.0 <sup>1)</sup> | 309.0  | 309.0 <sup>1)</sup> | 272.0  | 272.0               | 227.0* | 229.0 <sup>1)</sup> | 191.0* | 191.0 <sup>1)</sup> | 168.0* | 168.0*              |        |                     |        |                     |
| 80                                                                               | - |       | 176.0 <sup>1)</sup> | 180.0* | 180.0*              | 174.0* | 174.0*              | 169.0* | 169.0*              | 163.0* | 163.0*              | 159.0* | 159.0*              | 154.0* | 154.0*              | 150.0* | 150.0*              | 145.0* | 145.0 <sup>1)</sup> | 141.0* | 141.0 <sup>1)</sup> | 137.0* | 137.0*              |        |                     |
|                                                                                  | B |       | 464.0*              | 362.0  | 470.0 <sup>1)</sup> | 359.0  | 469.0 <sup>1)</sup> | 358.0  | 403.0 <sup>1)</sup> | 339.0  | 367.0 <sup>1)</sup> | 307.0  | 309.0 <sup>1)</sup> | 270.0  | 270.0               | 229.0  | 229.0 <sup>1)</sup> | 189.0* | 191.0 <sup>1)</sup> | 166.0* | 166.0 <sup>1)</sup> | 140.0* | 140.0*              |        |                     |
| 85                                                                               | - |       | 158.0 <sup>1)</sup> | 166.0* | 166.0 <sup>1)</sup> | 163.0* | 163.0*              | 158.0* | 158.0 <sup>2)</sup> | 153.0* | 153.0*              | 149.0* | 149.0*              | 144.0* | 144.0*              | 140.0* | 140.0 <sup>2)</sup> | 136.0* | 136.0*              | 132.0* | 132.0*              | 128.0* | 128.0 <sup>1)</sup> | 117.0* | 117.0*              |
|                                                                                  | B |       | 447.0*              | 339.0  | 456.0 <sup>1)</sup> | 330.0  | 460.0 <sup>1)</sup> | 330.0  | 398.0 <sup>1)</sup> | 322.0  | 364.0 <sup>1)</sup> | 301.0  | 309.0 <sup>1)</sup> | 265.0  | 267.0 <sup>1)</sup> | 228.0  | 228.0 <sup>1)</sup> | 190.0  | 190.0 <sup>1)</sup> | 164.0* | 165.0 <sup>1)</sup> | 139.0* | 139.0 <sup>1)</sup> | 117.0* | 117.0*              |
| 90                                                                               | - |       | 144.0 <sup>1)</sup> | 154.0* | 154.0*              | 151.0* | 151.0*              | 149.0* | 149.0*              | 143.0* | 143.0*              | 139.0* | 139.0*              | 135.0* | 135.0*              | 132.0* | 132.0*              | 128.0* | 128.0*              | 124.0* | 124.0*              | 121.0* | 121.0*              | 115.0* | 115.0*              |
|                                                                                  | B |       | 430.0*              | 311.0  | 439.0 <sup>1)</sup> | 305.0  | 443.0 <sup>1)</sup> | 305.0  | 393.0 <sup>1)</sup> | 303.0  | 355.0 <sup>1)</sup> | 292.0  | 309.0 <sup>1)</sup> | 259.0  | 264.0 <sup>1)</sup> | 227.0  | 227.0 <sup>1)</sup> | 189.0  | 189.0 <sup>1)</sup> | 164.0  | 164.0               | 137.0* | 138.0 <sup>1)</sup> | 115.0* | 116.0 <sup>1)</sup> |
| 95                                                                               | - |       | 130.0 <sup>1)</sup> | 141.0  | 141.0               | 141.0* | 141.0*              | 139.0* | 139.0*              | 135.0* | 135.0*              | 131.0* | 131.0*              | 127.0* | 127.0 <sup>2)</sup> | 124.0* | 124.0*              | 121.0* | 121.0*              | 117.0* | 117.0*              | 113.0* | 113.0*              | 110.0* | 110.0*              |
|                                                                                  | B |       | 412.0*              | 274.0  | 420.0 <sup>1)</sup> | 289.0  | 423.0 <sup>1)</sup> | 284.0  | 388.0 <sup>1)</sup> | 282.0  | 347.0 <sup>1)</sup> | 277.0  | 305.0 <sup>1)</sup> | 250.0  | 262.0 <sup>1)</sup> | 225.0  | 225.0 <sup>1)</sup> | 187.0  | 187.0 <sup>1)</sup> | 161.0  | 161.0 <sup>1)</sup> | 137.0  | 137.0 <sup>1)</sup> | 114.0* | 115.0 <sup>1)</sup> |
| 100                                                                              | - |       | 120.0 <sup>1)</sup> |        | 128.0 <sup>1)</sup> | 132.0* | 132.0*              | 130.0* | 130.0*              | 127.0* | 127.0*              | 124.0* | 124.0*              | 120.0* | 120.0*              | 117.0* | 117.0*              | 114.0* | 114.0*              | 110.0* | 110.0 <sup>2)</sup> | 107.0* | 107.0*              | 103.0* | 103.0*              |
|                                                                                  | B |       | 395.0*              |        | 401.0*              | 269.0  | 403.0 <sup>1)</sup> | 265.0  | 376.0 <sup>1)</sup> | 263.0  | 338.0 <sup>1)</sup> | 262.0  | 300.0 <sup>1)</sup> | 242.0  | 259.0 <sup>1)</sup> | 224.0  | 224.0 <sup>1)</sup> | 185.0  | 186.0 <sup>1)</sup> | 158.0  | 159.0 <sup>1)</sup> | 136.0  | 136.0 <sup>1)</sup> | 114.0  | 114.0 <sup>1)</sup> |
| 105                                                                              | - |       | 110.0 <sup>1)</sup> |        | 117.0 <sup>1)</sup> | 123.0* | 123.0 <sup>1)</sup> | 122.0* | 122.0*              | 119.0* | 119.0*              | 117.0* | 117.0*              | 114.0* | 114.0*              | 111.0* | 111.0*              | 107.0* | 107.0*              | 104.0* | 104.0*              | 101.0* | 101.0 <sup>2)</sup> | 97.7*  | 97.7*               |
|                                                                                  | B |       | 377.0*              |        | 382.0*              | 251.0  | 383.0 <sup>1)</sup> | 248.0  | 362.0 <sup>1)</sup> | 246.0  | 329.0 <sup>1)</sup> | 246.0  | 295.0 <sup>1)</sup> | 233.0  | 254.0 <sup>1)</sup> | 221.0  | 223.0 <sup>1)</sup> | 183.0  | 185.0 <sup>1)</sup> | 156.0  | 157.0 <sup>1)</sup> | 135.0  | 135.0 <sup>1)</sup> | 113.0  | 113.0 <sup>1)</sup> |
| 110                                                                              | - |       | 101.0 <sup>1)</sup> |        | 108.0 <sup>1)</sup> | 116.0* | 116.0*              | 114.0* | 114.0*              | 112.0* | 112.0*              | 110.0* | 110.0 <sup>1)</sup> | 108.0* | 108.0*              | 105.0* | 105.0*              | 102.0* | 102.0 <sup>2)</sup> | 98.6*  | 98.6*               | 95.6*  | 95.6*               | 92.3*  | 92.3*               |
|                                                                                  | B |       | 360.0*              |        | 363.0*              | 235.0  | 363.0 <sup>1)</sup> | 233.0  | 349.0 <sup>1)</sup> | 231.0  | 319.0 <sup>1)</sup> | 231.0  | 290.0 <sup>1)</sup> | 224.0  | 249.0 <sup>1)</sup> | 217.0  | 221.0 <sup>1)</sup> | 182.0  | 183.0 <sup>1)</sup> | 153.0  | 155.0 <sup>1)</sup> | 134.0  | 134.0 <sup>1)</sup> | 111.0  | 112.0 <sup>1)</sup> |
| 115                                                                              | - |       | 91.5 <sup>1)</sup>  |        | 98.9 <sup>1)</sup>  | 107.0  | 107.0               | 108.0* | 108.0*              | 105.0* | 105.0 <sup>2)</sup> | 104.0* | 104.0*              | 102.0* | 102.0*              | 99.5*  | 99.5*               | 96.5*  | 96.5*               | 93.4*  | 93.4*               | 90.5*  | 90.5*               | 87.5*  | 87.5*               |
|                                                                                  | B |       | 344.0*              |        | 344.0*              | 199.0  | 343.0 <sup>1)</sup> | 223.0  | 335.0 <sup>1)</sup> | 218.0  | 309.0 <sup>1)</sup> | 218.0  | 284.0 <sup>1)</sup> | 214.0  | 244.0 <sup>1)</sup> | 211.0  | 219.0 <sup>1)</sup> | 181.0  | 183.0 <sup>2)</sup> | 151.0  | 153.0 <sup>1)</sup> | 133.0  | 133.0 <sup>1)</sup> | 111.0  | 111.0 <sup>1)</sup> |
| 120                                                                              | - |       | 83.6 <sup>1)</sup>  |        | 91.6 <sup>1)</sup>  |        | 97.1 <sup>1)</sup>  | 102.0* | 102.0*              | 99.3*  | 99.3*               | 97.6*  | 97.6*               | 95.7*  | 95.7*               | 94.2*  | 94.2*               | 91.6*  | 91.6*               | 88.6*  | 88.6*               | 85.8*  | 85.8*               | 82.8*  | 82.8*               |
|                                                                                  | B |       | 327.0*              |        | 327.0*              |        | 325.0*              | 211.0  | 322.0 <sup>1)</sup> | 206.0  | 298.0 <sup>1)</sup> | 206.0  | 276.0 <sup>1)</sup> | 204.0  | 239.0 <sup>1)</sup> | 203.0  | 218.0*              | 180.0  | 182.0 <sup>2)</sup> | 148.0  | 151.0 <sup>1)</sup> | 132.0  | 132.0 <sup>2)</sup> | 110.0  | 110.0 <sup>1)</sup> |
| 125                                                                              | - |       | 77.1 <sup>1)</sup>  |        | 84.8 <sup>1)</sup>  |        | 89.4 <sup>1)</sup>  | 96.1*  | 96.1*               | 93.8*  | 93.8*               | 92.2*  | 92.2*               | 90.2*  | 90.2*               | 89.0*  | 89.0*               | 87.0*  | 87.0*               | 84.2*  | 84.2*               | 81.5*  | 81.5*               | 78.6*  | 78.6*               |
|                                                                                  | B |       | 309.0*              |        | 313.0*              |        | 310.0*              | 199.0  | 309.0 <sup>1)</sup> | 195.0  | 288.0 <sup>1)</sup> | 195.0  | 267.0 <sup>1)</sup> | 193.0  | 234.0 <sup>1)</sup> | 193.0  | 215.0 <sup>1)</sup> | 178.0  | 181.0 <sup>2)</sup> | 146.0  | 149.0 <sup>1)</sup> | 131.0  | 132.0*              | 109.0  | 109.0 <sup>1)</sup> |
| 130                                                                              | - |       | 70.7 <sup>1)</sup>  |        | 78.0 <sup>1)</sup>  |        | 82.8 <sup>1)</sup>  | 91.2*  | 91.2*               | 88.8*  | 88.8*               | 87.2*  | 87.2*               | 85.2*  | 85.2*               | 84.0*  | 84.0*               | 82.2*  | 82.2*               | 80.0*  | 80.0*               | 77.4*  | 77.4*               | 74.6*  | 74.6*               |
|                                                                                  | B |       | 292.0*              |        | 301.0*              |        | 296.0*              | 186.0  | 295.0 <sup>1)</sup> | 188.0  | 277.0 <sup>1)</sup> | 185.0  | 259.0 <sup>1)</sup> | 183.0  | 229.0 <sup>1)</sup> | 183.0  | 213.0 <sup>1)</sup> | 175.0  | 181.0 <sup>2)</sup> | 143.0  | 147.0 <sup>1)</sup> | 130.0  | 131.0*              | 108.0  | 108.0 <sup>2)</sup> |
| 135                                                                              | - |       | 64.3 <sup>1)</sup>  |        | 71.2 <sup>1)</sup>  |        | 76.3 <sup>1)</sup>  | 84.5   | 84.5                | 84.2*  | 84.2*               | 82.6*  | 82.6*               | 80.7*  | 80.7*               | 79.5*  | 79.5*               | 77.6*  | 77.6*               | 75.7*  | 75.7*               | 73.7*  | 73.7*               | 71.0*  | 71.0*               |
|                                                                                  | B |       | 274.0*              |        | 289.0*              |        | 285.0*              | 160.0  | 282.0 <sup>1)</sup> | 180.0  | 267.0 <sup>1)</sup> | 176.0  | 250.0 <sup>1)</sup> | 174.0  | 223.0 <sup>1)</sup> | 174.0  | 209.0 <sup>1)</sup> | 169.0  | 179.0 <sup>2)</sup> | 141.0  | 146.0 <sup>1)</sup> | 130.0  | 130.0 <sup>1)</sup> | 107.0  | 108.0 <sup>2)</sup> |
| 140                                                                              | - |       | 59.2 <sup>1)</sup>  |        | 65.2 <sup>1)</sup>  |        | 70.9 <sup>1)</sup>  |        | 76.2 <sup>1)</sup>  | 80.1*  | 80.1*               | 78.3*  | 78.3*               | 76.4*  | 76.4*               | 75.3*  | 75.3*               | 73.5*  | 73.5*               | 71.7*  | 71.7*               | 69.9*  | 69.9*               | 67.4*  | 67.4*               |
|                                                                                  | B |       | 257.0*              |        | 275.0*              |        | 272.0*              |        | 270.0*              | 170.0  | 257.0 <sup>1)</sup> | 170.0  | 242.0 <sup>1)</sup> | 166.0  |                     |        |                     |        |                     |        |                     |        |                     |        |                     |



| <div>ft</div> |   | S 118 |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|------------------------------------------------------------------------------------------------|---|-------|------|--------|------|--------|------|----------------------|------|----------------------|------|----------------------|------|----------------------|-------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|---------------------|------|
|                                                                                                |   | W 59  |      | W 79   |      | W 98   |      | W 118                |      | W 138                |      | W 157                |      | W 177                |       | W 197                |                     | W 217                |                     | W 236                |                     | W 256                |                     | W 276               |      |
|                                                                                                |   | 85    | Wmax | 87°/85 | Wmax | 87°/85 | Wmax | 87°/85               | Wmax | 87°/85               | Wmax | 87°/85               | Wmax | 87°/85               | Wmax  | 87°/85               | Wmax                | 87°/85               | Wmax                | 87°/85               | Wmax                | 87°/85               | Wmax                | 87°/85              | Wmax |
| 205                                                                                            | - |       |      |        |      |        |      | 24.4 <sup>(1)</sup>  |      | 27.7 <sup>(2)</sup>  |      | 32.3 <sup>(1)</sup>  |      | 35.2 <sup>(1)</sup>  | 40.8* | 40.8*                | 38.9*               | 38.9*                | 37.3*               | 37.3*                | 35.6*               | 35.6*                | 33.9*               | 33.9*               |      |
|                                                                                                | B |       |      |        |      |        |      | 156.0 <sup>(3)</sup> |      | 158.0 <sup>(4)</sup> |      | 157.0 <sup>(5)</sup> |      | 153.0 <sup>(6)</sup> | 95.6  | 145.0 <sup>(7)</sup> | 96.7                | 137.0 <sup>(8)</sup> | 94.2                | 119.0 <sup>(9)</sup> | 92.4                | 112.0 <sup>(9)</sup> | 90.9                | 98.8 <sup>(8)</sup> |      |
| 210                                                                                            | - |       |      |        |      |        |      | 21.8 <sup>(1)</sup>  |      | 25.0 <sup>(2)</sup>  |      | 29.3 <sup>(1)</sup>  |      | 32.3 <sup>(1)</sup>  | 39.3* | 39.3*                | 37.2*               | 37.2*                | 35.6*               | 35.6*                | 33.9*               | 33.9*                | 32.2*               | 32.2*               |      |
|                                                                                                | B |       |      |        |      |        |      | 147.0 <sup>(3)</sup> |      | 151.0 <sup>(4)</sup> |      | 151.0 <sup>(5)</sup> |      | 148.0 <sup>(6)</sup> | 89.7  | 141.0 <sup>(7)</sup> | 92.9                | 134.0 <sup>(8)</sup> | 92.0                | 117.0 <sup>(9)</sup> | 89.0                | 110.0 <sup>(9)</sup> | 87.6                | 97.7 <sup>(8)</sup> |      |
| 215                                                                                            | - |       |      |        |      |        |      | 21.8 <sup>(1)</sup>  |      | 26.4 <sup>(2)</sup>  |      | 29.8 <sup>(1)</sup>  |      | 32.9 <sup>(1)</sup>  | 35.7* | 35.7*                | 34.0*               | 34.0*                | 32.3*               | 32.3*                | 30.6*               | 30.6*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 145.0 <sup>(3)</sup> |      | 146.0 <sup>(4)</sup> |      | 143.0 <sup>(5)</sup> |      | 137.0 <sup>(6)</sup> | 89.3  | 130.0 <sup>(7)</sup> | 89.1                | 114.0 <sup>(8)</sup> | 89.1                | 114.0 <sup>(9)</sup> | 85.7                | 108.0 <sup>(9)</sup> | 84.3                | 95.9 <sup>(8)</sup> |      |
| 220                                                                                            | - |       |      |        |      |        |      | 19.9 <sup>(1)</sup>  |      | 23.4 <sup>(2)</sup>  |      | 27.3 <sup>(1)</sup>  |      | 30.4 <sup>(1)</sup>  | 34.2* | 34.2*                | 32.5*               | 32.5*                | 30.8*               | 30.8*                | 29.1*               | 29.1*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 140.0 <sup>(3)</sup> |      | 140.0 <sup>(4)</sup> |      | 138.0 <sup>(5)</sup> |      | 133.0 <sup>(6)</sup> | 85.9  | 127.0 <sup>(7)</sup> | 85.8                | 112.0 <sup>(8)</sup> | 83.3                | 106.0 <sup>(8)</sup> | 81.2                | 94.2 <sup>(8)</sup>  |                     |                     |      |
| 225                                                                                            | - |       |      |        |      |        |      | 18.0 <sup>(1)</sup>  |      | 21.3 <sup>(2)</sup>  |      | 24.9 <sup>(1)</sup>  |      | 27.9 <sup>(1)</sup>  | 32.8* | 32.8*                | 31.0*               | 31.0*                | 29.3*               | 29.3*                | 27.7*               | 27.7*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 135.0 <sup>(3)</sup> |      | 135.0 <sup>(4)</sup> |      | 133.0 <sup>(5)</sup> |      | 129.0 <sup>(6)</sup> | 81.8  | 124.0 <sup>(7)</sup> | 82.6                | 110.0 <sup>(8)</sup> | 81.5                | 105.0 <sup>(8)</sup> | 78.3                | 92.5 <sup>(8)</sup>  |                     |                     |      |
| 230                                                                                            | - |       |      |        |      |        |      | 16.1 <sup>(1)</sup>  |      | 19.1 <sup>(2)</sup>  |      | 22.5 <sup>(1)</sup>  |      | 25.5 <sup>(1)</sup>  | 31.6* | 31.6*                | 29.7*               | 29.7*                | 28.0*               | 28.0*                | 26.3*               | 26.3*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 130.0 <sup>(3)</sup> |      | 130.0 <sup>(4)</sup> |      | 128.0 <sup>(5)</sup> |      | 126.0 <sup>(6)</sup> | 76.8  | 120.0 <sup>(7)</sup> | 79.4                | 108.0 <sup>(8)</sup> | 79.2                | 103.0 <sup>(8)</sup> | 75.5                | 91.2 <sup>(8)</sup>  |                     |                     |      |
| 235                                                                                            | - |       |      |        |      |        |      | 16.4 <sup>(1)</sup>  |      | 20.1 <sup>(2)</sup>  |      | 23.4 <sup>(1)</sup>  |      | 26.4 <sup>(1)</sup>  |       | 25.4 <sup>(1)</sup>  | 28.4*               | 28.4*                | 26.7*               | 26.7*                | 25.0*               | 25.0*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 125.0 <sup>(3)</sup> |      | 125.0 <sup>(4)</sup> |      | 124.0 <sup>(5)</sup> |      | 122.0 <sup>(6)</sup> |       | 117.0 <sup>(7)</sup> | 76.5                | 105.0 <sup>(8)</sup> | 76.3                | 101.0 <sup>(8)</sup> | 73.4                | 90.2 <sup>(8)</sup>  |                     |                     |      |
| 240                                                                                            | - |       |      |        |      |        |      | 14.7 <sup>(1)</sup>  |      | 17.5 <sup>(2)</sup>  |      | 20.1 <sup>(1)</sup>  |      | 23.4 <sup>(1)</sup>  |       | 23.4 <sup>(1)</sup>  | 27.2*               | 27.2*                | 25.4*               | 25.4*                | 23.7*               | 23.7*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 121.0 <sup>(3)</sup> |      | 121.0 <sup>(4)</sup> |      | 120.0 <sup>(5)</sup> |      | 118.0 <sup>(6)</sup> |       | 114.0 <sup>(7)</sup> | 73.5                | 104.0 <sup>(8)</sup> | 73.5                | 98.4 <sup>(8)</sup>  | 71.7                | 89.2 <sup>(8)</sup>  |                     |                     |      |
| 245                                                                                            | - |       |      |        |      |        |      | 13.1 <sup>(1)</sup>  |      | 15.8 <sup>(2)</sup>  |      | 18.6 <sup>(1)</sup>  |      | 21.5 <sup>(1)</sup>  |       | 21.5 <sup>(1)</sup>  | 26.1*               | 26.1*                | 24.2*               | 24.2*                | 22.5*               | 22.5*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 117.0 <sup>(3)</sup> |      | 117.0 <sup>(4)</sup> |      | 116.0 <sup>(5)</sup> |      | 114.0 <sup>(6)</sup> |       | 111.0 <sup>(7)</sup> | 70.3                | 102.0 <sup>(8)</sup> | 70.7                | 96.2 <sup>(8)</sup>  | 70.0                | 88.2 <sup>(8)</sup>  |                     |                     |      |
| 250                                                                                            | - |       |      |        |      |        |      | 14.0 <sup>(1)</sup>  |      | 17.6 <sup>(2)</sup>  |      | 20.1 <sup>(1)</sup>  |      | 23.4 <sup>(1)</sup>  |       | 19.5 <sup>(1)</sup>  | 25.2*               | 25.2*                | 23.1*               | 23.1*                | 21.5*               | 21.5*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 113.0 <sup>(3)</sup> |      | 113.0 <sup>(4)</sup> |      | 109.0 <sup>(5)</sup> |      | 109.0 <sup>(6)</sup> |       | 109.0 <sup>(6)</sup> | 65.2                | 100.0 <sup>(7)</sup> | 68.1                | 94.3 <sup>(7)</sup>  | 67.6                | 86.6 <sup>(7)</sup>  |                     |                     |      |
| 255                                                                                            | - |       |      |        |      |        |      | 11.4 <sup>(1)</sup>  |      | 15.7 <sup>(2)</sup>  |      | 17.9 <sup>(1)</sup>  |      | 15.7 <sup>(1)</sup>  |       | 17.9 <sup>(1)</sup>  |                     | 19.7 <sup>(1)</sup>  | 22.1*               | 22.1*                | 20.6*               | 20.6*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 110.0 <sup>(3)</sup> |      | 110.0 <sup>(4)</sup> |      | 108.0 <sup>(5)</sup> |      | 108.0 <sup>(6)</sup> |       | 106.0 <sup>(7)</sup> |                     | 98.2 <sup>(7)</sup>  | 65.6                | 92.7 <sup>(7)</sup>  | 65.1                | 84.9 <sup>(7)</sup>  |                     |                     |      |
| 260                                                                                            | - |       |      |        |      |        |      | 9.8 <sup>(1)</sup>   |      | 13.3 <sup>(2)</sup>  |      | 16.2 <sup>(1)</sup>  |      | 16.2 <sup>(1)</sup>  |       | 16.2 <sup>(1)</sup>  |                     | 18.1 <sup>(1)</sup>  | 21.2*               | 21.2*                | 19.7*               | 19.7*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 107.0 <sup>(3)</sup> |      | 107.0 <sup>(4)</sup> |      | 105.0 <sup>(5)</sup> |      | 103.0 <sup>(6)</sup> |       | 103.0 <sup>(6)</sup> |                     | 96.3 <sup>(7)</sup>  | 63.0                | 91.1 <sup>(7)</sup>  | 62.7                | 83.2 <sup>(7)</sup>  |                     |                     |      |
| 265                                                                                            | - |       |      |        |      |        |      | 8.1 <sup>(1)</sup>   |      | 11.7 <sup>(2)</sup>  |      | 14.6 <sup>(1)</sup>  |      | 14.6 <sup>(1)</sup>  |       | 14.6 <sup>(1)</sup>  |                     | 16.5 <sup>(1)</sup>  | 20.4*               | 20.4*                | 18.9*               | 18.9*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 105.0 <sup>(3)</sup> |      | 105.0 <sup>(4)</sup> |      | 102.0 <sup>(5)</sup> |      | 101.0 <sup>(6)</sup> |       | 101.0 <sup>(6)</sup> |                     | 94.4 <sup>(7)</sup>  | 60.2                | 89.5 <sup>(7)</sup>  | 60.5                | 81.5 <sup>(7)</sup>  |                     |                     |      |
| 270                                                                                            | - |       |      |        |      |        |      | 10.2 <sup>(1)</sup>  |      | 12.9 <sup>(2)</sup>  |      | 15.0 <sup>(1)</sup>  |      | 15.0 <sup>(1)</sup>  |       | 15.0 <sup>(1)</sup>  |                     | 15.0 <sup>(1)</sup>  | 18.6                | 18.6                 | 18.1*               | 18.1*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 99.1 <sup>(3)</sup>  |      | 99.1 <sup>(4)</sup>  |      | 98.2 <sup>(5)</sup>  |      | 98.2 <sup>(6)</sup>  |       | 98.2 <sup>(6)</sup>  |                     | 92.5 <sup>(7)</sup>  | 55.0                | 87.7 <sup>(7)</sup>  | 58.3                | 79.8 <sup>(7)</sup>  |                     |                     |      |
| 275                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       | 10.3 <sup>(1)</sup>  |                     | 13.5 <sup>(1)</sup>  |                     | 14.9 <sup>(1)</sup>  | 17.4*               | 17.4*                |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       | 95.5 <sup>(7)</sup>  |                     | 90.6 <sup>(7)</sup>  |                     | 85.9 <sup>(7)</sup>  | 56.1                | 78.2 <sup>(7)</sup>  |                     |                     |      |
| 280                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      | 8.7 <sup>(1)</sup>  |                      | 12.1 <sup>(1)</sup> |                      | 13.5 <sup>(1)</sup> | 16.7*                | 16.7*               |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      | 94.7 <sup>(4)</sup> |                      | 92.3 <sup>(2)</sup> |                      | 88.7 <sup>(1)</sup> | 53.8                 | 76.5 <sup>(2)</sup> |                     |      |
| 285                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     | 10.6 <sup>(1)</sup>  |                     | 12.1 <sup>(1)</sup>  |                     | 16.0*                | 16.0*               |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     | 90.6 <sup>(3)</sup>  |                     | 90.3 <sup>(2)</sup>  |                     | 86.8 <sup>(1)</sup>  | 51.3                | 74.8 <sup>(1)</sup> |      |
| 290                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      | 9.1 <sup>(1)</sup>  |                      | 10.6 <sup>(1)</sup> | 14.4                 | 14.4                |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      | 84.9 <sup>(1)</sup> |                      | 80.5 <sup>(1)</sup> | 46.4                 | 73.5 <sup>(1)</sup> |                     |      |
| 295                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 10.7 <sup>(1)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 72.2 <sup>(1)</sup> |                     |      |
| 300                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 9.5 <sup>(1)</sup>  |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 70.9 <sup>(1)</sup> |                     |      |
| 305                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 8.3 <sup>(1)</sup>  |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 69.6 <sup>(1)</sup> |                     |      |
| 310                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 68.2 <sup>(1)</sup> |                     |      |
| 315                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 66.9 <sup>(1)</sup> |                     |      |
| 320                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 65.6 <sup>(1)</sup> |                     |      |
| 325                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 64.3 <sup>(1)</sup> |                     |      |
| 330                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 61.7 <sup>(2)</sup> |                     |      |
| 335                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 60.3 <sup>(2)</sup> |                     |      |
| 340                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 59.6 <sup>(2)</sup> |                     |      |
| 345                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 58.0 <sup>(2)</sup> |                     |      |
| 350                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 54.0 <sup>(4)</sup> |                     |      |
| 355                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 53.0 <sup>(4)</sup> |                     |      |
| 360                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 51.3 <sup>(3)</sup> |                     |      |
| 365                                                                                            | - |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      | 49.9 <sup>(3)</sup> |                     |      |
| 1: 12°; 2: 17°; 3: 22°; 4: 27°; 5: 32°; 6: 37°; 7: 42°; 8: 47°; 9: 52°; 10: 57°; 11: 62°       |   |       |      |        |      |        |      |                      |      |                      |      |                      |      |                      |       |                      |                     |                      |                     |                      |                     |                      |                     |                     |      |



286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb



60

| <div><div><div></div></div><div>ft</div></div> |   | S 138               |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
|------------------------------------------------|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|------|
|                                                |   | W 59                |                     | W 79                |                     | W 98                |                     | W 118               |                     | W 138               |                     | W 157               |                     | W 177               |                     | W 197               |                     | W 217               |                     | W 236               |                     | W 256               |                     | W 276               |      |
|                                                |   | 85                  | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax |
| 38                                             | - |                     |                     | 372.0*              | 372.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
|                                                | - |                     |                     | 455.0*              | 455.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
| 40                                             | - | 359.0               | 368.0 <sup>2)</sup> | 354.0*              | 354.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
|                                                | - | 551.0               | 551.0               | 455.0*              | 455.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
| 45                                             | - | 319.0               | 327.0 <sup>3)</sup> | 315.0*              | 315.0*              | 302.0*              | 302.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
|                                                | - | 551.0               | 551.0               | 455.0*              | 455.0 <sup>1)</sup> | 450.0*              | 452.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
| 50                                             | - | 287.0               | 293.0 <sup>4)</sup> | 284.0*              | 284.0*              | 273.0*              | 273.0*              | 264.0*              | 264.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
|                                                | - | 542.0               | 551.0 <sup>1)</sup> | 455.0*              | 455.0 <sup>1)</sup> | 433.0*              | 453.0 <sup>1)</sup> | 369.0*              | 370.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
| 55                                             | - | 260.0               | 265.0 <sup>5)</sup> | 258.0*              | 258.0*              | 248.0*              | 248.0*              | 240.0*              | 240.0*              | 232.0*              | 232.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
|                                                | - | 511.0               | 551.0 <sup>1)</sup> | 455.0*              | 455.0 <sup>1)</sup> | 449.0*              | 453.0 <sup>1)</sup> | 367.0*              | 372.0 <sup>1)</sup> | 337.0*              | 338.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
| 60                                             | - | 238.0               | 244.0 <sup>6)</sup> | 237.0*              | 237.0*              | 227.0*              | 227.0 <sup>3)</sup> | 220.0*              | 220.0 <sup>3)</sup> | 213.0*              | 213.0*              | 206.0*              | 206.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
|                                                | - | 488.0               | 543.0 <sup>1)</sup> | 455.0*              | 455.0 <sup>1)</sup> | 431.0*              | 452.0 <sup>1)</sup> | 373.0*              | 373.0 <sup>1)</sup> | 331.0*              | 339.0 <sup>1)</sup> | 290.0*              | 290.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
| 65                                             | - | 219.0               | 224.0 <sup>8)</sup> | 218.0*              | 218.0*              | 209.0*              | 209.0*              | 203.0*              | 203.0*              | 196.0*              | 196.0*              | 190.0*              | 190.0*              | 184.0*              | 184.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
|                                                | - | 461.0               | 530.0 <sup>2)</sup> | 442.0*              | 455.0 <sup>2)</sup> | 414.0*              | 452.0 <sup>1)</sup> | 371.0*              | 374.0 <sup>1)</sup> | 338.0*              | 339.0 <sup>1)</sup> | 287.0*              | 291.0 <sup>1)</sup> | 249.0*              | 250.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |      |
| 70                                             | - | 203.0               | 208.0 <sup>9)</sup> | 202.0*              | 202.0*              | 194.0*              | 194.0*              | 188.0*              | 188.0 <sup>3)</sup> | 182.0*              | 182.0*              | 176.0*              | 176.0*              | 171.0*              | 171.0*              | 166.0*              | 166.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |      |
|                                                | - | 420.0               | 510.0 <sup>2)</sup> | 423.0*              | 455.0 <sup>2)</sup> | 396.0*              | 451.0 <sup>1)</sup> | 364.0*              | 375.0 <sup>1)</sup> | 334.0*              | 338.0 <sup>1)</sup> | 291.0*              | 291.0 <sup>1)</sup> | 248.0*              | 250.0 <sup>1)</sup> | 212.0*              | 213.0 <sup>1)</sup> |                     |                     |                     |                     |                     |                     |                     |      |
| 75                                             | - | 190.0               | 191.0 <sup>1)</sup> | 188.0*              | 188.0*              | 181.0*              | 181.0*              | 175.0*              | 175.0*              | 169.0*              | 169.0*              | 164.0*              | 164.0*              | 159.0*              | 159.0*              | 155.0*              | 155.0*              | 150.0*              | 150.0 <sup>1)</sup> |                     |                     |                     |                     |                     |      |
|                                                | - | 368.0               | 493.0 <sup>1)</sup> | 403.0*              | 455.0 <sup>2)</sup> | 379.0*              | 447.0 <sup>1)</sup> | 353.0*              | 376.0 <sup>1)</sup> | 326.0*              | 337.0 <sup>1)</sup> | 289.0*              | 290.0 <sup>1)</sup> | 250.0*              | 250.0 <sup>1)</sup> | 211.0*              | 213.0 <sup>1)</sup> | 179.0*              | 179.0 <sup>1)</sup> |                     |                     |                     |                     |                     |      |
| 80                                             | - | 173.0 <sup>1)</sup> | 176.0*              | 176.0*              | 169.0*              | 169.0*              | 164.0*              | 164.0*              | 158.0*              | 158.0*              | 153.0*              | 153.0*              | 148.0*              | 148.0 <sup>1)</sup> | 145.0*              | 145.0*              | 140.0*              | 140.0*              | 136.0*              | 136.0 <sup>1)</sup> |                     |                     |                     |                     |      |
|                                                | - | 481.0 <sup>3)</sup> | 378.0*              | 455.0 <sup>1)</sup> | 362.0*              | 441.0 <sup>1)</sup> | 339.0*              | 377.0 <sup>1)</sup> | 315.0*              | 336.0 <sup>1)</sup> | 285.0*              | 288.0 <sup>1)</sup> | 249.0*              | 249.0*              | 213.0*              | 213.0 <sup>1)</sup> | 178.0*              | 179.0 <sup>1)</sup> | 155.0*              | 155.0 <sup>1)</sup> |                     |                     |                     |                     |      |
| 85                                             | - | 157.0 <sup>1)</sup> | 164.0*              | 164.0 <sup>1)</sup> | 158.0*              | 158.0*              | 154.0*              | 154.0*              | 148.0*              | 148.0*              | 144.0*              | 144.0*              | 139.0*              | 139.0*              | 136.0*              | 136.0*              | 132.0*              | 132.0*              | 128.0*              | 128.0*              | 124.0*              | 124.0 <sup>1)</sup> | 111.0*              | 111.0*              |      |
|                                                | - | 464.0 <sup>3)</sup> | 352.0*              | 449.0 <sup>2)</sup> | 342.0*              | 435.0 <sup>1)</sup> | 324.0*              | 376.0 <sup>1)</sup> | 304.0*              | 335.0 <sup>1)</sup> | 279.0*              | 287.0 <sup>1)</sup> | 247.0*              | 247.0*              | 212.0*              | 212.0 <sup>1)</sup> | 179.0*              | 179.0 <sup>1)</sup> | 153.0*              | 154.0 <sup>1)</sup> | 131.0*              | 131.0 <sup>1)</sup> | 111.0*              | 111.0*              |      |
| 90                                             | - | 141.0 <sup>1)</sup> | 152.0*              | 152.0*              | 149.0*              | 149.0*              | 144.0*              | 144.0*              | 139.0*              | 139.0*              | 135.0*              | 135.0*              | 131.0*              | 131.0*              | 128.0*              | 128.0*              | 124.0*              | 124.0*              | 120.0*              | 120.0*              | 116.0*              | 116.0*              | 109.0*              | 109.0 <sup>1)</sup> |      |
|                                                | - | 443.0 <sup>3)</sup> | 325.0*              | 442.0 <sup>2)</sup> | 318.0*              | 428.0 <sup>1)</sup> | 310.0*              | 374.0 <sup>1)</sup> | 292.0*              | 333.0 <sup>1)</sup> | 271.0*              | 286.0 <sup>1)</sup> | 243.0*              | 245.0 <sup>1)</sup> | 211.0*              | 211.0 <sup>1)</sup> | 177.0*              | 178.0 <sup>1)</sup> | 153.0*              | 153.0 <sup>1)</sup> | 129.0*              | 130.0 <sup>1)</sup> | 109.0*              | 109.0 <sup>1)</sup> |      |
| 95                                             | - | 129.0 <sup>1)</sup> | 138.0*              | 138.0 <sup>1)</sup> | 139.0*              | 139.0*              | 136.0*              | 136.0 <sup>1)</sup> | 131.0*              | 131.0*              | 127.0*              | 127.0*              | 123.0*              | 123.0 <sup>1)</sup> | 120.0*              | 120.0*              | 117.0*              | 117.0*              | 113.0*              | 113.0*              | 109.0*              | 109.0*              | 106.0*              | 106.0 <sup>1)</sup> |      |
|                                                | - | 422.0 <sup>3)</sup> | 296.0*              | 422.0 <sup>2)</sup> | 298.0*              | 415.0 <sup>1)</sup> | 295.0*              | 372.0 <sup>1)</sup> | 281.0*              | 330.0 <sup>1)</sup> | 262.0*              | 285.0 <sup>1)</sup> | 236.0*              | 243.0 <sup>1)</sup> | 209.0*              | 210.0 <sup>1)</sup> | 176.0*              | 176.0 <sup>1)</sup> | 151.0*              | 151.0 <sup>1)</sup> | 129.0*              | 129.0 <sup>1)</sup> | 108.0*              | 108.0 <sup>1)</sup> |      |
| 100                                            | - | 117.0 <sup>1)</sup> | 127.0 <sup>1)</sup> | 127.0 <sup>1)</sup> | 130.0*              | 130.0*              | 128.0*              | 128.0*              | 124.0*              | 124.0*              | 120.0*              | 120.0*              | 116.0*              | 116.0*              | 113.0*              | 113.0*              | 110.0*              | 110.0*              | 106.0*              | 106.0 <sup>1)</sup> | 103.0*              | 103.0*              | 99.8*               | 99.8*               |      |
|                                                | - | 401.0 <sup>3)</sup> | 403.0 <sup>2)</sup> | 280.0*              | 397.0 <sup>1)</sup> | 275.0*              | 371.0 <sup>1)</sup> | 268.0*              | 326.0 <sup>1)</sup> | 253.0*              | 282.0 <sup>1)</sup> | 230.0*              | 241.0 <sup>1)</sup> | 208.0*              | 208.0 <sup>1)</sup> | 174.0*              | 175.0 <sup>1)</sup> | 149.0*              | 150.0 <sup>1)</sup> | 128.0*              | 128.0 <sup>1)</sup> | 108.0*              | 108.0 <sup>1)</sup> |                     |      |
| 105                                            | - | 107.0 <sup>1)</sup> | 116.0 <sup>1)</sup> | 122.0*              | 122.0*              | 120.0*              | 120.0*              | 118.0*              | 118.0*              | 114.0*              | 114.0*              | 110.0*              | 110.0*              | 107.0*              | 107.0*              | 104.0*              | 104.0*              | 101.0*              | 101.0*              | 97.4*               | 97.4*               | 94.2*               | 94.2*               |                     |      |
|                                                | - | 380.0 <sup>3)</sup> | 383.0 <sup>2)</sup> | 261.0*              | 379.0 <sup>1)</sup> | 257.0*              | 359.0 <sup>1)</sup> | 255.0*              | 323.0 <sup>1)</sup> | 245.0*              | 280.0 <sup>1)</sup> | 223.0*              | 239.0 <sup>1)</sup> | 206.0*              | 208.0 <sup>1)</sup> | 173.0*              | 174.0 <sup>1)</sup> | 147.0*              | 148.0 <sup>1)</sup> | 127.0*              | 127.0 <sup>1)</sup> | 107.0*              | 107.0 <sup>1)</sup> |                     |      |
| 110                                            | - | 99.0 <sup>1)</sup>  | 106.0 <sup>1)</sup> | 114.0*              | 114.0*              | 113.0*              | 113.0*              | 111.0*              | 111.0*              | 108.0*              | 108.0*              | 104.0*              | 104.0*              | 101.0*              | 101.0*              | 98.4*               | 98.4*               | 95.2*               | 95.2*               | 92.3*               | 92.3*               | 89.0*               | 89.0*               |                     |      |
|                                                | - | 360.0 <sup>3)</sup> | 364.0 <sup>2)</sup> | 244.0*              | 361.0*              | 241.0*              | 346.0 <sup>1)</sup> | 240.0*              | 320.0 <sup>1)</sup> | 236.0*              | 277.0 <sup>1)</sup> | 216.0*              | 235.0 <sup>1)</sup> | 203.0*              | 207.0 <sup>1)</sup> | 171.0*              | 173.0 <sup>1)</sup> | 145.0*              | 147.0 <sup>1)</sup> | 126.0*              | 127.0 <sup>1)</sup> | 106.0*              | 106.0 <sup>1)</sup> |                     |      |
| 115                                            | - | 90.8 <sup>1)</sup>  | 97.9 <sup>1)</sup>  | 105.0*              | 105.0*              | 106.0*              | 106.0 <sup>1)</sup> | 104.0*              | 104.0 <sup>1)</sup> | 102.0*              | 102.0*              | 98.8*               | 98.8*               | 96.3*               | 96.3*               | 93.3*               | 93.3*               | 90.1*               | 90.1*               | 87.3*               | 87.3*               | 84.3*               | 84.3*               |                     |      |
|                                                | - | 341.0 <sup>3)</sup> | 347.0 <sup>2)</sup> | 223.0*              | 345.0 <sup>2)</sup> | 230.0*              | 333.0 <sup>1)</sup> | 226.0*              | 310.0 <sup>1)</sup> | 224.0*              | 275.0 <sup>1)</sup> | 209.0*              | 232.0 <sup>1)</sup> | 199.0*              | 207.0 <sup>1)</sup> | 170.0*              | 172.0 <sup>1)</sup> | 143.0*              | 145.0 <sup>1)</sup> | 126.0*              | 126.0 <sup>1)</sup> | 105.0*              | 105.0 <sup>1)</sup> |                     |      |
| 120                                            | - | 82.6 <sup>1)</sup>  | 89.6 <sup>1)</sup>  | 96.1 <sup>1)</sup>  | 100.0*              | 100.0 <sup>1)</sup> | 98.1*               | 98.1*               | 96.0*               | 96.0*               | 93.8*               | 93.8*               | 91.5*               | 91.5*               | 88.5*               | 88.5*               | 85.6*               | 85.6*               | 82.8*               | 82.8*               | 79.9*               | 79.9*               |                     |                     |      |
|                                                | - | 324.0 <sup>3)</sup> | 330.0 <sup>2)</sup> | 219.0*              | 320.0 <sup>1)</sup> | 214.0*              | 301.0 <sup>1)</sup> | 212.0*              | 271.0 <sup>1)</sup> | 203.0*              | 228.0 <sup>1)</sup> | 195.0*              | 206.0 <sup>1)</sup> | 169.0*              | 171.0 <sup>1)</sup> | 141.0*              | 144.0 <sup>1)</sup> | 125.0*              | 125.0 <sup>1)</sup> | 104.0*              | 104.0 <sup>1)</sup> |                     |                     |                     |      |
| 125                                            | - | 74.4 <sup>1)</sup>  | 82.8 <sup>1)</sup>  | 88.2 <sup>1)</sup>  | 95.0*               | 95.0*               | 92.7*               | 92.7*               | 90.6*               | 90.6*               | 88.7*               | 88.7*               | 87.0*               | 87.0*               | 84.2*               | 84.2*               | 81.3*               | 81.3*               | 78.6*               | 78.6*               | 75.8*               | 75.8*               |                     |                     |      |
|                                                | - | 310.0 <sup>3)</sup> | 314.0 <sup>2)</sup> | 206.0*              | 307.0 <sup>1)</sup> | 202.0*              | 292.0 <sup>1)</sup> | 201.0*              | 265.0 <sup>1)</sup> | 195.0*              | 225.0 <sup>1)</sup> | 191.0*              | 206.0 <sup>1)</sup> | 168.0*              | 171.0 <sup>1)</sup> | 139.0*              | 142.0 <sup>1)</sup> | 124.0*              | 125.0 <sup>1)</sup> | 103.0*              | 103.0 <sup>1)</sup> |                     |                     |                     |      |
| 130                                            | - | 68.5 <sup>1)</sup>  | 76.7 <sup>1)</sup>  | 81.4 <sup>1)</sup>  | 90.0*               | 90.0*               | 87.8*               | 87.8*               | 85.7*               | 85.7*               | 83.8*               | 83.8*               | 82.5*               | 82.5*               | 80.1*               | 80.1*               | 77.3*               | 77.3*               | 74.7*               | 74.7*               | 71.9*               | 71.9*               |                     |                     |      |
|                                                | - | 297.0 <sup>3)</sup> | 299.0 <sup>2)</sup> | 194.0*              | 294.0 <sup>1)</sup> | 193.0*              | 282.0 <sup>1)</sup> | 190.0*              | 259.0 <sup>1)</sup> | 188.0*              | 221.0 <sup>1)</sup> | 185.0*              | 203.0 <sup>1)</sup> | 167.0*              | 171.0 <sup>1)</sup> | 136.0*              | 140.0 <sup>1)</sup> | 123.0*              | 124.0 <sup>1)</sup> | 103.0*              | 103.0 <sup>1)</sup> |                     |                     |                     |      |
| 135                                            | - | 63.0 <sup>1)</sup>  | 70.6 <sup>1)</sup>  | 75.2 <sup>1)</sup>  | 82.9*               | 82.9*               | 83.2*               | 83.2*               | 81.2*               | 81.2*               | 79.3*               | 79.3*               | 78.0*               | 78.0*               | 76.1*               | 76.1*               | 73.6*               | 73.6*               | 71.1*               | 71.1*               | 68.4*               | 68.4*               |                     |                     |      |
|                                                | - | 284.0 <sup>3)</sup> | 285.0 <sup>2)</sup> | 182.0*              | 282.0 <sup>1)</sup> | 186.0*              | 273.0 <sup>1)</sup> | 181.0*              | 253.0 <sup>1)</sup> | 180.0*              | 218.0 <sup>1)</sup> | 179.0*              | 201.0 <sup>1)</sup> | 165.0*              | 170.0 <sup>1)</sup> | 134.0*              | 139.0 <sup>1)</sup> | 123.0*              | 124.0 <sup>1)</sup> | 102.0*              | 102.0 <sup>1)</sup> |                     |                     |                     |      |
| 140                                            | - | 57.5 <sup>1)</sup>  | 64.5 <sup>1)</sup>  | 69.0 <sup>1)</sup>  | 75.4 <sup>1)</sup>  | 75.4 <sup>1)</sup>  | 75.2*               | 75.2*               | 73.1*               | 73.1*               | 71.2*               | 71.2*               | 70.0*               | 70.0*               | 68.2*               | 68.2*               | 66.4*               | 66.4*               | 64.4*               | 64.4*               | 61.9*               | 61.9*               |                     |                     |      |
|                                                | - | 271.0 <sup>3)</sup> | 274.0 <sup>2)</sup> | 170.0*              | 270.0 <sup>1)</sup> | 176.0*              | 264.0 <sup>1)</sup> | 174.0*              | 247.0 <sup>1)</sup> | 171.0*              | 214.0 <sup>1)</sup> | 170.0*              | 198.0 <sup>1)</sup> | 163.0*              | 169.0 <sup>1)</sup> | 132.0*              | 138.0 <sup>1)</sup> | 122.0*              | 123.0 <sup>1)</sup> | 101.0*              | 101.0 <sup>1)</sup> |                     |                     |                     |      |



286,600 lb –  
374,800 lb



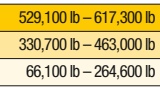
529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb



60

| <div>ft</div> |   | S 138 |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    |                     |                    |                     |                    |                     |      |
|------------------------------------------------------------------------------------------------|---|-------|------|--------|------|--------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|-------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|------|
|                                                                                                |   | W 59  |      | W 79   |      | W 98   |      | W 118               |      | W 138               |      | W 157               |      | W 177               |       | W 197               |                    | W 217               |                    | W 236               |                    | W 256               |                    | W 276               |      |
|                                                                                                |   | 85    | Wmax | 87°/85 | Wmax | 87°/85 | Wmax | 87°/85              | Wmax | 87°/85              | Wmax | 87°/85              | Wmax | 87°/85              | Wmax  | 87°/85              | Wmax               | 87°/85              | Wmax               | 87°/85              | Wmax               | 87°/85              | Wmax               | 87°/85              | Wmax |
| 210                                                                                            | - |       |      |        |      |        |      | 20.4 <sup>1)</sup>  |      | 23.9 <sup>2)</sup>  |      | 28.2 <sup>1)</sup>  |      | 31.1 <sup>11)</sup> | 38.3* | 38.3*               | 36.3*              | 36.3*               | 34.6*              | 34.6*               | 33.0*              | 33.0*               | 31.2*              | 31.2*               |      |
|                                                                                                | B |       |      |        |      |        |      | 160.0 <sup>3)</sup> |      | 162.0 <sup>4)</sup> |      | 158.0 <sup>1)</sup> |      | 156.0 <sup>1)</sup> | 93.9  | 151.0 <sup>1)</sup> | 95.6               | 140.0 <sup>1)</sup> | 94.2               | 115.0 <sup>3)</sup> | 91.8               | 110.0 <sup>3)</sup> | 90.3               | 95.1 <sup>14)</sup> |      |
| 215                                                                                            | - |       |      |        |      |        |      | 18.4 <sup>1)</sup>  |      | 21.6 <sup>3)</sup>  |      | 25.5 <sup>1)</sup>  |      | 28.4 <sup>11)</sup> | 34.9  | 34.9                | 34.7*              | 34.7*               | 33.0*              | 33.0*               | 31.4*              | 31.4*               | 29.7*              | 29.7*               |      |
|                                                                                                | B |       |      |        |      |        |      | 152.0 <sup>2)</sup> |      | 156.0 <sup>4)</sup> |      | 153.0 <sup>3)</sup> |      | 151.0 <sup>1)</sup> | 84.4  | 147.0 <sup>1)</sup> | 91.9               | 137.0 <sup>1)</sup> | 91.6               | 113.0 <sup>2)</sup> | 88.3               | 108.0 <sup>3)</sup> | 87.0               | 94.4 <sup>4)</sup>  |      |
| 220                                                                                            | - |       |      |        |      |        |      | 16.4 <sup>1)</sup>  |      | 19.3 <sup>3)</sup>  |      | 22.8 <sup>1)</sup>  |      | 25.9 <sup>11)</sup> |       | 29.2 <sup>1)</sup>  | 33.2*              | 33.2*               | 31.5*              | 31.5*               | 29.9*              | 29.9*               | 28.2*              | 28.2*               |      |
|                                                                                                | B |       |      |        |      |        |      | 145.0 <sup>2)</sup> |      | 151.0 <sup>3)</sup> |      | 149.0 <sup>3)</sup> |      | 147.0 <sup>1)</sup> | 88.4  | 144.0 <sup>1)</sup> | 88.4               | 134.0 <sup>1)</sup> | 88.3               | 112.0 <sup>2)</sup> | 85.4               | 106.0 <sup>3)</sup> | 83.7               | 93.8 <sup>4)</sup>  |      |
| 225                                                                                            | - |       |      |        |      |        |      | 17.0 <sup>2)</sup>  |      | 19.5 <sup>3)</sup>  |      | 23.7 <sup>11)</sup> |      | 26.8 <sup>11)</sup> |       | 31.9*               | 31.9*              | 30.1*               | 30.1*              | 28.4*               | 28.4*              | 26.7*               | 26.7*              |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 148.0 <sup>3)</sup> |      | 144.0 <sup>3)</sup> |      | 143.0 <sup>2)</sup> |      | 140.0 <sup>1)</sup> | 84.7  | 131.0 <sup>1)</sup> | 85.0               | 110.0 <sup>2)</sup> | 83.4               | 104.0 <sup>2)</sup> | 80.8               | 93.1 <sup>3)</sup>  |                    |                     |      |
| 230                                                                                            | - |       |      |        |      |        |      | 14.5 <sup>1)</sup>  |      | 17.7 <sup>3)</sup>  |      | 21.6 <sup>11)</sup> |      | 24.5 <sup>11)</sup> |       | 30.6*               | 30.6*              | 28.8*               | 28.8*              | 27.1*               | 27.1*              | 25.4*               | 25.4*              |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 140.0 <sup>2)</sup> |      | 140.0 <sup>4)</sup> |      | 139.0 <sup>2)</sup> |      | 136.0 <sup>1)</sup> | 80.6  | 128.0 <sup>1)</sup> | 81.7               | 108.0 <sup>1)</sup> | 81.3               | 103.0 <sup>2)</sup> | 77.9               | 92.4 <sup>3)</sup>  |                    |                     |      |
| 235                                                                                            | - |       |      |        |      |        |      | 12.7 <sup>1)</sup>  |      | 15.8 <sup>3)</sup>  |      | 19.4 <sup>11)</sup> |      | 22.1 <sup>11)</sup> |       | 27.7                | 27.7               | 27.5*               | 27.5*              | 25.8*               | 25.8*              | 24.1*               | 24.1*              |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 134.0 <sup>1)</sup> |      | 135.0 <sup>4)</sup> |      | 134.0 <sup>2)</sup> |      | 133.0 <sup>1)</sup> | 72.2  | 125.0 <sup>1)</sup> | 78.7               | 107.0 <sup>2)</sup> | 78.5               | 102.0 <sup>2)</sup> | 75.3               | 90.8 <sup>3)</sup>  |                    |                     |      |
| 240                                                                                            | - |       |      |        |      |        |      | 10.9 <sup>2)</sup>  |      | 14.0 <sup>3)</sup>  |      | 17.2 <sup>11)</sup> |      | 20.1 <sup>11)</sup> |       | 22.2 <sup>11)</sup> | 26.3*              | 26.3*               | 24.5*              | 24.5*               | 22.8*              | 22.8*               |                    |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 127.0 <sup>1)</sup> |      | 130.0 <sup>4)</sup> |      | 129.0 <sup>3)</sup> |      | 128.0 <sup>1)</sup> |       | 122.0 <sup>1)</sup> | 75.7               | 105.0 <sup>2)</sup> | 75.7               | 101.0 <sup>2)</sup> | 73.7               | 89.1 <sup>3)</sup>  |                    |                     |      |
| 245                                                                                            | - |       |      |        |      |        |      | 12.1 <sup>1)</sup>  |      | 14.3 <sup>3)</sup>  |      | 18.4 <sup>11)</sup> |      | 21.8 <sup>11)</sup> |       | 25.2*               | 25.2*              | 23.4*               | 23.4*              | 21.8*               | 21.8*              | 20.8*               | 20.8*              |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 126.0 <sup>3)</sup> |      | 124.0 <sup>3)</sup> |      | 124.0 <sup>1)</sup> |      | 119.0 <sup>1)</sup> | 72.5  | 104.0 <sup>1)</sup> | 73.0               | 98.9 <sup>2)</sup>  | 72.1               | 98.9 <sup>3)</sup>  | 72.1               | 87.3 <sup>4)</sup>  |                    |                     |      |
| 250                                                                                            | - |       |      |        |      |        |      | 9.5 <sup>1)</sup>   |      | 12.6 <sup>3)</sup>  |      | 16.6 <sup>11)</sup> |      | 18.6 <sup>11)</sup> |       | 24.3*               | 24.3*              | 22.2*               | 22.2*              | 20.8*               | 20.8*              | 19.9*               | 19.9*              |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 120.0 <sup>3)</sup> |      | 120.0 <sup>4)</sup> |      | 120.0 <sup>1)</sup> |      | 116.0 <sup>1)</sup> | 69.1  | 102.0 <sup>1)</sup> | 70.3               | 97.1 <sup>2)</sup>  | 70.3               | 97.1 <sup>3)</sup>  | 69.6               | 86.0 <sup>3)</sup>  |                    |                     |      |
| 255                                                                                            | - |       |      |        |      |        |      | 7.7 <sup>1)</sup>   |      | 11.0 <sup>3)</sup>  |      | 14.8 <sup>11)</sup> |      | 16.8 <sup>11)</sup> |       | 21.7                | 21.7               | 21.3*               | 21.3*              | 19.9*               | 19.9*              | 19.0*               | 19.0*              |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 116.0 <sup>3)</sup> |      | 116.0 <sup>3)</sup> |      | 116.0 <sup>1)</sup> |      | 113.0 <sup>1)</sup> | 61.7  | 100.0 <sup>1)</sup> | 67.8               | 95.4 <sup>2)</sup>  | 67.8               | 95.4 <sup>3)</sup>  | 67.2               | 84.9 <sup>3)</sup>  |                    |                     |      |
| 260                                                                                            | - |       |      |        |      |        |      | 9.3 <sup>1)</sup>   |      | 13.0 <sup>2)</sup>  |      | 17.2 <sup>11)</sup> |      | 20.5*               |       | 25.2*               | 25.2*              | 23.4*               | 23.4*              | 21.8*               | 21.8*              | 20.8*               | 20.8*              |                     |      |
|                                                                                                | B |       |      |        |      |        |      | 111.0 <sup>3)</sup> |      | 112.0 <sup>3)</sup> |      | 112.0 <sup>1)</sup> |      | 110.0 <sup>1)</sup> |       | 107.0 <sup>1)</sup> | 65.2               | 93.6 <sup>2)</sup>  | 65.2               | 93.6 <sup>3)</sup>  | 64.7               | 83.7 <sup>3)</sup>  |                    |                     |      |
| 265                                                                                            | - |       |      |        |      |        |      |                     |      | 107.0 <sup>3)</sup> |      | 108.0 <sup>3)</sup> |      | 108.0 <sup>2)</sup> |       | 108.0 <sup>2)</sup> |                    | 107.0 <sup>1)</sup> | 62.2               | 91.9 <sup>2)</sup>  | 62.2               | 91.9 <sup>3)</sup>  | 62.4               | 82.6 <sup>3)</sup>  |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      | 108.0 <sup>4)</sup> |      | 105.0 <sup>4)</sup> |       | 105.0 <sup>2)</sup> |                    | 104.0 <sup>1)</sup> | 61.7               | 90.2 <sup>2)</sup>  | 61.7               | 90.2 <sup>3)</sup>  | 60.1               | 81.5 <sup>3)</sup>  |      |
| 270                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      | 11.9 <sup>11)</sup> |       | 14.0 <sup>11)</sup> | 19.0*              | 19.0*               | 17.4*              | 17.4*               | 16.0*              | 16.0*               |                    |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      | 105.0 <sup>4)</sup> |       | 105.0 <sup>2)</sup> |                    | 104.0 <sup>1)</sup> | 61.7               | 90.2 <sup>2)</sup>  | 61.7               | 90.2 <sup>3)</sup>  | 60.1               | 81.5 <sup>3)</sup>  |      |
| 275                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      | 10.3 <sup>11)</sup> |       | 12.5 <sup>11)</sup> | 17.0               | 17.0                | 16.7*              | 16.7*               | 15.4*              | 15.4*               |                    |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      | 102.0 <sup>3)</sup> |       | 102.0 <sup>3)</sup> |                    | 101.0 <sup>1)</sup> | 59.9               | 88.5 <sup>2)</sup>  | 59.9               | 88.5 <sup>3)</sup>  | 58.0               | 80.0 <sup>3)</sup>  |      |
| 280                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      | 8.6 <sup>11)</sup>  |       | 10.8 <sup>11)</sup> | 16.0*              | 16.0*               | 14.9*              | 14.9*               | 13.0               | 13.0                |                    |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      | 99.2 <sup>3)</sup>  |       | 98.8 <sup>3)</sup>  |                    | 98.0 <sup>1)</sup>  | 61.7               | 90.2 <sup>2)</sup>  | 61.7               | 90.2 <sup>3)</sup>  | 60.1               | 81.5 <sup>3)</sup>  |      |
| 285                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       | 96.1 <sup>1)</sup>  | 96.1 <sup>1)</sup> | 95.0 <sup>1)</sup>  | 95.0 <sup>1)</sup> | 92.2 <sup>2)</sup>  | 92.2 <sup>2)</sup> | 90.3 <sup>2)</sup>  | 90.3 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       | 96.1 <sup>1)</sup>  | 96.1 <sup>1)</sup> | 95.0 <sup>1)</sup>  | 95.0 <sup>1)</sup> | 92.2 <sup>2)</sup>  | 92.2 <sup>2)</sup> | 90.3 <sup>2)</sup>  | 90.3 <sup>2)</sup> |                     |      |
| 290                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       | 93.6 <sup>4)</sup>  | 93.6 <sup>4)</sup> | 92.5 <sup>2)</sup>  | 92.5 <sup>2)</sup> | 90.1 <sup>2)</sup>  | 90.1 <sup>2)</sup> | 88.3 <sup>2)</sup>  | 88.3 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       | 93.6 <sup>4)</sup>  | 93.6 <sup>4)</sup> | 92.5 <sup>2)</sup>  | 92.5 <sup>2)</sup> | 90.1 <sup>2)</sup>  | 90.1 <sup>2)</sup> | 88.3 <sup>2)</sup>  | 88.3 <sup>2)</sup> |                     |      |
| 295                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 90.1 <sup>2)</sup>  | 90.1 <sup>2)</sup> | 88.3 <sup>2)</sup>  | 88.3 <sup>2)</sup> | 86.3 <sup>2)</sup>  | 86.3 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 90.1 <sup>2)</sup>  | 90.1 <sup>2)</sup> | 88.3 <sup>2)</sup>  | 88.3 <sup>2)</sup> | 86.3 <sup>2)</sup>  | 86.3 <sup>2)</sup> |                     |      |
| 300                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 87.6 <sup>3)</sup>  | 87.6 <sup>3)</sup> | 84.5 <sup>1)</sup>  | 84.5 <sup>1)</sup> | 80.1 <sup>2)</sup>  | 80.1 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 87.6 <sup>3)</sup>  | 87.6 <sup>3)</sup> | 84.5 <sup>1)</sup>  | 84.5 <sup>1)</sup> | 80.1 <sup>2)</sup>  | 80.1 <sup>2)</sup> |                     |      |
| 305                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 85.6 <sup>3)</sup>  | 85.6 <sup>3)</sup> | 83.1 <sup>1)</sup>  | 83.1 <sup>1)</sup> | 78.6 <sup>2)</sup>  | 78.6 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 85.6 <sup>3)</sup>  | 85.6 <sup>3)</sup> | 83.1 <sup>1)</sup>  | 83.1 <sup>1)</sup> | 78.6 <sup>2)</sup>  | 78.6 <sup>2)</sup> |                     |      |
| 310                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 83.3 <sup>4)</sup>  | 83.3 <sup>4)</sup> | 80.3 <sup>2)</sup>  | 80.3 <sup>2)</sup> | 77.2 <sup>2)</sup>  | 77.2 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 83.3 <sup>4)</sup>  | 83.3 <sup>4)</sup> | 80.3 <sup>2)</sup>  | 80.3 <sup>2)</sup> | 77.2 <sup>2)</sup>  | 77.2 <sup>2)</sup> |                     |      |
| 315                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 81.5 <sup>2)</sup>  | 81.5 <sup>2)</sup> | 78.3 <sup>2)</sup>  | 78.3 <sup>2)</sup> | 75.7 <sup>2)</sup>  | 75.7 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 81.5 <sup>2)</sup>  | 81.5 <sup>2)</sup> | 78.3 <sup>2)</sup>  | 78.3 <sup>2)</sup> | 75.7 <sup>2)</sup>  | 75.7 <sup>2)</sup> |                     |      |
| 320                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 77.9 <sup>3)</sup>  | 77.9 <sup>3)</sup> | 76.4 <sup>3)</sup>  | 76.4 <sup>3)</sup> | 74.2 <sup>2)</sup>  | 74.2 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    | 77.9 <sup>3)</sup>  | 77.9 <sup>3)</sup> | 76.4 <sup>3)</sup>  | 76.4 <sup>3)</sup> | 74.2 <sup>2)</sup>  | 74.2 <sup>2)</sup> |                     |      |
| 325                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    | 74.9 <sup>3)</sup>  | 74.9 <sup>3)</sup> | 72.7 <sup>2)</sup>  | 72.7 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    | 74.9 <sup>3)</sup>  | 74.9 <sup>3)</sup> | 72.7 <sup>2)</sup>  | 72.7 <sup>2)</sup> |                     |      |
| 330                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    | 72.6 <sup>4)</sup>  | 72.6 <sup>4)</sup> | 71.3 <sup>2)</sup>  | 71.3 <sup>2)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    | 72.6 <sup>4)</sup>  | 72.6 <sup>4)</sup> | 71.3 <sup>2)</sup>  | 71.3 <sup>2)</sup> |                     |      |
| 335                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    | 70.5 <sup>3)</sup>  | 70.5 <sup>3)</sup> | 67.8 <sup>3)</sup>  | 67.8 <sup>3)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    | 70.5 <sup>3)</sup>  | 70.5 <sup>3)</sup> | 67.8 <sup>3)</sup>  | 67.8 <sup>3)</sup> |                     |      |
| 340                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    | 68.3 <sup>3)</sup>  | 68.3 <sup>3)</sup> | 66.6 <sup>3)</sup>  | 66.6 <sup>3)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    | 68.3 <sup>3)</sup>  | 68.3 <sup>3)</sup> | 66.6 <sup>3)</sup>  | 66.6 <sup>3)</sup> |                     |      |
| 345                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    |                     |                    | 64.0 <sup>4)</sup>  | 64.0 <sup>4)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    |                     |                    | 64.0 <sup>4)</sup>  | 64.0 <sup>4)</sup> |                     |      |
| 350                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    |                     |                    | 63.0 <sup>4)</sup>  | 63.0 <sup>4)</sup> |                     |      |
|                                                                                                | B |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     |       |                     |                    |                     |                    |                     |                    | 63.0 <sup>4)</sup>  | 63.0 <sup>4)</sup> |                     |      |
| 355                                                                                            | - |       |      |        |      |        |      |                     |      |                     |      |                     |      |                     | </    |                     |                    |                     |                    |                     |                    |                     |                    |                     |      |





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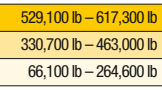
| <div><div><div></div></div><div>ft</div></div> |   | S 157 |                       |                       |                       |        |                       |                      |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
|------------------------------------------------|---|-------|-----------------------|-----------------------|-----------------------|--------|-----------------------|----------------------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--------|----------------------|--|
|                                                |   | W 59  |                       | W 79                  |                       | W 98   |                       | W 118                |                      | W 138  |                      | W 157  |                      | W 177  |                      | W 197  |                      | W 217  |                      | W 236  |                      | W 256  |                      | W 276  |                      |  |
|                                                |   | 85    | Wmax                  | 87°/85                | Wmax                  | 87°/85 | Wmax                  | 87°/85               | Wmax                 | 87°/85 | Wmax                 | 87°/85 | Wmax                 | 87°/85 | Wmax                 | 87°/85 | Wmax                 | 87°/85 | Wmax                 | 87°/85 | Wmax                 | 87°/85 | Wmax                 | 87°/85 | Wmax                 |  |
| 40                                             | - |       |                       | 339.0*                | 339.0 <sup>(1)</sup>  |        |                       |                      |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 45                                             | - | 305.0 | 314.0 <sup>(8)</sup>  | 303.0*                | 303.0*                | 291.0* | 291.0*                |                      |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 50                                             | - | 551.0 | 551.0                 | 437.0*                | 445.0 <sup>(1)</sup>  | 419.0* | 419.0*                |                      |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 55                                             | - | 275.0 | 282.0 <sup>(8)</sup>  | 274.0*                | 274.0*                | 263.0* | 263.0*                | 255.0*               | 255.0*               |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 60                                             | - | 537.0 | 551.0 <sup>(1)</sup>  | 446.0                 | 447.0 <sup>(1)</sup>  | 411.0* | 419.0 <sup>(1)</sup>  | 346.0*               | 346.0*               |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 65                                             | - | 250.0 | 256.0 <sup>(8)</sup>  | 249.0*                | 249.0*                | 240.0* | 240.0*                | 232.0*               | 232.0*               | 224.0* | 224.0*               |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 70                                             | - | 509.0 | 551.0 <sup>(1)</sup>  | 442.0                 | 449.0 <sup>(1)</sup>  | 419.0  | 419.0 <sup>(1)</sup>  | 346.0*               | 346.0 <sup>(1)</sup> | 309.0* | 309.0*               |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 75                                             | - | 229.0 | 234.0 <sup>(8)</sup>  | 228.0*                | 228.0*                | 220.0* | 220.0*                | 213.0*               | 213.0 <sup>(8)</sup> | 206.0* | 206.0*               | 199.0* | 199.0*               |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 80                                             | - | 485.0 | 551.0 <sup>(1)</sup>  | 439.0                 | 450.0 <sup>(1)</sup>  | 411.0  | 419.0 <sup>(1)</sup>  | 346.0                | 346.0 <sup>(1)</sup> | 308.0* | 309.0 <sup>(1)</sup> | 272.0* | 272.0*               |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 85                                             | - | 211.0 | 217.0 <sup>(8)</sup>  | 211.0*                | 211.0*                | 203.0* | 203.0*                | 197.0*               | 197.0*               | 190.0* | 190.0*               | 184.0* | 184.0*               | 179.0* | 179.0*               |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 90                                             | - | 458.0 | 539.0 <sup>(1)</sup>  | 429.0                 | 451.0 <sup>(1)</sup>  | 397.0  | 419.0 <sup>(1)</sup>  | 346.0                | 346.0 <sup>(1)</sup> | 309.0  | 309.0 <sup>(1)</sup> | 270.0* | 272.0 <sup>(1)</sup> | 234.0* | 234.0*               |        |                      |        |                      |        |                      |        |                      |        |                      |  |
| 95                                             | - | 196.0 | 202.0 <sup>(10)</sup> | 196.0*                | 196.0*                | 188.0* | 188.0*                | 183.0*               | 183.0 <sup>(8)</sup> | 177.0* | 177.0*               | 171.0* | 171.0*               | 166.0* | 166.0*               | 162.0* | 162.0*               |        |                      |        |                      |        |                      |        |                      |  |
| 100                                            | - | 424.0 | 521.0 <sup>(1)</sup>  | 410.0                 | 451.0 <sup>(1)</sup>  | 382.0  | 419.0 <sup>(1)</sup>  | 344.0                | 346.0 <sup>(1)</sup> | 309.0  | 309.0 <sup>(1)</sup> | 272.0  | 272.0 <sup>(1)</sup> | 234.0* | 234.0 <sup>(1)</sup> | 196.0* | 196.0*               |        |                      |        |                      |        |                      |        |                      |  |
| 105                                            | - | 182.0 | 185.0 <sup>(11)</sup> | 182.0*                | 182.0*                | 175.0* | 175.0*                | 170.0*               | 170.0*               | 165.0* | 165.0*               | 160.0* | 160.0*               | 155.0* | 155.0*               | 151.0* | 151.0*               | 145.0* | 145.0*               |        |                      |        |                      |        |                      |  |
| 110                                            | - | 381.0 | 502.0 <sup>(10)</sup> | 395.0                 | 453.0 <sup>(1)</sup>  | 368.0  | 419.0 <sup>(1)</sup>  | 339.0                | 346.0 <sup>(1)</sup> | 308.0  | 309.0 <sup>(1)</sup> | 272.0  | 272.0                | 234.0  | 234.0 <sup>(1)</sup> | 196.0* | 196.0 <sup>(1)</sup> | 171.0* | 171.0*               |        |                      |        |                      |        |                      |  |
| 115                                            | - | 172.0 | 172.0                 | 171.0*                | 171.0*                | 164.0* | 164.0*                | 159.0*               | 159.0 <sup>(8)</sup> | 154.0* | 154.0*               | 149.0* | 149.0 <sup>(1)</sup> | 145.0* | 145.0*               | 141.0* | 141.0*               | 136.0* | 136.0*               | 132.0* | 132.0*               |        |                      |        |                      |  |
| 120                                            | - | 295.0 | 483.0 <sup>(1)</sup>  | 378.0                 | 454.0 <sup>(1)</sup>  | 354.0  | 414.0 <sup>(1)</sup>  | 329.0                | 346.0 <sup>(1)</sup> | 302.0  | 309.0 <sup>(1)</sup> | 270.0  | 271.0 <sup>(1)</sup> | 234.0  | 234.0 <sup>(1)</sup> | 196.0  | 196.0 <sup>(1)</sup> | 170.0* | 171.0*               |        |                      |        |                      |        |                      |  |
| 125                                            | - |       | 155.0 <sup>(11)</sup> | 161.0*                | 161.0*                | 154.0* | 154.0*                | 149.0*               | 149.0*               | 144.0* | 144.0*               | 140.0* | 140.0*               | 136.0* | 136.0*               | 132.0* | 132.0*               | 128.0* | 128.0*               | 124.0* | 124.0*               |        |                      |        |                      |  |
| 130                                            | - |       | 463.0 <sup>(1)</sup>  | 361.0                 | 445.0 <sup>(1)</sup>  | 340.0  | 411.0 <sup>(1)</sup>  | 316.0                | 346.0 <sup>(1)</sup> | 294.0  | 309.0 <sup>(1)</sup> | 266.0  | 270.0 <sup>(1)</sup> | 233.0  | 233.0 <sup>(1)</sup> | 196.0  | 196.0 <sup>(1)</sup> | 171.0  | 171.0*               | 149.0* | 149.0*               |        |                      |        |                      |  |
| 135                                            | - |       | 140.0 <sup>(11)</sup> | 151.0*                | 151.0*                | 145.0* | 145.0*                | 141.0*               | 141.0*               | 136.0* | 136.0*               | 132.0* | 132.0*               | 128.0* | 128.0*               | 125.0* | 125.0*               | 120.0* | 120.0*               | 116.0* | 116.0*               | 113.0* | 113.0*               | 105.0* | 105.0*               |  |
| 140                                            | - |       | 441.0 <sup>(1)</sup>  | 337.0                 | 436.0 <sup>(1)</sup>  | 326.0  | 404.0 <sup>(1)</sup>  | 304.0                | 346.0 <sup>(1)</sup> | 284.0  | 309.0 <sup>(1)</sup> | 261.0  | 269.0 <sup>(1)</sup> | 230.0  | 231.0 <sup>(1)</sup> | 196.0  | 196.0 <sup>(1)</sup> | 170.0  | 170.0 <sup>(1)</sup> | 144.0* | 146.0 <sup>(1)</sup> | 124.0* | 125.0 <sup>(1)</sup> | 105.0* | 105.0*               |  |
| 145                                            | - |       | 127.0 <sup>(11)</sup> | 136.0                 | 137.0 <sup>(11)</sup> | 137.0* | 137.0*                | 133.0*               | 133.0 <sup>(8)</sup> | 128.0* | 128.0*               | 124.0* | 124.0*               | 120.0* | 120.0 <sup>(1)</sup> | 117.0* | 117.0*               | 113.0* | 113.0 <sup>(1)</sup> | 109.0* | 109.0*               | 106.0* | 106.0*               | 102.0* | 102.0*               |  |
| 150                                            | - |       | 420.0 <sup>(1)</sup>  | 305.0                 | 417.0 <sup>(1)</sup>  | 312.0  | 398.0 <sup>(1)</sup>  | 293.0                | 346.0 <sup>(1)</sup> | 274.0  | 308.0 <sup>(1)</sup> | 254.0  | 268.0 <sup>(1)</sup> | 226.0  | 230.0 <sup>(1)</sup> | 196.0  | 196.0 <sup>(1)</sup> | 168.0  | 169.0 <sup>(1)</sup> | 145.0  | 145.0 <sup>(1)</sup> | 123.0* | 124.0 <sup>(1)</sup> | 104.0* | 104.0 <sup>(1)</sup> |  |
| 155                                            | - |       | 116.0 <sup>(11)</sup> | 127.0                 | 127.0                 | 129.0* | 129.0*                | 126.0*               | 126.0*               | 121.0* | 121.0*               | 117.0* | 117.0*               | 114.0* | 114.0*               | 111.0* | 111.0*               | 106.0* | 106.0*               | 103.0* | 103.0*               | 100.0* | 100.0*               | 96.5*  | 96.5*                |  |
| 160                                            | - |       | 400.0*                | 238.0                 | 398.0 <sup>(1)</sup>  | 296.0  | 386.0 <sup>(1)</sup>  | 283.0                | 346.0 <sup>(1)</sup> | 264.0  | 307.0 <sup>(1)</sup> | 246.0  | 267.0 <sup>(1)</sup> | 221.0  | 229.0 <sup>(1)</sup> | 196.0  | 196.0 <sup>(1)</sup> | 167.0  | 168.0 <sup>(1)</sup> | 143.0  | 144.0 <sup>(1)</sup> | 123.0  | 123.0 <sup>(1)</sup> | 103.0* | 104.0 <sup>(1)</sup> |  |
| 165                                            | - |       | 105.0 <sup>(11)</sup> | 115.0 <sup>(11)</sup> | 121.0*                | 121.0* | 119.0*                | 119.0*               | 115.0*               | 115.0* | 111.0*               | 111.0* | 107.0*               | 107.0* | 105.0*               | 105.0* | 101.0*               | 101.0* | 97.5*                | 97.5*  | 94.4*                | 94.4*  | 91.1*                | 91.1*  |                      |  |
| 170                                            | - |       | 380.0*                |                       | 379.0 <sup>(1)</sup>  | 282.0  | 371.0 <sup>(1)</sup>  | 273.0                | 346.0 <sup>(1)</sup> | 256.0  | 306.0 <sup>(1)</sup> | 239.0  | 265.0 <sup>(1)</sup> | 216.0  | 228.0 <sup>(1)</sup> | 195.0  | 196.0 <sup>(1)</sup> | 166.0  | 167.0 <sup>(1)</sup> | 141.0  | 142.0 <sup>(1)</sup> | 123.0  | 123.0 <sup>(1)</sup> | 103.0  | 103.0 <sup>(1)</sup> |  |
| 175                                            | - |       | 96.3 <sup>(11)</sup>  |                       | 105.0 <sup>(11)</sup> | 113.0* | 113.0*                | 112.0*               | 112.0*               | 109.0* | 109.0*               | 105.0* | 105.0 <sup>(8)</sup> | 102.0* | 102.0*               | 99.4*  | 99.4*                | 95.4*  | 95.4*                | 92.2*  | 92.2*                | 89.4*  | 89.4*                | 86.1*  | 86.1*                |  |
| 180                                            | - |       | 361.0*                |                       | 361.0 <sup>(1)</sup>  | 262.0  | 355.0 <sup>(1)</sup>  | 262.0                | 337.0 <sup>(1)</sup> | 249.0  | 304.0 <sup>(1)</sup> | 233.0  | 265.0 <sup>(1)</sup> | 210.0  | 226.0 <sup>(1)</sup> | 194.0  | 196.0 <sup>(1)</sup> | 165.0  | 166.0 <sup>(1)</sup> | 139.0  | 141.0*               | 122.0  | 122.0 <sup>(1)</sup> | 102.0  | 102.0 <sup>(1)</sup> |  |
| 185                                            | - |       | 89.1 <sup>(11)</sup>  |                       | 96.4 <sup>(11)</sup>  | 103.0  | 103.0 <sup>(11)</sup> | 105.0*               | 105.0*               | 103.0* | 103.0*               | 99.9*  | 99.9*                | 96.7*  | 96.7*                | 94.3*  | 94.3*                | 90.4*  | 90.4*                | 87.3*  | 87.3*                | 84.5*  | 84.5*                | 81.5*  | 81.5*                |  |
| 190                                            | - |       | 343.0*                |                       | 344.0 <sup>(1)</sup>  | 232.0  | 340.0 <sup>(1)</sup>  | 247.0                | 333.0 <sup>(1)</sup> | 241.0  | 302.0 <sup>(1)</sup> | 226.0  | 263.0 <sup>(1)</sup> | 204.0  | 223.0 <sup>(1)</sup> | 192.0  | 196.0 <sup>(1)</sup> | 163.0  | 165.0 <sup>(1)</sup> | 137.0  | 140.0*               | 121.0  | 121.0 <sup>(1)</sup> | 101.0  | 102.0 <sup>(1)</sup> |  |
| 195                                            | - |       | 81.8 <sup>(11)</sup>  |                       | 88.7 <sup>(11)</sup>  |        | 95.5 <sup>(11)</sup>  | 93.5*                | 99.5*                | 97.4*  | 97.4*                | 95.1*  | 95.1*                | 91.9*  | 91.9*                | 89.7*  | 89.7*                | 85.8*  | 85.8*                | 82.9*  | 82.9*                | 80.2*  | 80.2*                | 77.3*  | 77.3*                |  |
| 200                                            | - |       | 326.0*                |                       | 328.0 <sup>(1)</sup>  |        | 326.0 <sup>(1)</sup>  | 237.0                | 321.0 <sup>(1)</sup> | 230.0  | 299.0 <sup>(1)</sup> | 220.0  | 262.0 <sup>(1)</sup> | 197.0  | 220.0 <sup>(1)</sup> | 189.0  | 196.0 <sup>(1)</sup> | 163.0  | 165.0 <sup>(1)</sup> | 136.0  | 139.0 <sup>(1)</sup> | 120.0  | 121.0 <sup>(1)</sup> | 101.0  | 101.0 <sup>(1)</sup> |  |
| 205                                            | - |       | 74.6 <sup>(11)</sup>  |                       | 80.9 <sup>(11)</sup>  |        | 87.9 <sup>(11)</sup>  | 94.1*                | 92.0*                | 92.0*  | 89.9*                | 89.9*  | 87.5*                | 85.3*  | 83.2*                | 81.6*  | 78.7*                | 78.7*  | 76.1*                | 76.1*  | 73.3*                | 73.3*  |                      |        |                      |  |
| 210                                            | - |       | 310.0*                |                       | 314.0 <sup>(1)</sup>  |        | 312.0 <sup>(1)</sup>  | 223.0                | 309.0 <sup>(1)</sup> | 219.0  | 297.0 <sup>(1)</sup> | 214.0  | 260.0 <sup>(1)</sup> | 191.0  | 218.0 <sup>(1)</sup> | 186.0  | 196.0 <sup>(1)</sup> | 161.0  | 164.0 <sup>(1)</sup> | 134.0  | 137.0 <sup>(1)</sup> | 120.0  | 120.0 <sup>(1)</sup> | 100.0  | 100.0 <sup>(1)</sup> |  |
| 215                                            | - |       | 67.3 <sup>(11)</sup>  |                       | 74.8 <sup>(11)</sup>  |        | 80.3 <sup>(11)</sup>  | 89.2*                | 89.2*                | 87.0*  | 87.0*                | 85.0*  | 85.0 <sup>(1)</sup>  | 83.2*  | 83.2*                | 81.3*  | 77.7*                | 77.7*  | 74.8*                | 74.8*  | 72.3*                | 72.3*  | 69.5*                | 69.5*  |                      |  |
| 220                                            | - |       | 295.0*                |                       | 300.0 <sup>(1)</sup>  |        | 299.0 <sup>(1)</sup>  | 207.0                | 297.0 <sup>(1)</sup> | 208.0  | 288.0 <sup>(1)</sup> | 206.0  | 258.0 <sup>(1)</sup> | 186.0  | 215.0 <sup>(1)</sup> | 182.0  | 195.0 <sup>(1)</sup> | 160.0  | 164.0 <sup>(1)</sup> | 132.0  | 136.0 <sup>(1)</sup> | 119.0  | 119.0 <sup>(1)</sup> | 99.4   | 99.6 <sup>(1)</sup>  |  |
| 225                                            | - |       | 60.5 <sup>(8)</sup>   |                       | 69.2 <sup>(11)</sup>  |        | 74.3 <sup>(11)</sup>  | 81.7                 | 81.7                 | 82.5*  | 82.5*                | 80.5*  | 80.5*                | 78.7*  | 78.7*                | 77.5*  | 77.5*                | 74.0*  | 74.0*                | 71.3*  | 71.3*                | 68.8*  | 68.8*                | 66.1*  | 66.1*                |  |
| 230                                            | - |       | 281.0*                |                       | 288.0 <sup>(1)</sup>  |        | 286.0 <sup>(1)</sup>  | 185.0                | 285.0 <sup>(1)</sup> | 201.0  | 278.0 <sup>(1)</sup> | 196.0  | 256.0 <sup>(1)</sup> | 180.0  | 212.0 <sup>(1)</sup> | 178.0  | 194.0 <sup>(1)</sup> | 159.0  | 164.0 <sup>(1)</sup> | 130.0  | 134.0 <sup>(1)</sup> | 118.0  | 119.0 <sup>(1)</sup> | 98.7   | 99.0 <sup>(1)</sup>  |  |
| 235                                            | - |       | 55.7 <sup>(8)</sup>   |                       | 63.7 <sup>(11)</sup>  |        | 68.5 <sup>(11)</sup>  | 74.9 <sup>(11)</sup> | 78.4*                | 78.4*  | 76.4*                | 76.4*  | 74.6*                | 73.4*  | 73.4*                | 70.6*  | 67.9*                | 67.9*  | 65.4*                | 65.4*  | 62.8*                | 62.8*  |                      |        |                      |  |
| 240                                            | - |       | 269.0*                |                       | 275.0 <sup>(1)</sup>  |        | 275.0 <sup>(1)</sup>  |                      | 273.0 <sup>(1)</sup> | 191.0  | 268.0 <sup>(1)</sup> | 188.0  | 250.0 <sup>(1)</sup> | 174.0  | 209.0 <sup>(1)</sup> | 174.0  | 192.0 <sup>(1)</sup> | 158.0  | 163.0 <sup>(1)</sup> | 128.0  | 133.0 <sup>(1)</sup> | 117.0  | 118.0 <sup>(1)</sup> | 98.0   | 98.6 <sup>(1)</sup>  |  |
| 245                                            | - |       | 51.0 <sup>(8)</sup>   |                       | 58.2 <sup>(11)</sup>  |        | 62.6 <sup>(11)</sup>  |                      | 69.0 <sup>(11)</sup> | 74.5*  | 74.5*                | 72.5*  | 72.5*                | 70.7*  | 70.7*                | 69.6*  | 67.1*                | 67.1*  | 64.7*                | 64.7*  | 62.4*                | 62.4*  | 59.8*                | 59.8*  |                      |  |
| 250                                            | - |       | 258.0*                |                       | 263.0 <sup>(1)</sup>  |        | 264.0 <sup>(1)</sup>  |                      | 263.0 <sup>(1)</sup> | 181.0  | 259.0 <sup>(1)</sup> | 181.0  | 243.0 <sup>(1)</sup> | 169.0  | 206.0 <sup>(1)</sup> | 170.0  | 191.0 <sup>(1)</sup> | 156.0  | 163.0 <sup>(1)</sup> | 126.0  | 133.0 <sup>(1)</sup> | 116.0  | 118.0 <sup>(1)</sup> | 97.3   | 98.2 <sup>(1)</sup>  |  |
| 255                                            | - |       | 46.3 <sup>(8)</sup>   |                       | 52.6 <sup>(11)</sup>  |        | 58.0 <sup>(11)</sup>  |                      | 63.5 <sup>(11)</sup> | 71.0*  | 71.0*                | 69.0*  | 69.0*                | 67.2*  | 67.2*                | 66.0*  | 66.0*                | 63.6*  | 63.6*                | 61.7*  | 61.7*                | 59.5*  | 59.5*                | 56.9*  | 56.9*                |  |
| 260                                            | - |       | 247.0*                |                       | 251.0 <sup>(1)</sup>  |        | 252.0 <sup>(1)</sup>  |                      | 252.0 <sup>(1)</sup> | 167.0  | 249.0 <sup>(1)</sup> | 173.0  | 236.0 <sup>(1)</sup> | 163.0  | 203.0 <sup>(1)</sup> | 165.0  | 189.0 <sup>(1)</sup> | 154.0  | 163.0 <sup>(1)</sup> | 124.0  | 131.0 <sup>(1)</sup> | 115.0  | 117.0 <sup>(1)</sup> | 96.7   | 97.8 <sup>(1)</sup>  |  |
| 265                                            | - |       | 41.5 <sup>(8)</sup>   |                       | 47.3 <sup>(8)</sup>   |        | 53.6 <sup>(11)</sup>  |                      | 58.8 <sup>(11)</sup> | 65.0   | 65.0                 | 65.7*  | 65.7*                | 63.9*  | 63.9*                | 62.8*  | 60.4*                | 60.4*  | 58.6*                | 58.6*  | 56.7*                | 56.7*  | 54.2*                | 54.2*  |                      |  |
| 270                                            | - |       | 236.0*                |                       | 241.0 <sup>(1)</sup>  |        | 242.0 <sup>(1)</sup>  |                      | 241.0 <sup>(1)</sup> | 152.0  | 239.0 <sup>(1)</sup> | 164.0  | 229.0 <sup>(1)</sup> | 158.0  | 200.0 <sup>(1)</sup> | 161.0  | 188.0 <sup>(1)</sup> | 151.0  | 162.0 <sup>(1)</sup> | 121.0  | 130.0 <sup>(1)</sup> | 114.0  | 117.0 <sup>(1)</sup> | 96.1   | 97.4 <sup>(1)</sup>  |  |
| 275                                            | - |       | 37.3 <sup>(8)</sup>   |                       | 43.5 <sup>(8)</sup>   |        | 49.2 <sup>(11)</sup>  |                      | 54.2 <sup>(11)</sup> |        | 58.9 <sup>(11)</sup> | 62.6*  | 62.6*                | 60.8*  | 60.8*                | 59.7*  | 57.3*                | 57.3*  | 55.5*                | 55.5*  | 53.8*                | 53.8*  | 51.6*                | 51.6*  |                      |  |
| 280                                            | - |       | 225.0*</              |                       |                       |        |                       |                      |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |        |                      |  |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°





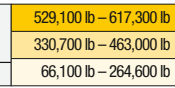
1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



| <div><div><div></div></div><div>ft</div></div> |   | S 177               |                     |                     |                     |                     |        |                     |        |                     |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
|------------------------------------------------|---|---------------------|---------------------|---------------------|---------------------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------|--------|--------|--------------------|-------|--------|------|
|                                                |   | W 59                |                     | W 79                |                     | W 98                |        | W 118               |        | W 138               |        | W 157               |        | W 177  |        | W 197  |        | W 217  |        | W 236  |                     | W 256  |        | W 276              |       |        |      |
|                                                |   | 85                  | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax   | 87°/85              | Wmax   | 87°/85              | Wmax   | 87°/85              | Wmax   | 87°/85 | Wmax   | 87°/85 | Wmax   | 87°/85 | Wmax   | 87°/85 | Wmax                | 87°/85 | Wmax   | 87°/85             | Wmax  | 87°/85 | Wmax |
| 40                                             | - |                     |                     | 325.0*              | 325.0*              |                     |        |                     |        |                     |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 45                                             | - | 292.0               | 299.0 <sup>2)</sup> | 291.0*              | 291.0*              | 280.0*              | 280.0* |                     |        |                     |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 50                                             | - | 264.0               | 273.0 <sup>2)</sup> | 264.0*              | 264.0*              | 254.0*              | 254.0* | 246.0*              | 246.0* |                     |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 55                                             | - | 240.0               | 248.0 <sup>2)</sup> | 240.0*              | 240.0 <sup>2)</sup> | 232.0*              | 232.0* | 225.0*              | 225.0* | 217.0*              | 217.0* |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 60                                             | - | 220.0               | 227.0 <sup>2)</sup> | 221.0*              | 221.0*              | 213.0*              | 213.0* | 207.0*              | 207.0* | 200.0*              | 200.0* | 193.0*              | 193.0* |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 65                                             | - | 203.0               | 211.0 <sup>2)</sup> | 204.0*              | 204.0*              | 197.0*              | 197.0* | 191.0*              | 191.0* | 185.0*              | 185.0* | 179.0*              | 179.0* | 173.0* | 173.0* |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 70                                             | - | 189.0               | 196.0 <sup>2)</sup> | 190.0*              | 190.0*              | 183.0*              | 183.0* | 178.0*              | 178.0* | 172.0*              | 172.0* | 166.0*              | 166.0* | 160.0* | 160.0* | 156.0* | 156.0* |        |        |        |                     |        |        |                    |       |        |      |
| 75                                             | - | 176.0               | 181.0 <sup>2)</sup> | 177.0*              | 177.0*              | 170.0*              | 170.0* | 166.0*              | 166.0* | 160.0*              | 160.0* | 155.0*              | 155.0* | 149.0* | 149.0* | 146.0* | 146.0* | 141.0* | 141.0* |        |                     |        |        |                    |       |        |      |
| 80                                             | - | 165.0               | 165.0               | 166.0 <sup>2)</sup> | 166.0 <sup>2)</sup> | 159.0*              | 159.0* | 155.0*              | 155.0* | 150.0*              | 150.0* | 145.0*              | 145.0* | 140.0* | 140.0* | 136.0* | 136.0* | 131.0* | 131.0* | 127.0* | 127.0*              |        |        |                    |       |        |      |
| 85                                             | - | 152.0 <sup>1)</sup> | 156.0*              | 156.0*              | 156.0*              | 150.0*              | 150.0* | 146.0*              | 146.0* | 141.0*              | 141.0* | 136.0*              | 136.0* | 131.0* | 131.0* | 128.0* | 128.0* | 123.0* | 123.0* | 119.0* | 119.0 <sup>1)</sup> | 115.0* | 115.0* |                    |       |        |      |
| 90                                             | - | 139.0 <sup>1)</sup> | 147.0*              | 147.0 <sup>1)</sup> | 141.0*              | 141.0*              | 137.0* | 137.0*              | 132.0* | 132.0*              | 128.0* | 128.0*              | 123.0* | 123.0* | 121.0* | 121.0* | 116.0* | 116.0* | 112.0* | 112.0* | 109.0*              | 109.0* | 98.1*  | 98.1*              |       |        |      |
| 95                                             | - | 126.0 <sup>1)</sup> | 139.0*              | 139.0*              | 133.0*              | 129.0*              | 129.0* | 125.0*              | 125.0* | 121.0*              | 121.0* | 116.0*              | 116.0* | 111.0* | 111.0* | 107.0* | 107.0* | 103.0* | 103.0* | 99.6*  | 99.6*               | 96.5*  | 96.5*  | 93.1*              | 93.1* |        |      |
| 100                                            | - | 115.0 <sup>1)</sup> | 125.0               | 125.0 <sup>1)</sup> | 126.0*              | 126.0*              | 123.0* | 123.0*              | 118.0* | 118.0 <sup>1)</sup> | 114.0* | 114.0 <sup>1)</sup> | 110.0* | 110.0* | 107.0* | 107.0* | 103.0* | 103.0* | 99.6*  | 99.6*  | 96.5*               | 96.5*  | 93.1*  | 93.1*              |       |        |      |
| 105                                            | - | 105.0 <sup>1)</sup> |                     | 115.0 <sup>1)</sup> | 120.0*              | 120.0*              | 116.0* | 116.0*              | 112.0* | 112.0*              | 108.0* | 108.0*              | 104.0* | 104.0* | 102.0* | 102.0* | 97.4*  | 97.4*  | 94.2*  | 94.2*  | 91.2*               | 91.2*  | 87.9*  | 87.9*              |       |        |      |
| 110                                            | - | 95.0 <sup>1)</sup>  |                     | 105.0 <sup>1)</sup> | 112.0*              | 112.0*              | 110.0* | 110.0*              | 106.0* | 106.0 <sup>1)</sup> | 103.0* | 103.0*              | 98.6*  | 98.6*  | 96.2*  | 96.2*  | 92.2*  | 92.2*  | 89.1*  | 89.1*  | 86.3*               | 86.3*  | 83.1*  | 83.1*              |       |        |      |
| 115                                            | - | 86.9 <sup>1)</sup>  |                     | 94.8 <sup>1)</sup>  | 106.0*              | 106.0*              | 105.0* | 105.0*              | 101.0* | 101.0*              | 97.7*  | 97.7*               | 93.6*  | 93.6*  | 91.3*  | 91.3*  | 87.4*  | 87.4*  | 84.4*  | 84.4*  | 81.7*               | 81.7*  | 78.6*  | 78.6 <sup>1)</sup> |       |        |      |
| 120                                            | - | 80.4 <sup>1)</sup>  |                     | 87.6 <sup>1)</sup>  | 96.1                | 96.1                | 98.7*  | 98.7*               | 96.3*  | 96.3*               | 92.9*  | 92.9*               | 89.0*  | 89.0*  | 86.8*  | 86.8*  | 83.0*  | 83.0*  | 80.1*  | 80.1*  | 77.5*               | 77.5*  | 74.6*  | 74.6*              |       |        |      |
| 125                                            | - | 73.9 <sup>1)</sup>  |                     | 80.3 <sup>1)</sup>  |                     | 87.3 <sup>1)</sup>  | 93.3*  | 93.3*               | 91.2*  | 91.2 <sup>2)</sup>  | 88.6*  | 88.6*               | 84.7*  | 84.7*  | 82.6*  | 82.6*  | 78.9*  | 78.9*  | 76.0*  | 76.0*  | 73.5*               | 73.5*  | 70.6*  | 70.6*              |       |        |      |
| 130                                            | - | 67.4 <sup>1)</sup>  |                     | 73.1 <sup>1)</sup>  |                     | 79.9 <sup>1)</sup>  | 88.4*  | 88.4*               | 86.3*  | 86.3*               | 84.4*  | 84.4*               | 80.8*  | 80.8*  | 78.7*  | 78.7*  | 75.1*  | 75.1*  | 72.3*  | 72.3*  | 69.8*               | 69.8*  | 67.1*  | 67.1*              |       |        |      |
| 135                                            | - | 60.9 <sup>1)</sup>  |                     | 67.4 <sup>1)</sup>  |                     | 73.1 <sup>1)</sup>  | 83.8*  | 83.8*               | 81.8*  | 81.8*               | 79.9*  | 79.9*               | 77.1*  | 77.1*  | 75.1*  | 75.1*  | 71.5*  | 71.5*  | 68.8*  | 68.8*  | 66.4*               | 66.4*  | 63.7*  | 63.7*              |       |        |      |
| 140                                            | - | 54.4 <sup>1)</sup>  |                     | 62.3 <sup>1)</sup>  |                     | 67.6 <sup>1)</sup>  | 76.4   | 76.4                | 77.7*  | 77.7*               | 75.8*  | 75.8*               | 73.4*  | 73.4*  | 71.7*  | 71.7*  | 68.2*  | 68.2*  | 65.5*  | 65.5*  | 63.1*               | 63.1*  | 60.5*  | 60.5*              |       |        |      |
| 145                                            | - | 49.1 <sup>1)</sup>  |                     | 57.3 <sup>1)</sup>  |                     | 62.0 <sup>1)</sup>  |        | 68.6 <sup>1)</sup>  | 73.9*  | 73.9*               | 72.0*  | 72.0*               | 69.6*  | 69.6*  | 68.4*  | 68.4*  | 65.1*  | 65.1*  | 62.4*  | 62.4*  | 60.2*               | 60.2*  | 57.6*  | 57.6*              |       |        |      |
| 150                                            | - | 44.9 <sup>1)</sup>  |                     | 52.2 <sup>1)</sup>  |                     | 56.4 <sup>1)</sup>  |        | 62.9 <sup>1)</sup>  | 70.3*  | 70.3*               | 68.4*  | 68.4*               | 66.1*  | 66.1*  | 65.0*  | 65.0*  | 62.2*  | 62.2*  | 59.6*  | 59.6*  | 57.3*               | 57.3*  | 54.7*  | 54.7*              |       |        |      |
| 155                                            | - | 40.8 <sup>1)</sup>  |                     | 47.1 <sup>1)</sup>  |                     | 52.1 <sup>1)</sup>  |        | 57.9 <sup>1)</sup>  | 64.0   | 64.0                | 65.1*  | 65.1*               | 62.8*  | 62.8*  | 61.7*  | 61.7*  | 59.3*  | 59.3*  | 56.9*  | 56.9*  | 54.6*               | 54.6*  | 52.1*  | 52.1*              |       |        |      |
| 160                                            | - | 36.6 <sup>1)</sup>  |                     | 42.1 <sup>1)</sup>  |                     | 48.0 <sup>1)</sup>  |        | 53.5 <sup>1)</sup>  | 61.0   | 61.0                | 62.1*  | 62.1*               | 59.8*  | 59.8*  | 58.7*  | 58.7*  | 56.2*  | 56.2*  | 54.3*  | 54.3*  | 52.1*               | 52.1*  | 49.6*  | 49.6*              |       |        |      |
| 165                                            | - | 32.5 <sup>1)</sup>  |                     | 37.8 <sup>1)</sup>  |                     | 44.0 <sup>1)</sup>  |        | 49.0 <sup>1)</sup>  |        | 53.8 <sup>1)</sup>  | 59.2*  | 59.2*               | 56.9*  | 56.9*  | 55.8*  | 55.8*  | 53.4*  | 53.4*  | 51.6*  | 51.6*  | 49.7*               | 49.7*  | 47.3*  | 47.3*              |       |        |      |
| 170                                            | - | 28.5 <sup>1)</sup>  |                     | 34.4 <sup>1)</sup>  |                     | 39.9 <sup>1)</sup>  |        | 45.0 <sup>1)</sup>  |        | 49.2 <sup>1)</sup>  | 56.6*  | 56.6*               | 54.3*  | 54.3*  | 53.2*  | 53.2*  | 50.8*  | 50.8*  | 49.0*  | 49.0*  | 47.3*               | 47.3*  | 45.1*  | 45.1*              |       |        |      |
| 175                                            | - | 25.8 <sup>1)</sup>  |                     | 31.0 <sup>1)</sup>  |                     | 35.8 <sup>1)</sup>  |        | 41.1 <sup>1)</sup>  |        | 45.4 <sup>1)</sup>  | 51.3   | 51.3                | 51.8*  | 51.8*  | 50.7*  | 50.7*  | 48.3*  | 48.3*  | 46.6*  | 46.6*  | 44.9*               | 44.9*  | 42.9*  | 42.9*              |       |        |      |
| 180                                            | - | 23.1 <sup>1)</sup>  |                     | 27.6 <sup>1)</sup>  |                     | 31.7 <sup>1)</sup>  |        | 37.7 <sup>1)</sup>  |        | 41.7 <sup>1)</sup>  | 49.1   | 49.1                | 49.4*  | 49.4*  | 48.4*  | 48.4*  | 46.0*  | 46.0*  | 44.3*  | 44.3*  | 42.6*               | 42.6*  | 40.8*  | 40.8*              |       |        |      |
| 185                                            | - | 20.4 <sup>1)</sup>  |                     | 24.3 <sup>1)</sup>  |                     | 28.2 <sup>1)</sup>  |        | 34.3 <sup>1)</sup>  |        | 38.0 <sup>1)</sup>  | 47.3*  | 47.3*               | 47.3*  | 47.3*  | 46.2*  | 46.2*  | 43.8*  | 43.8*  | 42.1*  | 42.1*  | 40.5*               | 40.5*  | 38.7*  | 38.7*              |       |        |      |
| 190                                            | - | 18.0 <sup>1)</sup>  |                     | 20.9 <sup>1)</sup>  |                     | 25.5 <sup>1)</sup>  |        | 30.9 <sup>1)</sup>  |        | 34.5 <sup>1)</sup>  |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 195                                            | - | 17.8 <sup>1)</sup>  |                     | 18.0 <sup>1)</sup>  |                     | 18.8 <sup>1)</sup>  |        | 22.9 <sup>1)</sup>  |        | 27.4 <sup>1)</sup>  |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 200                                            | - | 16.7 <sup>1)</sup>  |                     | 16.6 <sup>1)</sup>  |                     | 20.2 <sup>1)</sup>  |        | 24.0 <sup>1)</sup>  |        | 28.9 <sup>1)</sup>  |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 205                                            | - | 14.4 <sup>1)</sup>  |                     | 14.6 <sup>1)</sup>  |                     | 17.6 <sup>1)</sup>  |        | 21.1 <sup>1)</sup>  |        | 26.1 <sup>1)</sup>  |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 210                                            | - | 12.2 <sup>1)</sup>  |                     | 12.6 <sup>1)</sup>  |                     | 16.8 <sup>1)</sup>  |        | 19.0 <sup>1)</sup>  |        | 23.4 <sup>1)</sup>  |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 215                                            | - | 10.5 <sup>1)</sup>  |                     | 10.5 <sup>1)</sup>  |                     | 14.7 <sup>1)</sup>  |        | 17.8 <sup>1)</sup>  |        | 21.9 <sup>1)</sup>  |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |
| 220                                            | - | 147.0 <sup>1)</sup> |                     | 152.0 <sup>1)</sup> |                     | 152.0 <sup>1)</sup> |        | 155.0 <sup>1)</sup> |        | 152.0 <sup>1)</sup> |        |                     |        |        |        |        |        |        |        |        |                     |        |        |                    |       |        |      |

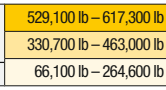


1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



60

| <div><div><div></div></div><div>ft</div></div> |   | S 197 |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
|------------------------------------------------|---|-------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--|
|                                                |   | W 59  |                     | W 79                |                     | W 98                |                     | W 118               |                     | W 138               |                     | W 157               |                     | W 177               |                     | W 197               |                     | W 217               |                     | W 236               |                     | W 256               |                     | W 276              |                    |  |
|                                                |   | 85    | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85              | Wmax                | 87°/85             | Wmax               |  |
| 45                                             | - | 280.0 | 289.0 <sup>8</sup>  | 280.0*              | 280.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
|                                                | B | 419.0 | 419.0               | 375.0*              | 379.0 <sup>11</sup> |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
| 50                                             | - | 253.0 | 261.0 <sup>8</sup>  | 254.0*              | 254.0*              | 245.0*              | 245.0*              | 237.0*              | 237.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
|                                                | B | 419.0 | 419.0               | 366.0*              | 382.0 <sup>11</sup> | 309.0*              | 309.0 <sup>11</sup> | 272.0*              | 272.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
| 55                                             | - | 231.0 | 241.0 <sup>8</sup>  | 232.0*              | 232.0*              | 224.0*              | 224.0*              | 217.0*              | 217.0*              | 210.0*              | 210.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
|                                                | B | 418.0 | 419.0 <sup>8</sup>  | 379.0               | 382.0 <sup>11</sup> | 309.0*              | 309.0 <sup>11</sup> | 272.0*              | 272.0*              | 234.0*              | 234.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
| 60                                             | - | 212.0 | 221.0 <sup>8</sup>  | 213.0*              | 213.0*              | 207.0*              | 207.0*              | 200.0*              | 200.0*              | 193.0*              | 193.0*              | 186.0*              | 186.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
|                                                | B | 405.0 | 419.0 <sup>8</sup>  | 369.0               | 382.0 <sup>11</sup> | 309.0               | 309.0 <sup>11</sup> | 272.0*              | 272.0 <sup>11</sup> | 234.0*              | 234.0 <sup>11</sup> | 228.0*              | 228.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
| 65                                             | - | 196.0 | 203.0 <sup>8</sup>  | 197.0*              | 197.0*              | 191.0*              | 191.0*              | 185.0*              | 185.0*              | 179.0*              | 179.0*              | 172.0*              | 172.0 <sup>11</sup> | 167.0*              | 167.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
|                                                | B | 389.0 | 419.0 <sup>8</sup>  | 357.0               | 382.0 <sup>11</sup> | 309.0               | 309.0 <sup>11</sup> | 272.0               | 272.0 <sup>11</sup> | 234.0*              | 234.0 <sup>11</sup> | 224.0*              | 227.0 <sup>11</sup> | 196.0*              | 196.0*              |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |
| 70                                             | - | 182.0 | 189.0 <sup>8</sup>  | 184.0*              | 184.0*              | 178.0*              | 178.0*              | 172.0*              | 172.0*              | 166.0*              | 166.0 <sup>9</sup>  | 160.0*              | 160.0*              | 156.0*              | 156.0*              | 151.0*              | 151.0*              |                     |                     |                     |                     |                     |                     |                    |                    |  |
|                                                | B | 375.0 | 419.0 <sup>8</sup>  | 344.0               | 382.0 <sup>11</sup> | 309.0               | 309.0 <sup>11</sup> | 272.0               | 272.0 <sup>11</sup> | 234.0*              | 234.0 <sup>11</sup> | 220.0*              | 228.0 <sup>11</sup> | 196.0*              | 196.0 <sup>11</sup> | 174.0*              | 174.0*              |                     |                     |                     |                     |                     |                     |                    |                    |  |
| 75                                             | - | 170.0 | 177.0 <sup>8</sup>  | 171.0*              | 171.0*              | 166.0*              | 166.0*              | 161.0*              | 161.0*              | 155.0*              | 155.0*              | 150.0*              | 150.0*              | 145.0*              | 145.0*              | 141.0*              | 141.0*              | 135.0*              | 135.0*              |                     |                     |                     |                     |                    |                    |  |
|                                                | B | 362.0 | 419.0 <sup>8</sup>  | 333.0               | 383.0 <sup>11</sup> | 306.0               | 309.0 <sup>11</sup> | 272.0               | 272.0 <sup>11</sup> | 234.0*              | 234.0 <sup>11</sup> | 228.0               | 228.0 <sup>11</sup> | 193.0*              | 196.0 <sup>11</sup> | 172.0*              | 173.0 <sup>11</sup> | 150.0*              | 150.0*              |                     |                     |                     |                     |                    |                    |  |
| 80                                             | - | 160.0 | 161.0 <sup>8</sup>  | 161.0*              | 161.0*              | 155.0*              | 155.0*              | 150.0*              | 150.0*              | 146.0*              | 146.0*              | 140.0*              | 140.0*              | 136.0*              | 136.0*              | 132.0*              | 132.0*              | 127.0*              | 127.0*              | 123.0*              | 123.0*              |                     |                     |                    |                    |  |
|                                                | B | 348.0 | 419.0 <sup>8</sup>  | 321.0               | 380.0 <sup>11</sup> | 298.0               | 309.0 <sup>11</sup> | 271.0               | 272.0 <sup>11</sup> | 234.0*              | 234.0 <sup>11</sup> | 224.0               | 227.0 <sup>11</sup> | 196.0               | 196.0 <sup>11</sup> | 170.0*              | 173.0 <sup>11</sup> | 148.0*              | 149.0 <sup>11</sup> | 130.0*              | 130.0*              |                     |                     |                    |                    |  |
| 85                                             | - |       | 148.0 <sup>11</sup> | 151.0*              | 151.0 <sup>9</sup>  | 146.0*              | 146.0 <sup>9</sup>  | 141.0*              | 141.0*              | 137.0*              | 137.0*              | 132.0*              | 132.0*              | 128.0*              | 128.0*              | 124.0*              | 124.0*              | 119.0*              | 119.0*              | 115.0*              | 115.0*              | 110.0*              | 110.0*              |                    |                    |  |
|                                                | B |       | 419.0 <sup>8</sup>  | 311.0               | 377.0 <sup>11</sup> | 289.0               | 309.0 <sup>11</sup> | 266.0               | 272.0 <sup>11</sup> | 234.0*              | 234.0 <sup>11</sup> | 220.0               | 226.0 <sup>11</sup> | 196.0               | 196.0 <sup>11</sup> | 173.0               | 173.0 <sup>11</sup> | 147.0*              | 149.0 <sup>11</sup> | 128.0*              | 129.0 <sup>11</sup> | 111.0*              | 111.0*              |                    |                    |  |
| 90                                             | - |       | 136.0 <sup>11</sup> | 143.0*              | 143.0*              | 138.0*              | 138.0*              | 133.0*              | 133.0 <sup>9</sup>  | 129.0*              | 129.0*              | 124.0*              | 124.0*              | 120.0*              | 120.0*              | 116.0 <sup>9</sup>  | 116.0 <sup>9</sup>  | 112.0*              | 112.0*              | 108.0*              | 108.0*              | 105.0*              | 105.0*              | 93.4*              | 93.4*              |  |
|                                                | B |       | 416.0 <sup>8</sup>  | 299.0               | 374.0 <sup>11</sup> | 280.0               | 309.0 <sup>11</sup> | 258.0               | 272.0 <sup>11</sup> | 233.0               | 234.0 <sup>11</sup> | 215.0               | 225.0 <sup>11</sup> | 193.0               | 196.0 <sup>11</sup> | 172.0               | 173.0 <sup>11</sup> | 149.0               | 149.0               | 126.0*              | 126.0 <sup>11</sup> | 110.0*              | 110.0 <sup>11</sup> | 93.7*              | 93.7*              |  |
| 95                                             | - |       | 124.0 <sup>11</sup> | 136.0*              | 136.0*              | 130.0*              | 130.0*              | 126.0*              | 126.0*              | 122.0*              | 122.0*              | 117.0*              | 117.0*              | 113.0*              | 113.0*              | 110.0*              | 110.0*              | 105.0*              | 105.0*              | 102.0*              | 102.0*              | 98.7*               | 98.7*               | 92.2*              | 92.2*              |  |
|                                                | B |       | 402.0 <sup>8</sup>  | 284.0               | 371.0 <sup>11</sup> | 270.0               | 309.0 <sup>11</sup> | 250.0               | 272.0 <sup>11</sup> | 229.0               | 234.0 <sup>11</sup> | 210.0               | 224.0 <sup>11</sup> | 190.0               | 195.0 <sup>11</sup> | 170.0               | 172.0 <sup>11</sup> | 147.0               | 148.0 <sup>11</sup> | 128.0               | 128.0               | 109.0*              | 110.0 <sup>11</sup> | 92.6*              | 92.6 <sup>9</sup>  |  |
| 100                                            | - |       | 112.0 <sup>11</sup> | 122.0               | 122.0 <sup>11</sup> | 123.0*              | 123.0*              | 119.0*              | 119.0*              | 115.0*              | 115.0*              | 110.0*              | 110.0 <sup>9</sup>  | 107.0*              | 107.0*              | 104.0*              | 104.0*              | 99.4*               | 99.4*               | 96.0*               | 96.0*               | 93.0*               | 93.0*               | 89.4*              | 89.4*              |  |
|                                                | B |       | 386.0 <sup>8</sup>  | 272.0               | 364.0 <sup>11</sup> | 259.0               | 309.0 <sup>11</sup> | 242.0               | 272.0 <sup>11</sup> | 224.0               | 234.0 <sup>11</sup> | 205.0               | 223.0 <sup>11</sup> | 186.0               | 195.0 <sup>11</sup> | 167.0               | 171.0 <sup>11</sup> | 146.0               | 147.0 <sup>11</sup> | 126.0               | 126.0 <sup>11</sup> | 109.0               | 109.0 <sup>11</sup> | 91.6*              | 92.4 <sup>11</sup> |  |
| 105                                            | - |       | 103.0 <sup>11</sup> | 113.0 <sup>11</sup> | 117.0*              | 117.0*              | 113.0*              | 113.0 <sup>9</sup>  | 109.0*              | 109.0*              | 105.0*              | 105.0*              | 101.0*              | 101.0*              | 98.1*               | 98.1*               | 94.0*               | 94.0*               | 90.8*               | 90.8*               | 87.8*               | 87.8*               | 84.6*               | 84.6*              |                    |  |
|                                                | B |       | 369.0 <sup>8</sup>  | 257.0 <sup>11</sup> | 249.0               | 309.0 <sup>11</sup> | 235.0               | 234.0 <sup>11</sup> | 218.0               | 234.0 <sup>11</sup> | 200.0               | 222.0 <sup>11</sup> | 182.0               | 194.0 <sup>11</sup> | 164.0               | 170.0 <sup>11</sup> | 145.0               | 146.0 <sup>11</sup> | 124.0               | 125.0 <sup>11</sup> | 109.0               | 109.0 <sup>11</sup> | 92.0                | 92.0 <sup>11</sup> |                    |  |
| 110                                            | - |       | 94.5 <sup>11</sup>  | 103.0 <sup>11</sup> | 112.0*              | 112.0*              | 108.0*              | 108.0*              | 104.0*              | 104.0*              | 99.3*               | 99.3*               | 96.1*               | 96.1 <sup>8</sup>   | 92.9*               | 92.9*               | 88.9*               | 88.9*               | 85.8*               | 85.8*               | 83.1*               | 83.1*               | 80.0*               | 80.0*              |                    |  |
|                                                | B |       | 353.0 <sup>8</sup>  | 245.0 <sup>11</sup> | 239.0               | 309.0 <sup>11</sup> | 228.0               | 272.0 <sup>11</sup> | 212.0               | 234.0 <sup>11</sup> | 195.0               | 221.0 <sup>11</sup> | 179.0               | 194.0 <sup>11</sup> | 162.0               | 169.0 <sup>11</sup> | 144.0               | 146.0 <sup>11</sup> | 123.0               | 125.0 <sup>11</sup> | 108.0               | 108.0 <sup>11</sup> | 91.5                | 91.5 <sup>11</sup> |                    |  |
| 115                                            | - |       | 85.0 <sup>11</sup>  | 94.3 <sup>11</sup>  | 105.0*              | 105.0*              | 103.0*              | 103.0*              | 98.7*               | 98.7*               | 94.4*               | 94.4*               | 91.3*               | 91.3*               | 88.2*               | 88.2*               | 84.3*               | 84.3*               | 81.4*               | 81.4*               | 78.7*               | 78.7*               | 75.6*               | 75.6*              |                    |  |
|                                                | B |       | 337.0 <sup>8</sup>  | 232.0 <sup>11</sup> | 231.0               | 308.0 <sup>11</sup> | 220.0               | 272.0 <sup>11</sup> | 207.0               | 234.0 <sup>11</sup> | 191.0               | 219.0 <sup>11</sup> | 175.0               | 193.0 <sup>11</sup> | 159.0               | 168.0 <sup>11</sup> | 142.0               | 145.0 <sup>11</sup> | 122.0               | 124.0 <sup>11</sup> | 108.0               | 108.0 <sup>11</sup> | 91.0                | 91.0 <sup>11</sup> |                    |  |
| 120                                            | - |       | 78.2 <sup>11</sup>  | 86.0 <sup>11</sup>  | 95.0                | 95.0                | 97.7*               | 97.7*               | 94.0*               | 94.0*               | 89.9*               | 89.9*               | 86.8*               | 86.8*               | 83.8*               | 83.8*               | 80.1*               | 80.1*               | 77.2*               | 77.2*               | 74.6*               | 74.6*               | 71.7*               | 71.7*              |                    |  |
|                                                | B |       | 322.0 <sup>8</sup>  | 219.0 <sup>11</sup> | 220.0               | 306.0 <sup>11</sup> | 212.0               | 272.0 <sup>11</sup> | 202.0               | 234.0 <sup>11</sup> | 186.0               | 218.0 <sup>11</sup> | 172.0               | 192.0 <sup>11</sup> | 157.0               | 168.0 <sup>11</sup> | 140.0               | 145.0 <sup>11</sup> | 120.0               | 123.0 <sup>11</sup> | 107.0               | 107.0 <sup>11</sup> | 90.5                | 90.5 <sup>11</sup> |                    |  |
| 125                                            | - |       | 72.3 <sup>11</sup>  | 79.2 <sup>11</sup>  | 87.1 <sup>11</sup>  | 92.3*               | 92.3*               | 89.8*               | 89.8*               | 85.7*               | 85.7*               | 82.7*               | 82.7*               | 79.8*               | 79.8*               | 76.1*               | 76.1*               | 73.2*               | 73.2*               | 70.7*               | 70.7*               | 67.8*               | 67.8*               |                    |                    |  |
|                                                | B |       | 308.0 <sup>8</sup>  | 206.0 <sup>11</sup> | 205.0               | 306.0 <sup>11</sup> | 205.0               | 234.0 <sup>11</sup> | 182.0               | 216.0 <sup>11</sup> | 168.0               | 191.0 <sup>11</sup> | 154.0               | 166.0 <sup>11</sup> | 139.0               | 144.0 <sup>11</sup> | 119.0               | 122.0 <sup>11</sup> | 106.0               | 107.0 <sup>11</sup> | 98.9                | 90.0 <sup>11</sup>  |                     |                    |                    |  |
| 130                                            | - |       | 66.5 <sup>11</sup>  | 72.5 <sup>11</sup>  | 79.9 <sup>11</sup>  | 87.4*               | 87.4*               | 85.5*               | 85.5*               | 81.8*               | 81.8*               | 78.9*               | 78.9*               | 76.0*               | 76.0*               | 72.4*               | 72.4*               | 69.6*               | 69.6*               | 67.2*               | 67.2*               | 64.4*               | 64.4*               |                    |                    |  |
|                                                | B |       | 295.0 <sup>8</sup>  | 293.0 <sup>11</sup> | 289.0 <sup>11</sup> | 198.0               | 269.0 <sup>11</sup> | 190.0               | 234.0 <sup>11</sup> | 178.0               | 215.0 <sup>11</sup> | 165.0               | 190.0 <sup>11</sup> | 151.0               | 167.0 <sup>11</sup> | 137.0               | 144.0 <sup>11</sup> | 117.0               | 121.0 <sup>11</sup> | 105.0               | 106.0 <sup>11</sup> | 89.3                | 89.3 <sup>11</sup>  |                    |                    |  |
| 135                                            | - |       | 60.6 <sup>11</sup>  | 65.7 <sup>11</sup>  | 72.8 <sup>11</sup>  | 82.9*               | 82.9*               | 81.0*               | 81.0*               | 78.2*               | 78.2*               | 75.3*               | 75.3*               | 72.5*               | 72.5*               | 68.9*               | 68.9*               | 66.2*               | 66.2*               | 63.8*               | 63.8*               | 61.1*               | 61.1*               |                    |                    |  |
|                                                | B |       | 282.0 <sup>8</sup>  | 282.0 <sup>11</sup> | 279.0 <sup>11</sup> | 192.0               | 266.0 <sup>11</sup> | 183.0               | 234.0 <sup>11</sup> | 174.0               | 214.0 <sup>11</sup> | 162.0               | 188.0 <sup>11</sup> | 149.0               | 167.0 <sup>11</sup> | 135.0               | 144.0 <sup>11</sup> | 116.0               | 120.0 <sup>11</sup> | 104.0               | 106.0 <sup>11</sup> | 88.7                | 88.7 <sup>11</sup>  |                    |                    |  |
| 140                                            | - |       | 54.8 <sup>11</sup>  | 60.4 <sup>11</sup>  | 66.8 <sup>11</sup>  | 75.1                | 75.1                | 76.9*               | 76.9*               | 74.4*               | 74.4*               | 72.0*               | 72.0*               | 69.2*               | 69.2*               | 65.7*               | 65.7*               | 63.0*               | 63.0*               | 60.7*               | 60.7*               | 58.1*               | 58.1*               |                    |                    |  |
|                                                | B |       | 269.0 <sup>8</sup>  | 271.0 <sup>11</sup> | 269.0 <sup>11</sup> | 180.0               | 260.0 <sup>11</sup> | 177.0               | 234.0 <sup>11</sup> | 169.0               | 213.0 <sup>11</sup> | 159.0               | 187.0 <sup>11</sup> | 146.0               | 166.0 <sup>11</sup> | 133.0               | 144.0 <sup>11</sup> | 114.0               | 119.0 <sup>11</sup> | 103.0               | 105.0 <sup>11</sup> | 88.1                | 88.7 <sup>11</sup>  |                    |                    |  |
| 145                                            | - |       | 48.9 <sup>11</sup>  | 55.7 <sup>11</sup>  | 61.6 <sup>11</sup>  | 71.0*               | 71.0*               | 73.1*               | 73.1*               | 70.7*               | 70.7*               | 68.8*               | 68.8*               | 66.2*               | 66.2*               | 62.7*               | 62.7*               | 60.1*               | 60.1*               | 57.8*               | 57.8*               | 55.2*               | 55.2*               |                    |                    |  |
|                                                | B |       | 256.0 <sup>8</sup>  | 260.0 <sup>11</sup> | 259.0 <sup>11</sup> | 172.0               | 253.0 <sup>11</sup> | 172.0               | 234.0 <sup>11</sup> | 163.0               | 212.0 <sup>11</sup> | 15                  |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                    |                    |  |



| <div>ft</div> |     | S 197 |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                    |      |                    |      |
|------------------------------------------------------------------------------------------------|-----|-------|------|--------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|--------------------|------|--------------------|------|
|                                                                                                |     | W 59  |      | W 79   |      | W 98                |      | W 118               |      | W 138               |      | W 157               |      | W 177               |      | W 197               |      | W 217               |      | W 236               |      | W 256              |      | W 276              |      |
|                                                                                                |     | 85    | Wmax | 87*/85 | Wmax | 87*/85              | Wmax | 87*/85              | Wmax | 87*/85              | Wmax | 87*/85              | Wmax | 87*/85              | Wmax | 87*/85              | Wmax | 87*/85              | Wmax | 87*/85              | Wmax | 87*/85             | Wmax | 87*/85             | Wmax |
| 235                                                                                            | - B |       |      |        |      | 132.0 <sup>1)</sup> |      | 135.0 <sup>1)</sup> |      | 139.0 <sup>1)</sup> |      | 137.0 <sup>1)</sup> |      | 135.0 <sup>1)</sup> |      | 132.0 <sup>1)</sup> | 78.4 | 125.0 <sup>1)</sup> | 78.2 | 102.0 <sup>1)</sup> | 74.8 | 96.0 <sup>1)</sup> | 70.7 | 83.4 <sup>1)</sup> |      |
| 240                                                                                            | - B |       |      |        |      | 127.0 <sup>1)</sup> |      | 130.0 <sup>1)</sup> |      | 134.0 <sup>1)</sup> |      | 134.0 <sup>1)</sup> |      | 131.0 <sup>1)</sup> |      | 129.0 <sup>1)</sup> | 69.5 | 124.0 <sup>1)</sup> | 76.4 | 101.0 <sup>1)</sup> | 72.7 | 95.4 <sup>1)</sup> | 68.8 | 83.1 <sup>1)</sup> |      |
| 245                                                                                            | - B |       |      |        |      | 122.0 <sup>1)</sup> |      | 125.0 <sup>1)</sup> |      | 129.0 <sup>1)</sup> |      | 131.0 <sup>1)</sup> |      | 128.0 <sup>1)</sup> |      | 126.0 <sup>1)</sup> |      | 121.0 <sup>1)</sup> | 74.6 | 99.5 <sup>1)</sup>  | 70.6 | 95.0 <sup>1)</sup> | 66.6 | 82.8 <sup>1)</sup> |      |
| 250                                                                                            | - B |       |      |        |      |                     |      | 121.0 <sup>1)</sup> |      | 125.0 <sup>1)</sup> |      | 127.0 <sup>1)</sup> |      | 125.0 <sup>1)</sup> |      | 123.0 <sup>1)</sup> |      | 120.0 <sup>1)</sup> | 71.3 | 98.5 <sup>1)</sup>  | 68.5 | 94.5 <sup>1)</sup> | 64.3 | 82.2 <sup>1)</sup> |      |
| 255                                                                                            | - B |       |      |        |      |                     |      | 117.0 <sup>1)</sup> |      | 120.0 <sup>1)</sup> |      | 123.0 <sup>1)</sup> |      | 122.0 <sup>1)</sup> |      | 120.0 <sup>1)</sup> |      | 117.0 <sup>1)</sup> | 66.8 | 97.4 <sup>1)</sup>  | 66.5 | 93.6 <sup>1)</sup> | 62.4 | 81.8 <sup>1)</sup> |      |
| 260                                                                                            | - B |       |      |        |      |                     |      | 113.0 <sup>1)</sup> |      | 115.0 <sup>1)</sup> |      | 119.0 <sup>1)</sup> |      | 119.0 <sup>1)</sup> |      | 117.0 <sup>1)</sup> |      | 114.0 <sup>1)</sup> | 59.2 | 96.5 <sup>1)</sup>  | 64.6 | 93.0 <sup>1)</sup> | 60.5 | 81.5 <sup>1)</sup> |      |
| 265                                                                                            | - B |       |      |        |      |                     |      | 109.0 <sup>1)</sup> |      | 111.0 <sup>1)</sup> |      | 115.0 <sup>1)</sup> |      | 117.0 <sup>1)</sup> |      | 114.0 <sup>1)</sup> |      | 112.0 <sup>1)</sup> |      | 95.6 <sup>1)</sup>  | 62.6 | 92.3 <sup>1)</sup> | 58.6 | 81.0 <sup>1)</sup> |      |
| 270                                                                                            | - B |       |      |        |      |                     |      |                     |      | 108.0 <sup>1)</sup> |      | 111.0 <sup>1)</sup> |      | 113.0 <sup>1)</sup> |      | 112.0 <sup>1)</sup> |      | 109.0 <sup>1)</sup> |      | 94.7 <sup>1)</sup>  | 59.9 | 91.8 <sup>1)</sup> | 56.9 | 80.3 <sup>1)</sup> |      |
| 275                                                                                            | - B |       |      |        |      |                     |      |                     |      | 104.0 <sup>1)</sup> |      | 107.0 <sup>1)</sup> |      | 110.0 <sup>1)</sup> |      | 109.0 <sup>1)</sup> |      | 106.0 <sup>1)</sup> |      | 93.8 <sup>1)</sup>  | 56.9 | 91.2 <sup>1)</sup> | 55.2 | 79.5 <sup>1)</sup> |      |
| 280                                                                                            | - B |       |      |        |      |                     |      |                     |      | 101.0 <sup>1)</sup> |      | 102.0 <sup>1)</sup> |      | 106.0 <sup>1)</sup> |      | 106.0 <sup>1)</sup> |      | 103.0 <sup>1)</sup> |      | 92.9 <sup>1)</sup>  | 50.0 | 90.6 <sup>1)</sup> | 53.5 | 78.7 <sup>1)</sup> |      |
| 285                                                                                            | - B |       |      |        |      |                     |      |                     |      | 96.9 <sup>1)</sup>  |      | 99.0 <sup>1)</sup>  |      | 103.0 <sup>1)</sup> |      | 103.0 <sup>1)</sup> |      | 101.0 <sup>1)</sup> |      | 91.1 <sup>1)</sup>  |      | 89.9 <sup>1)</sup> | 51.9 | 78.0 <sup>1)</sup> |      |
| 290                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      | 95.8 <sup>1)</sup>  |      | 99.1 <sup>1)</sup>  |      | 100.0 <sup>1)</sup> |      | 97.8 <sup>1)</sup>  |      | 89.4 <sup>1)</sup>  |      | 89.3 <sup>1)</sup> | 50.2 | 77.2 <sup>1)</sup> |      |
| 295                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      | 92.6 <sup>1)</sup>  |      | 95.5 <sup>1)</sup>  |      | 97.4 <sup>1)</sup>  |      | 94.9 <sup>1)</sup>  |      | 87.9 <sup>1)</sup>  |      | 88.7 <sup>1)</sup> | 47.8 | 76.4 <sup>1)</sup> |      |
| 300                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      | 89.4 <sup>1)</sup>  |      | 91.3 <sup>1)</sup>  |      | 94.5 <sup>1)</sup>  |      | 92.1 <sup>1)</sup>  |      | 86.2 <sup>1)</sup>  |      | 86.9 <sup>1)</sup> | 41.5 | 75.7 <sup>1)</sup> |      |
| 305                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      | 86.2 <sup>1)</sup>  |      | 88.4 <sup>1)</sup>  |      | 91.6 <sup>1)</sup>  |      | 89.3 <sup>1)</sup>  |      | 84.8 <sup>1)</sup>  |      | 84.9 <sup>1)</sup> |      | 74.9 <sup>1)</sup> |      |
| 310                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      | 85.6 <sup>1)</sup>  |      | 88.7 <sup>1)</sup>  |      | 86.8 <sup>1)</sup>  |      | 83.0 <sup>1)</sup>  |      | 82.9 <sup>1)</sup> |      | 74.2 <sup>1)</sup> |      |
| 315                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      | 82.7 <sup>1)</sup>  |      | 85.8 <sup>1)</sup>  |      | 84.5 <sup>1)</sup>  |      | 81.3 <sup>1)</sup>  |      | 80.9 <sup>1)</sup> |      | 73.4 <sup>1)</sup> |      |
| 320                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      | 79.8 <sup>1)</sup>  |      | 82.2 <sup>1)</sup>  |      | 82.4 <sup>1)</sup>  |      | 79.5 <sup>1)</sup>  |      | 78.9 <sup>1)</sup> |      | 72.6 <sup>1)</sup> |      |
| 325                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      | 76.9 <sup>1)</sup>  |      | 79.5 <sup>1)</sup>  |      | 80.3 <sup>1)</sup>  |      | 77.8 <sup>1)</sup>  |      | 76.9 <sup>1)</sup> |      | 71.8 <sup>1)</sup> |      |
| 330                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      | 76.9 <sup>1)</sup>  |      | 78.3 <sup>1)</sup>  |      | 76.0 <sup>1)</sup>  |      | 75.0 <sup>1)</sup> |      | 70.5 <sup>1)</sup> |      |
| 335                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      | 74.3 <sup>1)</sup>  |      | 76.2 <sup>1)</sup>  |      | 74.3 <sup>1)</sup>  |      | 73.1 <sup>1)</sup> |      | 69.2 <sup>1)</sup> |      |
| 340                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      | 71.7 <sup>1)</sup>  |      | 73.0 <sup>1)</sup>  |      | 72.6 <sup>1)</sup>  |      | 71.3 <sup>1)</sup> |      | 67.9 <sup>1)</sup> |      |
| 345                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 70.6 <sup>1)</sup>  |      | 71.0 <sup>1)</sup>  |      | 69.6 <sup>1)</sup> |      | 66.6 <sup>1)</sup> |      |
| 350                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 68.3 <sup>1)</sup>  |      | 69.5 <sup>1)</sup>  |      | 67.8 <sup>1)</sup> |      | 65.3 <sup>1)</sup> |      |
| 355                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 65.9 <sup>1)</sup>  |      | 68.2 <sup>1)</sup>  |      | 66.1 <sup>1)</sup> |      | 64.0 <sup>1)</sup> |      |
| 360                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 63.6 <sup>1)</sup>  |      | 65.4 <sup>1)</sup>  |      | 64.6 <sup>1)</sup> |      | 62.7 <sup>1)</sup> |      |
| 365                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 63.2 <sup>1)</sup>  |      | 63.3 <sup>1)</sup> |      | 61.4 <sup>1)</sup> |      |
| 370                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 61.1 <sup>1)</sup>  |      | 62.1 <sup>1)</sup> |      | 60.0 <sup>1)</sup> |      |
| 375                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 59.0 <sup>1)</sup>  |      | 60.9 <sup>1)</sup> |      | 58.7 <sup>1)</sup> |      |
| 380                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 56.8 <sup>1)</sup>  |      | 58.3 <sup>1)</sup> |      | 57.6 <sup>1)</sup> |      |
| 385                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 56.3 <sup>1)</sup> |      | 56.5 <sup>1)</sup> |      |
| 390                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 54.3 <sup>1)</sup> |      | 55.4 <sup>1)</sup> |      |
| 395                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 52.3 <sup>1)</sup> |      | 54.6 <sup>1)</sup> |      |
| 400                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 50.3 <sup>1)</sup> |      | 51.8 <sup>1)</sup> |      |
| 405                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                    |      | 49.8 <sup>1)</sup> |      |
| 410                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                    |      | 47.9 <sup>1)</sup> |      |
| 415                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                    |      | 46.0 <sup>1)</sup> |      |
| 420                                                                                            | - B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                    |      | 44.0 <sup>1)</sup> |      |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°





| <div><div></div><div>ft</div></div> |   | S 217               |                     |                     |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |
|-------------------------------------|---|---------------------|---------------------|---------------------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|-------|--|
|                                     |   | W 59                |                     | W 79                |                     | W 98   |                     | W 118  |                     | W 138  |                     | W 157  |                     | W 177  |                     | W 197  |                     | W 217  |                     | W 236  |                     | W 256  |                     | W 276  |       |  |
|                                     |   | 85                  | Wmax                | 87°/85              | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax  |  |
| 45                                  | B |                     |                     | 270.0°              | 270.0°              |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |
| 50                                  | B | 243.0               | 252.0 <sup>1)</sup> | 246.0°              | 246.0°              | 237.0° | 237.0°              |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |
| 55                                  | B | 222.0               | 230.0 <sup>1)</sup> | 225.0°              | 225.0°              | 217.0° | 217.0°              | 210.0° | 210.0°              |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |
| 60                                  | B | 374.0               | 382.0 <sup>1)</sup> | 309.0°              | 309.0°              | 272.0° | 272.0°              | 234.0° | 234.0°              |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |
| 65                                  | B | 204.0               | 214.0 <sup>1)</sup> | 207.0°              | 207.0°              | 200.0° | 200.0°              | 194.0° | 194.0°              | 186.0° | 186.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |
| 70                                  | B | 361.0               | 382.0 <sup>1)</sup> | 309.0°              | 309.0°              | 272.0° | 272.0°              | 234.0° | 234.0°              | 224.0° | 225.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |
| 75                                  | B | 189.0               | 197.0 <sup>1)</sup> | 192.0°              | 192.0°              | 185.0° | 185.0°              | 179.0° | 179.0°              | 173.0° | 173.0°              | 166.0° | 166.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |
| 80                                  | B | 348.0               | 382.0 <sup>1)</sup> | 309.0°              | 309.0°              | 272.0° | 272.0°              | 234.0° | 234.0°              | 219.0° | 225.0 <sup>1)</sup> | 197.0° | 198.0 <sup>1)</sup> |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |
| 85                                  | B | 176.0               | 184.0 <sup>1)</sup> | 179.0°              | 179.0°              | 172.0° | 172.0°              | 167.0° | 167.0°              | 161.0° | 161.0°              | 155.0° | 155.0°              | 150.0° | 150.0°              | 145.0° | 145.0°              |        |                     |        |                     |        |                     |        |       |  |
| 90                                  | B | 334.0               | 382.0 <sup>1)</sup> | 305.0°              | 309.0°              | 272.0° | 272.0°              | 234.0° | 234.0°              | 225.0° | 225.0°              | 193.0° | 197.0 <sup>1)</sup> | 173.0° | 173.0°              | 154.0° | 154.0°              |        |                     |        |                     |        |                     |        |       |  |
| 95                                  | B | 164.0               | 172.0 <sup>1)</sup> | 167.0°              | 167.0°              | 161.0° | 161.0°              | 156.0° | 156.0°              | 150.0° | 150.0°              | 144.0° | 144.0°              | 140.0° | 140.0°              | 136.0° | 136.0°              | 130.0° | 130.0°              |        |                     |        |                     |        |       |  |
| 100                                 | B | 323.0               | 377.0 <sup>1)</sup> | 295.0°              | 309.0°              | 269.0° | 272.0°              | 234.0° | 234.0°              | 221.0° | 223.0 <sup>1)</sup> | 198.0° | 198.0°              | 170.0° | 173.0 <sup>1)</sup> | 152.0° | 152.0°              | 134.0° | 134.0°              |        |                     |        |                     |        |       |  |
| 105                                 | B | 154.0               | 157.0 <sup>1)</sup> | 157.0°              | 157.0°              | 151.0° | 151.0°              | 146.0° | 146.0°              | 141.0° | 141.0°              | 135.0° | 135.0°              | 131.0° | 131.0°              | 127.0° | 127.0°              | 122.0° | 122.0°              | 117.0° | 117.0°              |        |                     |        |       |  |
| 110                                 | B | 314.0               | 372.0 <sup>1)</sup> | 284.0°              | 309.0°              | 262.0° | 272.0°              | 234.0° | 234.0°              | 217.0° | 221.0 <sup>1)</sup> | 195.0° | 196.0 <sup>1)</sup> | 174.0° | 174.0°              | 150.0° | 152.0°              | 132.0° | 133.0 <sup>1)</sup> | 117.0° | 117.0°              |        |                     |        |       |  |
| 115                                 | B | 145.0               | 145.0               | 148.0°              | 148.0°              | 142.0° | 142.0°              | 138.0° | 138.0°              | 132.0° | 132.0°              | 127.0° | 127.0°              | 123.0° | 123.0°              | 119.0° | 119.0°              | 115.0° | 115.0°              | 111.0° | 111.0°              | 101.0° | 101.0°              |        |       |  |
| 120                                 | B | 298.0               | 366.0 <sup>1)</sup> | 274.0°              | 309.0°              | 254.0° | 272.0°              | 232.0° | 234.0°              | 212.0° | 220.0 <sup>1)</sup> | 192.0° | 194.0 <sup>1)</sup> | 171.0° | 172.0 <sup>1)</sup> | 152.0° | 152.0°              | 130.0° | 132.0°              | 115.0° | 115.0°              | 101.0° | 101.0°              |        |       |  |
| 125                                 | B | 133.0 <sup>1)</sup> | 140.0°              | 140.0°              | 140.0°              | 134.0° | 134.0°              | 130.0° | 130.0°              | 125.0° | 125.0°              | 120.0° | 120.0°              | 116.0° | 116.0°              | 112.0° | 112.0°              | 108.0° | 108.0°              | 104.0° | 104.0°              | 99.6°  | 99.6°               | 86.4°  | 86.4° |  |
| 130                                 | B | 360.0°              | 266.0               | 308.0 <sup>1)</sup> | 308.0 <sup>1)</sup> | 245.0  | 272.0°              | 226.0  | 234.0°              | 207.0  | 218.0 <sup>1)</sup> | 188.0  | 193.0 <sup>1)</sup> | 168.0  | 171.0 <sup>1)</sup> | 150.0  | 150.0 <sup>1)</sup> | 128.0° | 131.0°              | 113.0° | 115.0 <sup>1)</sup> | 100.0° | 100.0 <sup>1)</sup> | 86.4°  | 86.4° |  |
| 135                                 | B | 121.0 <sup>1)</sup> | 132.0°              | 132.0°              | 132.0°              | 127.0° | 127.0°              | 123.0° | 123.0°              | 118.0° | 118.0°              | 113.0° | 113.0°              | 109.0° | 109.0°              | 106.0° | 106.0°              | 102.0° | 102.0°              | 98.0°  | 98.0°               | 95.0°  | 95.0°               | 85.2°  | 85.2° |  |
| 140                                 | B | 354.0°              | 260.0               | 306.0 <sup>1)</sup> | 306.0 <sup>1)</sup> | 236.0  | 271.0 <sup>1)</sup> | 219.0  | 234.0°              | 201.0  | 216.0 <sup>1)</sup> | 183.0  | 191.0 <sup>1)</sup> | 165.0  | 169.0 <sup>1)</sup> | 148.0  | 149.0 <sup>1)</sup> | 130.0  | 131.0 <sup>1)</sup> | 112.0° | 114.0 <sup>1)</sup> | 98.9°  | 98.9°               | 85.4°  | 85.4° |  |
| 145                                 | B | 110.0 <sup>1)</sup> | 119.0               | 119.0 <sup>1)</sup> | 120.0*              | 120.0* | 120.0*              | 116.0* | 116.0*              | 111.0* | 111.0*              | 107.0* | 107.0*              | 103.0* | 103.0*              | 100.0* | 100.0*              | 95.9°  | 95.9°               | 92.5°  | 92.5°               | 89.6°  | 89.6°               | 83.9°  | 83.9° |  |
| 150                                 | B | 345.0°              | 250.0               | 305.0 <sup>1)</sup> | 305.0 <sup>1)</sup> | 228.0  | 269.0°              | 212.0  | 234.0°              | 195.0  | 214.0 <sup>1)</sup> | 179.0  | 190.0 <sup>1)</sup> | 162.0  | 168.0 <sup>1)</sup> | 146.0  | 149.0 <sup>1)</sup> | 129.0  | 130.0 <sup>1)</sup> | 114.0  | 114.0 <sup>1)</sup> | 97.8°  | 97.8°               | 84.5°  | 84.5° |  |
| 155                                 | B | 100.0 <sup>1)</sup> | 113.0               | 113.0               | 114.0°              | 114.0° | 114.0°              | 110.0° | 110.0°              | 106.0° | 106.0°              | 101.0° | 101.0°              | 98.0°  | 98.0°               | 94.7°  | 94.7°               | 90.6°  | 90.6°               | 87.4°  | 87.4°               | 84.6°  | 84.6°               | 81.4°  | 81.4° |  |
| 160                                 | B | 336.0°              | 240.0               | 302.0 <sup>1)</sup> | 302.0 <sup>1)</sup> | 225.0  | 267.0°              | 206.0  | 234.0°              | 190.0  | 212.0 <sup>1)</sup> | 175.0  | 188.0 <sup>1)</sup> | 159.0  | 167.0 <sup>1)</sup> | 144.0  | 148.0 <sup>1)</sup> | 127.0  | 129.0 <sup>1)</sup> | 112.0  | 113.0 <sup>1)</sup> | 99.2°  | 99.2°               | 83.7°  | 83.7° |  |
| 165                                 | B | 92.5 <sup>1)</sup>  | 102.0 <sup>1)</sup> | 109.0*              | 109.0 <sup>1)</sup> | 105.0* | 105.0*              | 100.0* | 100.0*              | 96.0°  | 96.0°               | 92.9°  | 92.9°               | 89.7°  | 89.7°               | 85.7°  | 85.7°               | 82.7°  | 82.7°               | 79.9°  | 79.9°               | 76.9°  | 76.9°               |        |       |  |
| 170                                 | B | 328.0°              | 297.0°              | 218.0               | 266.0 <sup>1)</sup> | 199.0  | 233.0 <sup>1)</sup> | 185.0  | 210.0 <sup>1)</sup> | 170.0  | 187.0 <sup>1)</sup> | 156.0  | 166.0 <sup>1)</sup> | 142.0  | 147.0 <sup>1)</sup> | 126.0  | 129.0 <sup>1)</sup> | 111.0  | 113.0 <sup>1)</sup> | 98.4   | 98.4°               | 84.7   | 84.7                |        |       |  |
| 175                                 | B | 84.6 <sup>1)</sup>  | 93.9 <sup>1)</sup>  | 104.0*              | 104.0*              | 100.0* | 100.0*              | 95.5°  | 95.5°               | 91.3°  | 91.3°               | 88.3°  | 88.3°               | 85.1°  | 85.1°               | 81.3°  | 81.3°               | 78.3°  | 78.3°               | 75.8°  | 75.8°               | 72.7°  | 72.7°               |        |       |  |
| 180                                 | B | 317.0°              | 291.0°              | 211.0               | 262.0 <sup>1)</sup> | 194.0  | 232.0 <sup>1)</sup> | 181.0  | 209.0 <sup>1)</sup> | 167.0  | 185.0 <sup>1)</sup> | 153.0  | 165.0 <sup>1)</sup> | 139.0  | 146.0 <sup>1)</sup> | 125.0  | 128.0 <sup>1)</sup> | 110.0  | 112.0 <sup>1)</sup> | 97.6   | 98.1 <sup>1)</sup>  | 84.2   | 84.3 <sup>1)</sup>  |        |       |  |
| 185                                 | B | 76.7 <sup>1)</sup>  | 85.5 <sup>1)</sup>  | 93.6                | 93.6                | 95.6°  | 95.6°               | 91.0°  | 91.0°               | 86.9°  | 86.9°               | 84.0°  | 84.0°               | 80.9°  | 80.9°               | 77.2°  | 77.2°               | 74.3°  | 74.3°               | 71.8°  | 71.8°               | 68.9°  | 68.9°               |        |       |  |
| 190                                 | B | 315.0°              | 285.0°              | 205.0               | 259.0 <sup>1)</sup> | 189.0  | 232.0 <sup>1)</sup> | 176.0  | 207.0 <sup>1)</sup> | 163.0  | 184.0 <sup>1)</sup> | 150.0  | 163.0 <sup>1)</sup> | 137.0  | 145.0 <sup>1)</sup> | 123.0  | 127.0 <sup>1)</sup> | 109.0  | 111.0 <sup>1)</sup> | 96.7°  | 97.6 <sup>1)</sup>  | 83.7   | 83.8 <sup>1)</sup>  |        |       |  |
| 195                                 | B | 70.1 <sup>1)</sup>  | 78.5 <sup>1)</sup>  | 88.2                | 88.2                | 91.4°  | 91.4°               | 86.9°  | 86.9°               | 82.8°  | 82.8°               | 80.0°  | 80.0°               | 77.0°  | 77.0°               | 73.3°  | 73.3°               | 70.5°  | 70.5°               | 68.1°  | 68.1°               | 65.2°  | 65.2°               |        |       |  |
| 200                                 | B | 303.0°              | 278.0°              | 195.0               | 254.0*              | 188.0  | 229.0*              | 171.0  | 205.0 <sup>1)</sup> | 159.0  | 182.0 <sup>1)</sup> | 147.0  | 162.0 <sup>1)</sup> | 135.0  | 144.0 <sup>1)</sup> | 122.0  | 126.0 <sup>1)</sup> | 108.0  | 111.0 <sup>1)</sup> | 95.9   | 97.1 <sup>1)</sup>  | 83.1   | 83.4 <sup>1)</sup>  |        |       |  |
| 205                                 | B | 64.8 <sup>1)</sup>  | 72.2 <sup>1)</sup>  | 79.4 <sup>1)</sup>  | 86.6°               | 86.6°  | 83.1°               | 83.1°  | 79.1°               | 79.1°  | 76.2°               | 76.2°  | 73.4°               | 73.4°  | 69.7°               | 69.7°  | 67.0°               | 67.0°  | 64.6°               | 64.6°  | 61.9°               | 61.9°  |                     |        |       |  |
| 210                                 | B | 291.0°              | 270.0°              | 249.0°              | 249.0°              | 183.0  | 227.0°              | 167.0  | 203.0 <sup>1)</sup> | 155.0  | 180.0°              | 144.0  | 161.0°              | 132.0  | 143.0 <sup>1)</sup> | 120.0  | 126.0 <sup>1)</sup> | 107.0  | 110.0 <sup>1)</sup> | 95.1   | 96.6 <sup>1)</sup>  | 82.6   | 83.0 <sup>1)</sup>  |        |       |  |
| 215                                 | B | 59.5 <sup>1)</sup>  | 65.9 <sup>1)</sup>  | 72.6 <sup>1)</sup>  | 82.1°               | 79.5°  | 79.5°               | 75.5°  | 75.5°               | 72.8°  | 72.8°               | 70.0°  | 70.0°               | 66.4°  | 66.4°               | 63.7°  | 63.7°               | 61.3°  | 61.3°               | 58.6°  | 58.6°               |        |                     |        |       |  |
| 220                                 | B | 279.0°              | 265.0°              | 244.0°              | 244.0°              | 177.0  | 223.0°              | 163.0  | 200.0 <sup>1)</sup> | 151.0  | 179.0 <sup>1)</sup> | 141.0  | 160.0 <sup>1)</sup> | 130.0  | 142.0 <sup>1)</sup> | 118.0  | 125.0 <sup>1)</sup> | 106.0  | 110.0 <sup>1)</sup> | 94.3   | 96.1 <sup>1)</sup>  | 82.0   | 82.6 <sup>1)</sup>  |        |       |  |
| 225                                 | B | 54.2 <sup>1)</sup>  | 59.5 <sup>1)</sup>  | 65.8 <sup>1)</sup>  | 73.9                | 73.9   | 75.5°               | 75.5°  | 72.3°               | 72.3°  | 69.5°               | 69.5°  | 66.8°               | 66.8°  | 63.3°               | 63.3°  | 60.6°               | 60.6°  | 58.4°               | 58.4°  | 55.7°               | 55.7°  |                     |        |       |  |
| 230                                 | B | 268.0 <sup>1)</sup> | 262.0°              | 238.0°              | 238.0°              | 173.0  | 220.0*              | 162.0  | 199.0 <sup>1)</sup> | 148.0  | 178.0 <sup>1)</sup> | 138.0  | 159.0 <sup>1)</sup> | 128.0  | 141.0 <sup>1)</sup> | 116.0  | 124.0 <sup>1)</sup> | 105.0  | 109.0 <sup>1)</sup> | 93.5   | 95.6 <sup>1)</sup>  | 81.4   | 82.2 <sup>1)</sup>  |        |       |  |
| 235                                 | B | 49.0 <sup>1)</sup>  | 54.6 <sup>1)</sup>  | 60.7 <sup>1)</sup>  | 67.0 <sup>1)</sup>  | 71.8°  | 71.8°               | 69.2°  | 69.2°               | 66.5°  | 66.5°               | 63.8°  | 63.8°               | 60.4°  | 60.4°               | 57.7°  | 57.7°               | 55.5°  | 55.5°               | 52.9°  | 52.9°               |        |                     |        |       |  |
| 240                                 | B | 291.0°              | 270.0°              | 249.0°              | 249.0°              | 183.0  | 227.0°              | 167.0  | 203.0 <sup>1)</sup> | 155.0  | 180.0°              | 144.0  | 161.0°              | 132.0  | 143.0 <sup>1)</sup> | 120.0  | 126.0 <sup>1)</sup> | 107.0  | 110.0 <sup>1)</sup> | 95.1   | 96.6 <sup>1)</sup>  | 82.6   | 83.0 <sup>1)</sup>  |        |       |  |
| 245                                 | B | 59.5 <sup>1)</sup>  | 65.9 <sup>1)</sup>  | 72.6 <sup>1)</sup>  | 82.1°               | 79.5°  | 79.5°               | 75.5°  | 75.5°               | 72.8°  | 72.8°               | 70.0°  | 70.0°               | 66.4°  | 66.4°               | 63.7°  | 63.7°               | 61.3°  | 61.3°               | 58.6°  | 58.6°               |        |                     |        |       |  |
| 250                                 | B | 279.0°              | 265.0°              | 244.0°              | 244.0°              | 177.0  | 223.0°              | 163.0  | 200.0 <sup>1)</sup> | 151.0  | 179.0 <sup>1)</sup> | 141.0  | 160.0 <sup>1)</sup> | 130.0  | 142.0 <sup>1)</sup> | 118.0  | 125.0 <sup>1)</sup> | 106.0  | 110.0 <sup>1)</sup> | 94.3   | 96.1 <sup>1)</sup>  | 82.0   | 82.6 <sup>1)</sup>  |        |       |  |
| 255                                 | B | 54.2 <sup>1)</sup>  | 59.5 <sup>1)</sup>  | 65.8 <sup>1)</sup>  | 73.9                | 73.9   | 75.5°               | 75.5°  | 72.3°               | td     |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |       |  |



286,600 lb –  
374,800 lb



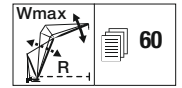
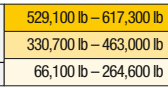
529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb



| <div><div><div></div></div><div>ft</div></div> |   | S 217 |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      |                    |                    |                    |                    |                    |                    |                    |
|------------------------------------------------|---|-------|------|--------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|---------------------|------|----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                                |   | W 59  |      | W 79   |      | W 98                |      | W 118               |      | W 138               |      | W 157               |      | W 177               |      | W 197               |      | W 217               |      | W 236                |                    | W 256              |                    | W 276              |                    |                    |                    |
|                                                |   | 85    | Wmax | 87°/85 | Wmax | 87°/85              | Wmax | 87°/85              | Wmax | 87°/85              | Wmax | 87°/85              | Wmax | 87°/85              | Wmax | 87°/85              | Wmax | 87°/85              | Wmax | 87°/85               | Wmax               | 87°/85             | Wmax               | 87°/85             | Wmax               |                    |                    |
| 245                                            | B |       |      |        |      | 122.0 <sup>2)</sup> |      | 126.0 <sup>3)</sup> |      | 128.0 <sup>4)</sup> |      | 127.0 <sup>5)</sup> |      | 125.0 <sup>6)</sup> |      | 122.0 <sup>7)</sup> |      | 110.0 <sup>8)</sup> |      | 17.4 <sup>(11)</sup> | 21.9*              | 21.9*              | 20.4*              | 20.4*              | 18.9*              | 18.9*              |                    |
| 250                                            | B |       |      |        |      | 118.0 <sup>2)</sup> |      | 121.0 <sup>3)</sup> |      | 124.0 <sup>4)</sup> |      | 124.0 <sup>5)</sup> |      | 122.0 <sup>6)</sup> |      | 120.0 <sup>7)</sup> |      | 110.0 <sup>8)</sup> |      | 15.4 <sup>(11)</sup> | 21.0*              | 21.0*              | 19.5*              | 19.5*              | 18.0*              | 18.0*              |                    |
| 255                                            | B |       |      |        |      | 113.0 <sup>2)</sup> |      | 116.0 <sup>3)</sup> |      | 120.0 <sup>4)</sup> |      | 121.0 <sup>5)</sup> |      | 119.0 <sup>6)</sup> |      | 116.0 <sup>7)</sup> |      | 109.0 <sup>8)</sup> |      | 13.3 <sup>(11)</sup> | 20.3*              | 20.3*              | 18.7*              | 18.7*              | 17.2*              | 17.2*              |                    |
| 260                                            | B |       |      |        |      | 109.0 <sup>2)</sup> |      | 113.0 <sup>3)</sup> |      | 115.0 <sup>4)</sup> |      | 118.0 <sup>5)</sup> |      | 116.0 <sup>6)</sup> |      | 114.0 <sup>7)</sup> |      | 108.0 <sup>8)</sup> |      | 11.1 <sup>(11)</sup> | 17.2               | 17.2               | 17.8*              | 17.8*              | 16.3*              | 16.3*              |                    |
| 265                                            | B |       |      |        |      |                     |      | 109.0 <sup>2)</sup> |      | 111.0 <sup>3)</sup> |      | 114.0 <sup>4)</sup> |      | 114.0 <sup>5)</sup> |      | 111.0 <sup>6)</sup> |      | 106.0 <sup>7)</sup> |      | 11.8 <sup>(11)</sup> | 17.1*              | 17.1*              | 17.1*              | 17.1*              | 15.5*              | 15.5*              |                    |
| 270                                            | B |       |      |        |      |                     |      | 105.0 <sup>2)</sup> |      | 107.0 <sup>3)</sup> |      | 110.0 <sup>4)</sup> |      | 111.0 <sup>5)</sup> |      | 109.0 <sup>6)</sup> |      | 105.0 <sup>7)</sup> |      | 9.8 <sup>(11)</sup>  | 16.4*              | 16.4*              | 16.4*              | 16.4*              | 14.8*              | 14.8*              |                    |
| 275                                            | B |       |      |        |      |                     |      | 101.0 <sup>2)</sup> |      | 103.0 <sup>3)</sup> |      | 106.0 <sup>4)</sup> |      | 109.0 <sup>5)</sup> |      | 106.0 <sup>6)</sup> |      | 103.0 <sup>7)</sup> |      | 6.2 <sup>(10)</sup>  | 13.5               | 13.5               | 13.5               | 13.5               | 14.1*              | 14.1*              |                    |
| 280                                            | B |       |      |        |      |                     |      | 97.4 <sup>2)</sup>  |      | 99.5 <sup>3)</sup>  |      | 103.0 <sup>4)</sup> |      | 105.0 <sup>5)</sup> |      | 104.0 <sup>6)</sup> |      | 101.0 <sup>7)</sup> |      | 4.3 <sup>(10)</sup>  | 12.9               | 12.9               | 12.9               | 13.4*              | 13.4*              | 13.4*              |                    |
| 285                                            | B |       |      |        |      |                     |      |                     |      | 96.2 <sup>2)</sup>  |      | 98.8 <sup>3)</sup>  |      | 102.0 <sup>4)</sup> |      | 101.0 <sup>5)</sup> |      | 99.0 <sup>6)</sup>  |      | 89.0 <sup>8)</sup>   | 51.4               | 83.4 <sup>9)</sup> | 48.5               | 72.2 <sup>9)</sup> | 72.2 <sup>9)</sup> | 72.2 <sup>9)</sup> |                    |
| 290                                            | B |       |      |        |      |                     |      |                     |      | 92.9 <sup>2)</sup>  |      | 95.0 <sup>3)</sup>  |      | 98.4 <sup>4)</sup>  |      | 99.5 <sup>5)</sup>  |      | 96.3 <sup>6)</sup>  |      |                      |                    | 82.7 <sup>9)</sup> | 45.7               | 71.5 <sup>9)</sup> | 71.5 <sup>9)</sup> | 71.5 <sup>9)</sup> |                    |
| 295                                            | B |       |      |        |      |                     |      |                     |      | 89.6 <sup>2)</sup>  |      | 91.2 <sup>3)</sup>  |      | 95.1 <sup>4)</sup>  |      | 97.5 <sup>5)</sup>  |      | 94.7 <sup>6)</sup>  |      |                      |                    | 86.2 <sup>8)</sup> | 44.6               | 71.2 <sup>9)</sup> | 71.2 <sup>9)</sup> | 71.2 <sup>9)</sup> |                    |
| 300                                            | B |       |      |        |      |                     |      |                     |      |                     |      | 88.3 <sup>2)</sup>  |      | 91.8 <sup>3)</sup>  |      | 94.4 <sup>4)</sup>  |      | 92.8 <sup>5)</sup>  |      |                      |                    | 85.6 <sup>8)</sup> | 43.1               | 70.9 <sup>9)</sup> | 70.9 <sup>9)</sup> | 70.9 <sup>9)</sup> |                    |
| 305                                            | B |       |      |        |      |                     |      |                     |      |                     |      | 85.3 <sup>2)</sup>  |      | 88.5 <sup>3)</sup>  |      | 91.4 <sup>4)</sup>  |      | 90.6 <sup>5)</sup>  |      |                      |                    | 83.6 <sup>8)</sup> |                    | 70.6 <sup>9)</sup> | 70.6 <sup>9)</sup> | 70.6 <sup>9)</sup> |                    |
| 310                                            | B |       |      |        |      |                     |      |                     |      |                     |      | 82.4 <sup>2)</sup>  |      | 84.3 <sup>3)</sup>  |      | 88.4 <sup>4)</sup>  |      | 88.9 <sup>5)</sup>  |      |                      |                    | 82.9 <sup>8)</sup> |                    | 70.3 <sup>9)</sup> | 70.3 <sup>9)</sup> | 70.3 <sup>9)</sup> |                    |
| 315                                            | B |       |      |        |      |                     |      |                     |      |                     |      | 79.5 <sup>2)</sup>  |      | 81.6 <sup>3)</sup>  |      | 85.5 <sup>4)</sup>  |      | 86.8 <sup>5)</sup>  |      |                      |                    | 81.0 <sup>8)</sup> |                    | 70.0 <sup>9)</sup> | 70.0 <sup>9)</sup> | 70.0 <sup>9)</sup> |                    |
| 320                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      | 78.9 <sup>2)</sup>  |      | 82.5 <sup>3)</sup>  |      | 84.2 <sup>4)</sup>  |      |                      |                    | 80.1 <sup>7)</sup> |                    | 69.7 <sup>9)</sup> | 69.7 <sup>9)</sup> | 69.7 <sup>9)</sup> |                    |
| 325                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      | 76.2 <sup>2)</sup>  |      | 79.5 <sup>3)</sup>  |      | 81.5 <sup>4)</sup>  |      |                      |                    | 78.0 <sup>8)</sup> |                    | 69.4 <sup>9)</sup> | 69.4 <sup>9)</sup> | 69.4 <sup>9)</sup> |                    |
| 330                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      | 73.5 <sup>2)</sup>  |      | 75.4 <sup>3)</sup>  |      | 78.8 <sup>4)</sup>  |      |                      |                    | 76.1 <sup>8)</sup> |                    | 69.2 <sup>9)</sup> | 69.2 <sup>9)</sup> | 69.2 <sup>9)</sup> |                    |
| 335                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      | 70.8 <sup>2)</sup>  |      | 73.0 <sup>3)</sup>  |      | 76.1 <sup>4)</sup>  |      |                      |                    | 74.1 <sup>8)</sup> |                    | 68.4 <sup>9)</sup> | 68.4 <sup>9)</sup> | 68.4 <sup>9)</sup> |                    |
| 340                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      | 70.6 <sup>2)</sup>  |      | 73.4 <sup>3)</sup>  |      |                      |                    | 72.2 <sup>8)</sup> |                    | 67.3 <sup>9)</sup> | 67.3 <sup>9)</sup> | 67.3 <sup>9)</sup> |                    |
| 345                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      | 68.2 <sup>2)</sup>  |      | 70.7 <sup>3)</sup>  |      |                      |                    | 70.3 <sup>8)</sup> |                    | 67.0 <sup>9)</sup> | 67.0 <sup>9)</sup> | 67.0 <sup>9)</sup> |                    |
| 350                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      | 65.8 <sup>2)</sup>  |      | 67.0 <sup>3)</sup>  |      |                      |                    | 68.4 <sup>8)</sup> |                    | 65.4 <sup>9)</sup> | 65.4 <sup>9)</sup> | 65.4 <sup>9)</sup> |                    |
| 355                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      | 63.4 <sup>2)</sup>  |      | 64.8 <sup>3)</sup>  |      |                      |                    | 66.5 <sup>8)</sup> |                    | 63.9 <sup>9)</sup> | 63.9 <sup>9)</sup> | 63.9 <sup>9)</sup> |                    |
| 360                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 62.6 <sup>2)</sup>  |      |                      |                    | 64.7 <sup>8)</sup> |                    | 62.3 <sup>9)</sup> | 62.3 <sup>9)</sup> | 62.3 <sup>9)</sup> |                    |
| 365                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 60.4 <sup>2)</sup>  |      |                      |                    | 62.8 <sup>8)</sup> |                    | 60.7 <sup>9)</sup> | 60.7 <sup>9)</sup> | 60.7 <sup>9)</sup> |                    |
| 370                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 58.2 <sup>2)</sup>  |      |                      |                    | 59.8 <sup>8)</sup> |                    | 59.2 <sup>9)</sup> | 59.2 <sup>9)</sup> | 59.2 <sup>9)</sup> |                    |
| 375                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      | 56.0 <sup>2)</sup>  |      |                      |                    | 57.8 <sup>8)</sup> |                    | 57.6 <sup>9)</sup> | 57.6 <sup>9)</sup> | 57.6 <sup>9)</sup> |                    |
| 380                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      | 55.8 <sup>7)</sup> |                    | 57.8 <sup>9)</sup> | 56.3 <sup>9)</sup> | 56.3 <sup>9)</sup> | 56.3 <sup>9)</sup> |                    |
| 385                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      | 53.8 <sup>7)</sup> |                    | 56.1 <sup>8)</sup> | 55.0 <sup>9)</sup> | 55.0 <sup>9)</sup> | 55.0 <sup>9)</sup> |                    |
| 390                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      | 51.8 <sup>7)</sup> |                    | 53.3 <sup>7)</sup> | 53.7 <sup>9)</sup> | 53.7 <sup>9)</sup> | 53.7 <sup>9)</sup> |                    |
| 395                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      | 49.7 <sup>7)</sup> |                    | 51.4 <sup>7)</sup> | 52.4 <sup>9)</sup> | 52.4 <sup>9)</sup> | 52.4 <sup>9)</sup> |                    |
| 400                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      |                    |                    | 49.5 <sup>7)</sup> | 51.1 <sup>8)</sup> | 51.1 <sup>8)</sup> | 51.1 <sup>8)</sup> |                    |
| 405                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      |                    |                    | 47.6 <sup>7)</sup> | 49.8 <sup>9)</sup> | 49.8 <sup>9)</sup> | 49.8 <sup>9)</sup> |                    |
| 410                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      |                    |                    | 45.8 <sup>7)</sup> | 47.1 <sup>7)</sup> | 47.1 <sup>7)</sup> | 47.1 <sup>7)</sup> |                    |
| 415                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      |                    |                    | 43.9 <sup>7)</sup> | 45.3 <sup>7)</sup> | 45.3 <sup>7)</sup> | 45.3 <sup>7)</sup> |                    |
| 420                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      |                    |                    |                    |                    | 43.5 <sup>7)</sup> | 43.5 <sup>7)</sup> | 43.5 <sup>7)</sup> |
| 425                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      |                    |                    |                    |                    | 41.7 <sup>7)</sup> | 41.7 <sup>7)</sup> | 41.7 <sup>7)</sup> |
| 430                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      |                    |                    |                    |                    | 39.9 <sup>7)</sup> | 39.9 <sup>7)</sup> | 39.9 <sup>7)</sup> |
| 435                                            | B |       |      |        |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                     |      |                      |                    |                    |                    |                    | 38.1 <sup>7)</sup> | 38.1 <sup>7)</sup> | 38.1 <sup>7)</sup> |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°





| <div><div><div></div></div><div>ft</div></div> |   | S 236                |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|------------------------------------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                                |   | W 59                 |                      | W 79                 |                      | W 98                 |                      | W 118                |                      | W 138                |                      | W 157                |                      | W 177                |                      | W 197                |                      | W 217                |                      | W 236                |                      | W 256                |                      | W 276                |                      |
|                                                |   | 85                   | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 | 87°/85               | Wmax                 |
| 45                                             | B |                      |                      | 259.0*               | 259.0 <sup>(1)</sup> |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 50                                             | B | 233.0                | 244.0 <sup>(1)</sup> | 236.0*               | 236.0 <sup>(1)</sup> | 228.0*               | 228.0 <sup>(1)</sup> |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 55                                             | B | 213.0                | 223.0 <sup>(1)</sup> | 217.0*               | 217.0 <sup>(1)</sup> | 209.0*               | 209.0 <sup>(1)</sup> | 202.0*               | 202.0 <sup>(1)</sup> |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 60                                             | B | 196.0                | 205.0 <sup>(1)</sup> | 200.0*               | 200.0 <sup>(1)</sup> | 193.0*               | 193.0 <sup>(1)</sup> | 186.0*               | 186.0 <sup>(1)</sup> | 179.0*               | 179.0 <sup>(1)</sup> |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 65                                             | B | 182.0                | 192.0 <sup>(1)</sup> | 186.0*               | 186.0 <sup>(1)</sup> | 179.0*               | 179.0 <sup>(1)</sup> | 173.0*               | 173.0 <sup>(1)</sup> | 166.0*               | 166.0 <sup>(1)</sup> | 160.0*               | 160.0 <sup>(1)</sup> |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 70                                             | B | 169.0                | 177.0 <sup>(1)</sup> | 173.0*               | 173.0 <sup>(1)</sup> | 167.0*               | 167.0 <sup>(1)</sup> | 161.0*               | 161.0 <sup>(1)</sup> | 155.0*               | 155.0 <sup>(1)</sup> | 149.0*               | 149.0 <sup>(1)</sup> | 144.0*               | 144.0 <sup>(1)</sup> |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 75                                             | B | 158.0                | 166.0 <sup>(1)</sup> | 162.0*               | 162.0 <sup>(1)</sup> | 156.0*               | 156.0 <sup>(1)</sup> | 150.0*               | 150.0 <sup>(1)</sup> | 145.0*               | 145.0 <sup>(1)</sup> | 139.0*               | 139.0 <sup>(1)</sup> | 135.0*               | 135.0 <sup>(1)</sup> | 130.0*               | 130.0 <sup>(1)</sup> |                      |                      |                      |                      |                      |                      |                      |                      |
| 80                                             | B | 149.0                | 154.0 <sup>(1)</sup> | 152.0*               | 152.0 <sup>(1)</sup> | 147.0*               | 147.0 <sup>(1)</sup> | 141.0*               | 141.0 <sup>(1)</sup> | 136.0*               | 136.0 <sup>(1)</sup> | 130.0*               | 130.0 <sup>(1)</sup> | 126.0*               | 126.0 <sup>(1)</sup> | 122.0*               | 122.0 <sup>(1)</sup> | 117.0*               | 117.0 <sup>(1)</sup> |                      |                      |                      |                      |                      |                      |
| 85                                             | B | 140.0                | 140.0                | 143.0*               | 143.0 <sup>(1)</sup> | 138.0*               | 138.0 <sup>(1)</sup> | 133.0*               | 133.0 <sup>(1)</sup> | 127.0*               | 127.0 <sup>(1)</sup> | 122.0*               | 122.0 <sup>(1)</sup> | 119.0*               | 119.0 <sup>(1)</sup> | 115.0*               | 115.0 <sup>(1)</sup> | 110.0*               | 110.0 <sup>(1)</sup> | 103.0*               | 103.0 <sup>(1)</sup> |                      |                      |                      |                      |
| 90                                             | B | 129.0 <sup>(1)</sup> | 135.0*               | 135.0*               | 135.0 <sup>(1)</sup> | 130.0*               | 130.0 <sup>(1)</sup> | 125.0*               | 125.0 <sup>(1)</sup> | 120.0*               | 120.0 <sup>(1)</sup> | 115.0*               | 115.0 <sup>(1)</sup> | 112.0*               | 112.0 <sup>(1)</sup> | 108.0*               | 108.0 <sup>(1)</sup> | 103.0*               | 103.0 <sup>(1)</sup> | 99.9*                | 99.9 <sup>(1)</sup>  | 98.8*                | 98.8 <sup>(1)</sup>  | 78.6*                | 78.6 <sup>(1)</sup>  |
| 95                                             | B | 119.0 <sup>(1)</sup> | 128.0*               | 128.0*               | 128.0 <sup>(1)</sup> | 123.0*               | 123.0 <sup>(1)</sup> | 118.0*               | 118.0 <sup>(1)</sup> | 113.0*               | 113.0 <sup>(1)</sup> | 109.0*               | 109.0 <sup>(1)</sup> | 105.0*               | 105.0 <sup>(1)</sup> | 102.0*               | 102.0 <sup>(1)</sup> | 97.5*                | 97.5 <sup>(1)</sup>  | 94.1*                | 94.1 <sup>(1)</sup>  | 88.5*                | 88.5 <sup>(1)</sup>  | 77.6*                | 77.6 <sup>(1)</sup>  |
| 100                                            | B | 108.0 <sup>(1)</sup> | 115.0                | 117.0 <sup>(1)</sup> | 117.0 <sup>(1)</sup> | 112.0*               | 112.0 <sup>(1)</sup> | 107.0*               | 107.0 <sup>(1)</sup> | 103.0*               | 103.0 <sup>(1)</sup> | 99.7*                | 99.7 <sup>(1)</sup>  | 96.3*                | 96.3 <sup>(1)</sup>  | 92.1*                | 92.1 <sup>(1)</sup>  | 88.7*                | 88.7 <sup>(1)</sup>  | 85.9*                | 85.9 <sup>(1)</sup>  | 88.9*                | 88.9 <sup>(1)</sup>  | 76.6*                | 76.6 <sup>(1)</sup>  |
| 105                                            | B | 97.8 <sup>(1)</sup>  | 109.0                | 109.0                | 109.0 <sup>(1)</sup> | 111.0*               | 111.0 <sup>(1)</sup> | 107.0*               | 107.0 <sup>(1)</sup> | 102.0*               | 102.0 <sup>(1)</sup> | 97.5*                | 97.5 <sup>(1)</sup>  | 94.4*                | 94.4 <sup>(1)</sup>  | 91.1*                | 91.1 <sup>(1)</sup>  | 87.0*                | 87.0 <sup>(1)</sup>  | 83.8*                | 83.8 <sup>(1)</sup>  | 81.1*                | 81.1 <sup>(1)</sup>  | 75.7*                | 75.7 <sup>(1)</sup>  |
| 110                                            | B | 89.8 <sup>(1)</sup>  | 99.9*                | 99.9*                | 99.9 <sup>(1)</sup>  | 106.0*               | 106.0 <sup>(1)</sup> | 101.0*               | 101.0 <sup>(1)</sup> | 96.8*                | 96.8 <sup>(1)</sup>  | 92.5*                | 92.5 <sup>(1)</sup>  | 89.5*                | 89.5 <sup>(1)</sup>  | 86.3*                | 86.3 <sup>(1)</sup>  | 82.4*                | 82.4 <sup>(1)</sup>  | 79.3*                | 79.3 <sup>(1)</sup>  | 76.7*                | 76.7 <sup>(1)</sup>  | 73.6*                | 73.6 <sup>(1)</sup>  |
| 115                                            | B | 82.7 <sup>(1)</sup>  | 92.0 <sup>(1)</sup>  | 92.0 <sup>(1)</sup>  | 92.0 <sup>(1)</sup>  | 101.0*               | 101.0 <sup>(1)</sup> | 96.7*                | 96.7 <sup>(1)</sup>  | 92.1*                | 92.1 <sup>(1)</sup>  | 87.9*                | 87.9 <sup>(1)</sup>  | 85.0*                | 85.0 <sup>(1)</sup>  | 81.9*                | 81.9 <sup>(1)</sup>  | 78.1*                | 78.1 <sup>(1)</sup>  | 75.1*                | 75.1 <sup>(1)</sup>  | 72.6*                | 72.6 <sup>(1)</sup>  | 69.6*                | 69.6 <sup>(1)</sup>  |
| 120                                            | B | 75.5 <sup>(1)</sup>  | 84.1 <sup>(1)</sup>  | 84.1 <sup>(1)</sup>  | 84.1 <sup>(1)</sup>  | 90.5*                | 90.5 <sup>(1)</sup>  | 87.8*                | 87.8 <sup>(1)</sup>  | 83.7*                | 83.7 <sup>(1)</sup>  | 80.9*                | 80.9 <sup>(1)</sup>  | 77.8*                | 77.8 <sup>(1)</sup>  | 74.1*                | 74.1 <sup>(1)</sup>  | 71.1*                | 71.1 <sup>(1)</sup>  | 68.7*                | 68.7 <sup>(1)</sup>  | 65.9*                | 65.9 <sup>(1)</sup>  | 63.3*                | 63.3 <sup>(1)</sup>  |
| 125                                            | B | 68.4 <sup>(1)</sup>  | 76.3 <sup>(1)</sup>  | 76.3 <sup>(1)</sup>  | 76.3 <sup>(1)</sup>  | 86.7                 | 86.7                 | 83.3*                | 83.3 <sup>(1)</sup>  | 79.8*                | 79.8 <sup>(1)</sup>  | 77.0*                | 77.0 <sup>(1)</sup>  | 74.1*                | 74.1 <sup>(1)</sup>  | 70.3*                | 70.3 <sup>(1)</sup>  | 67.6*                | 67.6 <sup>(1)</sup>  | 65.2*                | 65.2 <sup>(1)</sup>  | 62.4*                | 62.4 <sup>(1)</sup>  | 60.0*                | 60.0 <sup>(1)</sup>  |
| 130                                            | B | 62.3 <sup>(1)</sup>  | 70.4 <sup>(1)</sup>  | 70.4 <sup>(1)</sup>  | 70.4 <sup>(1)</sup>  | 78.0 <sup>(1)</sup>  | 78.0 <sup>(1)</sup>  | 74.6*                | 74.6 <sup>(1)</sup>  | 71.1*                | 71.1 <sup>(1)</sup>  | 68.0*                | 68.0 <sup>(1)</sup>  | 64.0*                | 64.0 <sup>(1)</sup>  | 61.2*                | 61.2 <sup>(1)</sup>  | 57.8*                | 57.8 <sup>(1)</sup>  | 55.2*                | 55.2 <sup>(1)</sup>  | 53.0*                | 53.0 <sup>(1)</sup>  | 50.4*                | 50.4 <sup>(1)</sup>  |
| 135                                            | B | 57.5 <sup>(1)</sup>  | 64.6 <sup>(1)</sup>  | 64.6 <sup>(1)</sup>  | 64.6 <sup>(1)</sup>  | 71.6 <sup>(1)</sup>  | 71.6 <sup>(1)</sup>  | 68.6*                | 68.6 <sup>(1)</sup>  | 65.7*                | 65.7 <sup>(1)</sup>  | 62.7*                | 62.7 <sup>(1)</sup>  | 59.7*                | 59.7 <sup>(1)</sup>  | 56.7*                | 56.7 <sup>(1)</sup>  | 53.7*                | 53.7 <sup>(1)</sup>  | 51.0*                | 51.0 <sup>(1)</sup>  | 48.7*                | 48.7 <sup>(1)</sup>  | 46.0*                | 46.0 <sup>(1)</sup>  |
| 140                                            | B | 52.8 <sup>(1)</sup>  | 58.8 <sup>(1)</sup>  | 58.8 <sup>(1)</sup>  | 58.8 <sup>(1)</sup>  | 65.3 <sup>(1)</sup>  | 65.3 <sup>(1)</sup>  | 62.3*                | 62.3 <sup>(1)</sup>  | 59.3*                | 59.3 <sup>(1)</sup>  | 56.3*                | 56.3 <sup>(1)</sup>  | 53.3*                | 53.3 <sup>(1)</sup>  | 50.3*                | 50.3 <sup>(1)</sup>  | 47.3*                | 47.3 <sup>(1)</sup>  | 44.3*                | 44.3 <sup>(1)</sup>  | 41.3*                | 41.3 <sup>(1)</sup>  | 38.3*                | 38.3 <sup>(1)</sup>  |
| 145                                            | B | 48.0 <sup>(1)</sup>  | 52.9 <sup>(1)</sup>  | 52.9 <sup>(1)</sup>  | 52.9 <sup>(1)</sup>  | 59.3 <sup>(1)</sup>  | 59.3 <sup>(1)</sup>  | 56.3*                | 56.3 <sup>(1)</sup>  | 53.3*                | 53.3 <sup>(1)</sup>  | 50.3*                | 50.3 <sup>(1)</sup>  | 47.3*                | 47.3 <sup>(1)</sup>  | 44.3*                | 44.3 <sup>(1)</sup>  | 41.3*                | 41.3 <sup>(1)</sup>  | 38.3*                | 38.3 <sup>(1)</sup>  | 35.3*                | 35.3 <sup>(1)</sup>  | 32.3*                | 32.3 <sup>(1)</sup>  |
| 150                                            | B | 43.2 <sup>(1)</sup>  | 48.3 <sup>(1)</sup>  | 48.3 <sup>(1)</sup>  | 48.3 <sup>(1)</sup>  | 54.6 <sup>(1)</sup>  | 54.6 <sup>(1)</sup>  | 51.6*                | 51.6 <sup>(1)</sup>  | 48.6*                | 48.6 <sup>(1)</sup>  | 45.6*                | 45.6 <sup>(1)</sup>  | 42.6*                | 42.6 <sup>(1)</sup>  | 39.6*                | 39.6 <sup>(1)</sup>  | 36.6*                | 36.6 <sup>(1)</sup>  | 33.6*                | 33.6 <sup>(1)</sup>  | 30.6*                | 30.6 <sup>(1)</sup>  | 27.6*                | 27.6 <sup>(1)</sup>  |
| 155                                            | B | 38.4 <sup>(1)</sup>  | 44.5 <sup>(1)</sup>  | 44.5 <sup>(1)</sup>  | 44.5 <sup>(1)</sup>  | 49.8 <sup>(1)</sup>  | 49.8 <sup>(1)</sup>  | 46.8*                | 46.8 <sup>(1)</sup>  | 43.8*                | 43.8 <sup>(1)</sup>  | 40.8*                | 40.8 <sup>(1)</sup>  | 37.8*                | 37.8 <sup>(1)</sup>  | 34.8*                | 34.8 <sup>(1)</sup>  | 31.8*                | 31.8 <sup>(1)</sup>  | 28.8*                | 28.8 <sup>(1)</sup>  | 25.8*                | 25.8 <sup>(1)</sup>  | 22.8*                | 22.8 <sup>(1)</sup>  |
| 160                                            | B | 33.7 <sup>(1)</sup>  | 40.6 <sup>(1)</sup>  | 40.6 <sup>(1)</sup>  | 40.6 <sup>(1)</sup>  | 45.1 <sup>(1)</sup>  | 45.1 <sup>(1)</sup>  | 42.1*                | 42.1 <sup>(1)</sup>  | 39.1*                | 39.1 <sup>(1)</sup>  | 36.1*                | 36.1 <sup>(1)</sup>  | 33.1*                | 33.1 <sup>(1)</sup>  | 30.1*                | 30.1 <sup>(1)</sup>  | 27.1*                | 27.1 <sup>(1)</sup>  | 24.1*                | 24.1 <sup>(1)</sup>  | 21.1*                | 21.1 <sup>(1)</sup>  | 18.1*                | 18.1 <sup>(1)</sup>  |
| 165                                            | B | 28.9 <sup>(1)</sup>  | 36.7 <sup>(1)</sup>  | 36.7 <sup>(1)</sup>  | 36.7 <sup>(1)</sup>  | 40.3 <sup>(1)</sup>  | 40.3 <sup>(1)</sup>  | 37.3*                | 37.3 <sup>(1)</sup>  | 34.3*                | 34.3 <sup>(1)</sup>  | 31.3*                | 31.3 <sup>(1)</sup>  | 28.3*                | 28.3 <sup>(1)</sup>  | 25.3*                | 25.3 <sup>(1)</sup>  | 22.3*                | 22.3 <sup>(1)</sup>  | 19.3*                | 19.3 <sup>(1)</sup>  | 16.3*                | 16.3 <sup>(1)</sup>  | 13.3*                | 13.3 <sup>(1)</sup>  |
| 170                                            | B | 25.1 <sup>(1)</sup>  | 32.8 <sup>(1)</sup>  | 32.8 <sup>(1)</sup>  | 32.8 <sup>(1)</sup>  | 36.8 <sup>(1)</sup>  | 36.8 <sup>(1)</sup>  | 33.8*                | 33.8 <sup>(1)</sup>  | 30.8*                | 30.8 <sup>(1)</sup>  | 27.8*                | 27.8 <sup>(1)</sup>  | 24.8*                | 24.8 <sup>(1)</sup>  | 21.8*                | 21.8 <sup>(1)</sup>  | 18.8*                | 18.8 <sup>(1)</sup>  | 15.8*                | 15.8 <sup>(1)</sup>  | 12.8*                | 12.8 <sup>(1)</sup>  | 9.8*                 | 9.8 <sup>(1)</sup>   |
| 175                                            | B | 22.2 <sup>(1)</sup>  | 29.0 <sup>(1)</sup>  | 29.0 <sup>(1)</sup>  | 29.0 <sup>(1)</sup>  | 33.6 <sup>(1)</sup>  | 33.6 <sup>(1)</sup>  | 30.6*                | 30.6 <sup>(1)</sup>  | 27.6*                | 27.6 <sup>(1)</sup>  | 24.6*                | 24.6 <sup>(1)</sup>  | 21.6*                | 21.6 <sup>(1)</sup>  | 18.6*                | 18.6 <sup>(1)</sup>  | 15.6*                | 15.6 <sup>(1)</sup>  | 12.6*                | 12.6 <sup>(1)</sup>  | 9.6*                 | 9.6 <sup>(1)</sup>   | 6.6*                 | 6.6 <sup>(1)</sup>   |
| 180                                            | B | 19.3 <sup>(1)</sup>  | 25.1 <sup>(1)</sup>  | 25.1 <sup>(1)</sup>  | 25.1 <sup>(1)</sup>  | 30.3 <sup>(1)</sup>  | 30.3 <sup>(1)</sup>  | 27.3*                | 27.3 <sup>(1)</sup>  | 24.3*                | 24.3 <sup>(1)</sup>  | 21.3*                | 21.3 <sup>(1)</sup>  | 18.3*                | 18.3 <sup>(1)</sup>  | 15.3*                | 15.3 <sup>(1)</sup>  | 12.3*                | 12.3 <sup>(1)</sup>  | 9.3*                 | 9.3 <sup>(1)</sup>   | 6.3*                 | 6.3 <sup>(1)</sup>   | 3.3*                 | 3.3 <sup>(1)</sup>   |
| 185                                            | B | 16.4 <sup>(1)</sup>  | 21.2 <sup>(1)</sup>  | 21.2 <sup>(1)</sup>  | 21.2 <sup>(1)</sup>  | 27.1 <sup>(1)</sup>  | 27.1 <sup>(1)</sup>  | 24.1*                | 24.1 <sup>(1)</sup>  | 21.1*                | 21.1 <sup>(1)</sup>  | 18.1*                | 18.1 <sup>(1)</sup>  | 15.1*                | 15.1 <sup>(1)</sup>  | 12.1*                | 12.1 <sup>(1)</sup>  | 9.1*                 | 9.1 <sup>(1)</sup>   | 6.1*                 | 6.1 <sup>(1)</sup>   | 3.1*                 | 3.1 <sup>(1)</sup>   | 0.1*                 | 0.1 <sup>(1)</sup>   |
| 190                                            | B | 13.4 <sup>(1)</sup>  | 17.0 <sup>(1)</sup>  | 17.0 <sup>(1)</sup>  | 17.0 <sup>(1)</sup>  | 23.9 <sup>(1)</sup>  | 23.9 <sup>(1)</sup>  | 20.9*                | 20.9 <sup>(1)</sup>  | 17.9*                | 17.9 <sup>(1)</sup>  | 14.9*                | 14.9 <sup>(1)</sup>  | 11.9*                | 11.9 <sup>(1)</sup>  | 8.9*                 | 8.9 <sup>(1)</sup>   | 5.9*                 | 5.9 <sup>(1)</sup>   | 2.9*                 | 2.9 <sup>(1)</sup>   | 0.9*                 | 0.9 <sup>(1)</sup>   | -0.1*                | -0.1 <sup>(1)</sup>  |
| 195                                            | B | 10.6 <sup>(1)</sup>  | 14.0 <sup>(1)</sup>  | 14.0 <sup>(1)</sup>  | 14.0 <sup>(1)</sup>  | 20.6 <sup>(1)</sup>  | 20.6 <sup>(1)</sup>  | 17.6*                | 17.6 <sup>(1)</sup>  | 14.6*                | 14.6 <sup>(1)</sup>  | 11.6*                | 11.6 <sup>(1)</sup>  | 8.6*                 | 8.6 <sup>(1)</sup>   | 5.6*                 | 5.6 <sup>(1)</sup>   | 2.6*                 | 2.6 <sup>(1)</sup>   | 0.6*                 | 0.6 <sup>(1)</sup>   | -0.4*                | -0.4 <sup>(1)</sup>  | -1.4*                | -1.4 <sup>(1)</sup>  |
| 200                                            | B | 7.7 <sup>(1)</sup>   | 11.0 <sup>(1)</sup>  | 11.0 <sup>(1)</sup>  | 11.0 <sup>(1)</sup>  | 17.4 <sup>(1)</sup>  | 17.4 <sup>(1)</sup>  | 14.4*                | 14.4 <sup>(1)</sup>  | 11.4*                | 11.4 <sup>(1)</sup>  | 8.4*                 | 8.4 <sup>(1)</sup>   | 5.4*                 | 5.4 <sup>(1)</sup>   | 2.4*                 | 2.4 <sup>(1)</sup>   | 0.4*                 | 0.4 <sup>(1)</sup>   | -0.6*                | -0.6 <sup>(1)</sup>  | -1.6*                | -1.6 <sup>(1)</sup>  | -2.6*                | -2.6 <sup>(1)</sup>  |
| 205                                            | B | 154.0 <sup>(1)</sup> | 159.0 <sup>(1)</sup> | 159.0 <sup>(1)</sup> | 159.0 <sup>(1)</sup> | 161.0 <sup>(1)</sup> | 161.0 <sup>(1)</sup> | 158.0 <sup>(1)</sup> | 158.0 <sup>(1)</sup> | 154.0 <sup>(1)</sup> | 154.0 <sup>(1)</sup> | 150.0 <sup>(1)</sup> | 150.0 <sup>(1)</sup> | 146.0 <sup>(1)</sup> | 146.0 <sup>(1)</sup> | 142.0 <sup>(1)</sup> | 142.0 <sup>(1)</sup> | 138.0 <sup>(1)</sup> | 138.0 <sup>(1)</sup> | 134.0 <sup>(1)</sup> | 134.0 <sup>(1)</sup> | 130.0 <sup>(1)</sup> | 130.0 <sup>(1)</sup> | 126.0 <sup>(1)</sup> | 126.0 <sup>(1)</sup> |
| 210                                            | B | 149.0 <sup>(1)</sup> | 153.0 <sup>(1)</sup> | 153.0 <sup>(1)</sup> | 153.0 <sup>(1)</sup> | 156.0 <sup>(1)</sup> | 156.0 <sup>(1)</sup> | 152.0 <sup>(1)</sup> | 152.0 <sup>(1)</sup> | 148.0 <sup>(1)</sup> | 148.0 <sup>(1)</sup> | 144.0 <sup>(1)</sup> | 144.0 <sup>(1)</sup> | 140.0 <sup>(1)</sup> | 140.0 <sup>(1)</sup> | 136.0 <sup>(1)</sup> | 136.0 <sup>(1)</sup> | 132.0 <sup>(1)</sup> | 132.0 <sup>(1)</sup> | 128.0 <sup>(1)</sup> | 128.0 <sup>(1)</sup> | 124.0 <sup>(1)</sup> | 124.0 <sup>(1)</sup> | 120.0 <sup>(1)</sup> | 120.0 <sup>(1)</sup> |
| 215                                            | B | 143.0 <sup>(1)</sup> | 147.0 <sup>(1)</sup> | 147.0 <sup>(1)</sup> | 147.0 <sup>(1)</sup> | 151.0 <sup>(1)</sup> | 151.0 <sup>(1)</sup> | 147.0 <sup>(1)</sup> | 147.0 <sup>(1)</sup> | 143.0 <sup>(1)</sup> | 143.0 <sup>(1)</sup> | 139.0 <sup>(1)</sup> | 139.0 <sup>(1)</sup> | 135.0 <sup>(1)</sup> | 135.0 <sup>(1)</sup> | 131.0 <sup>(1)</sup> | 131.0 <sup>(1)</sup> | 127.0 <sup>(1)</sup> | 127.0 <sup>(1)</sup> | 123.0 <sup>(1)</sup> | 123.0 <sup>(1)</sup> | 119.0 <sup>(1)</sup> | 119.0 <sup>(1)</sup> | 115.0 <sup>(1)</sup> | 115.0 <sup>(1)</sup> |
| 220                                            | B |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |



286,600 lb –  
374,800 lb



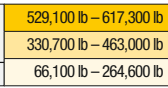
529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb



60

| <div>ft</div> |     | S 236 |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |       |        |       |                    |                    |       |
|------------------------------------------------------------------------------------------------|-----|-------|------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------|-------|--------------------|--------------------|-------|
|                                                                                                |     | W 59  |      | W 79   |                     | W 98   |                     | W 118  |                     | W 138  |                     | W 157  |                     | W 177  |                     | W 197  |                     | W 217              |                    | W 236              |                    | W 256              |       | W 276  |       |                    |                    |       |
|                                                                                                |     | 85    | Wmax | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85             | Wmax               | 87°/85             | Wmax               | 87°/85             | Wmax  | 87°/85 | Wmax  |                    |                    |       |
| 250                                                                                            | - B |       |      |        | 113.0 <sup>1)</sup> |        | 116.0 <sup>2)</sup> |        | 120.0 <sup>3)</sup> |        | 122.0 <sup>4)</sup> |        | 120.0 <sup>5)</sup> |        | 118.0 <sup>6)</sup> |        | 106.0 <sup>7)</sup> | 11.1 <sup>1)</sup> | 13.7 <sup>1)</sup> | 20.2*              | 20.2*              | 18.7*              | 18.7* | 17.1*  | 17.1* |                    |                    |       |
| 255                                                                                            | - B |       |      |        |                     |        | 112.0 <sup>2)</sup> |        | 116.0 <sup>3)</sup> |        | 118.0 <sup>4)</sup> |        | 117.0 <sup>5)</sup> |        | 115.0 <sup>6)</sup> |        | 105.0 <sup>7)</sup> | 8.9 <sup>1)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 260                                                                                            | - B |       |      |        |                     |        | 108.0 <sup>2)</sup> |        | 111.0 <sup>3)</sup> |        | 114.0 <sup>4)</sup> |        | 115.0 <sup>5)</sup> |        | 112.0 <sup>6)</sup> |        | 104.0 <sup>7)</sup> | 6.6 <sup>1)</sup>  | 9.4 <sup>1)</sup>  | 16.1               | 16.1               | 17.0*              | 17.0* | 15.3*  | 15.3* |                    |                    |       |
| 265                                                                                            | - B |       |      |        |                     |        | 104.0 <sup>2)</sup> |        | 107.0 <sup>3)</sup> |        | 110.0 <sup>4)</sup> |        | 112.0 <sup>5)</sup> |        | 109.0 <sup>6)</sup> |        | 104.0 <sup>7)</sup> | 7.3 <sup>1)</sup>  | 10.5 <sup>1)</sup> | 16.3*              | 16.3*              | 14.5*              | 14.5* | 13.7*  | 13.7* |                    |                    |       |
| 270                                                                                            | - B |       |      |        |                     |        | 101.0 <sup>2)</sup> |        | 103.0 <sup>3)</sup> |        | 106.0 <sup>4)</sup> |        | 108.0 <sup>5)</sup> |        | 107.0 <sup>6)</sup> |        | 102.0 <sup>7)</sup> | 8.4 <sup>1)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 275                                                                                            | - B |       |      |        |                     |        |                     |        | 99.6 <sup>2)</sup>  |        | 102.0 <sup>3)</sup> |        | 105.0 <sup>4)</sup> |        | 105.0 <sup>5)</sup> |        | 102.0 <sup>6)</sup> | 9.1 <sup>3)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 280                                                                                            | - B |       |      |        |                     |        |                     |        | 96.2 <sup>2)</sup>  |        | 98.2 <sup>3)</sup>  |        | 101.0 <sup>4)</sup> |        | 102.0 <sup>5)</sup> |        | 99.1 <sup>3)</sup>  | 9.0 <sup>8)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 285                                                                                            | - B |       |      |        |                     |        |                     |        | 92.8 <sup>2)</sup>  |        | 94.1 <sup>2)</sup>  |        | 97.7 <sup>3)</sup>  |        | 101.0 <sup>1)</sup> |        | 98.2 <sup>3)</sup>  | 8.9 <sup>6)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 290                                                                                            | - B |       |      |        |                     |        |                     |        | 89.3 <sup>2)</sup>  |        | 91.0 <sup>2)</sup>  |        | 94.3 <sup>3)</sup>  |        | 96.8 <sup>3)</sup>  |        | 95.7 <sup>2)</sup>  | 8.9 <sup>3)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 295                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        | 88.0 <sup>2)</sup>  |        | 90.8 <sup>3)</sup>  |        | 93.6 <sup>3)</sup>  |        | 93.5 <sup>2)</sup>  | 8.7 <sup>8)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 300                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        | 84.9 <sup>2)</sup>  |        | 87.3 <sup>3)</sup>  |        | 90.5 <sup>3)</sup>  |        | 91.9 <sup>3)</sup>  | 8.7 <sup>3)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 305                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        | 81.9 <sup>2)</sup>  |        | 83.4 <sup>2)</sup>  |        | 87.4 <sup>3)</sup>  |        | 90.5 <sup>1)</sup>  | 8.5 <sup>7)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 310                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        | 78.8 <sup>2)</sup>  |        | 80.6 <sup>2)</sup>  |        | 84.2 <sup>3)</sup>  |        | 86.8 <sup>3)</sup>  | 8.5 <sup>1)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 315                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        | 77.9 <sup>2)</sup>  |        | 81.1 <sup>3)</sup>  |        | 84.0 <sup>3)</sup>  | 8.3 <sup>8)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 320                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        | 75.2 <sup>2)</sup>  |        | 78.0 <sup>3)</sup>  |        | 81.2 <sup>3)</sup>  | 8.2 <sup>4)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 325                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        | 72.4 <sup>2)</sup>  |        | 74.5 <sup>2)</sup>  |        | 78.4 <sup>3)</sup>  | 7.9 <sup>9)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 330                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        | 69.7 <sup>2)</sup>  |        | 72.0 <sup>2)</sup>  |        | 75.6 <sup>3)</sup>  | 7.7 <sup>3)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 335                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        | 69.6 <sup>2)</sup>  |        | 72.8 <sup>3)</sup>  | 7.4 <sup>7)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 340                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        | 67.1 <sup>2)</sup>  |        | 69.9 <sup>3)</sup>  | 7.2 <sup>3)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 345                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        | 64.6 <sup>2)</sup>  |        | 66.6 <sup>2)</sup>  | 6.9 <sup>6)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 350                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        | 62.1 <sup>2)</sup>  |        | 64.3 <sup>2)</sup>  | 6.7 <sup>4)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 355                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        | 62.1 <sup>2)</sup>  | 6.4 <sup>4)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 360                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        | 59.8 <sup>2)</sup>  | 6.1 <sup>8)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 365                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        | 57.5 <sup>2)</sup>  | 5.8 <sup>7)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 370                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        | 55.2 <sup>2)</sup>  | 5.6 <sup>7)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9*              | 17.9* | 16.2*  | 16.2* |                    |                    |       |
| 375                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     | 54.5 <sup>2)</sup> | 5.4 <sup>5)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9* | 17.9*  | 16.2* | 16.2*              |                    |       |
| 380                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     | 52.4 <sup>2)</sup> | 5.2 <sup>4)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9* | 17.9*  | 16.2* | 16.2*              |                    |       |
| 385                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     | 50.3 <sup>2)</sup> | 5.2 <sup>2)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9* | 17.9*  | 16.2* | 16.2*              |                    |       |
| 390                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     | 48.3 <sup>2)</sup> | 5.0 <sup>3)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4*              | 17.9* | 17.9*  | 16.2* | 16.2*              |                    |       |
| 395                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    | 48.4 <sup>2)</sup> | 5.0 <sup>3)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4* | 17.9*  | 17.9* | 16.2*              | 16.2*              |       |
| 400                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    | 46.5 <sup>2)</sup> | 4.7 <sup>8)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4* | 17.9*  | 17.9* | 16.2*              | 16.2*              |       |
| 405                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    | 44.6 <sup>2)</sup> | 4.6 <sup>7)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4* | 17.9*  | 17.9* | 16.2*              | 16.2*              |       |
| 410                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    | 42.7 <sup>2)</sup> | 4.4 <sup>3)</sup>  | 11.5 <sup>1)</sup> | 19.4*              | 19.4* | 17.9*  | 17.9* | 16.2*              | 16.2*              |       |
| 415                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    |                    | 42.5 <sup>2)</sup> | 4.4 <sup>3)</sup>  | 11.5 <sup>1)</sup> | 19.4* | 19.4*  | 17.9* | 17.9*              | 16.2*              | 16.2* |
| 420                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    |                    | 40.7 <sup>2)</sup> | 4.0 <sup>7)</sup>  | 11.5 <sup>1)</sup> | 19.4* | 19.4*  | 17.9* | 17.9*              | 16.2*              | 16.2* |
| 425                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    |                    | 39.0 <sup>2)</sup> | 3.9 <sup>0)</sup>  | 11.5 <sup>1)</sup> | 19.4* | 19.4*  | 17.9* | 17.9*              | 16.2*              | 16.2* |
| 430                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    |                    | 37.2 <sup>2)</sup> | 3.7 <sup>2)</sup>  | 11.5 <sup>1)</sup> | 19.4* | 19.4*  | 17.9* | 17.9*              | 16.2*              | 16.2* |
| 435                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |       |        |       | 35.5 <sup>2)</sup> | 35.5 <sup>2)</sup> |       |
| 440                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |       |        |       | 33.4 <sup>2)</sup> | 33.4 <sup>2)</sup> |       |
| 445                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |       |        |       | 31.3 <sup>2)</sup> | 31.3 <sup>2)</sup> |       |
| 450                                                                                            | - B |       |      |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |       |        |       | 29.3 <sup>2)</sup> | 29.3 <sup>2)</sup> |       |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



60

| <div><div><div></div></div><div>ft</div></div> |   | S 256 |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
|------------------------------------------------|---|-------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
|                                                |   | W 59  |      | W 79   |        | W 98   |        | W 118  |        | W 138  |        | W 157  |      | W 177  |      | W 197  |      | W 217  |      | W 236  |      | W 256  |      | W 276  |      |
|                                                |   | 85    | Wmax | 87°/85 | Wmax   | 87°/85 | Wmax   | 87°/85 | Wmax   | 87°/85 | Wmax   | 87°/85 | Wmax | 87°/85 | Wmax | 87°/85 | Wmax | 87°/85 | Wmax | 87°/85 | Wmax | 87°/85 | Wmax | 87°/85 | Wmax |
| 45                                             | B |       |      | 234.0* | 234.0* |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 50                                             | B |       |      | 228.0* | 228.0* | 218.0* | 218.0* |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 55                                             | B |       |      | 221.0* | 221.0* |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 60                                             | B |       |      | 193.0* | 193.0* | 186.0* | 186.0* | 179.0* | 179.0* | 170.0* | 170.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 65                                             | B |       |      | 189.0* | 189.0* | 180.0* | 180.0* | 170.0* | 170.0* | 160.0* | 160.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 70                                             | B |       |      | 159.0* | 159.0* | 150.0* | 150.0* | 140.0* | 140.0* | 130.0* | 130.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 75                                             | B |       |      | 143.0* | 143.0* | 133.0* | 133.0* | 123.0* | 123.0* | 113.0* | 113.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 80                                             | B |       |      | 129.0* | 129.0* | 119.0* | 119.0* | 109.0* | 109.0* | 99.0*  | 99.0*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 85                                             | B |       |      | 117.0* | 117.0* | 107.0* | 107.0* | 97.0*  | 97.0*  | 87.0*  | 87.0*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 90                                             | B |       |      | 104.0* | 104.0* | 94.0*  | 94.0*  | 84.0*  | 84.0*  | 74.0*  | 74.0*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 95                                             | B |       |      | 92.4*  | 92.4*  | 82.4*  | 82.4*  | 72.4*  | 72.4*  | 62.4*  | 62.4*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 100                                            | B |       |      | 88.3*  | 88.3*  | 78.3*  | 78.3*  | 68.3*  | 68.3*  | 58.3*  | 58.3*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 105                                            | B |       |      | 84.0*  | 84.0*  | 74.0*  | 74.0*  | 64.0*  | 64.0*  | 54.0*  | 54.0*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 110                                            | B |       |      | 80.2*  | 80.2*  | 70.2*  | 70.2*  | 60.2*  | 60.2*  | 50.2*  | 50.2*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 115                                            | B |       |      | 76.4*  | 76.4*  | 66.4*  | 66.4*  | 56.4*  | 56.4*  | 46.4*  | 46.4*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 120                                            | B |       |      | 72.5*  | 72.5*  | 62.5*  | 62.5*  | 52.5*  | 52.5*  | 42.5*  | 42.5*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 125                                            | B |       |      | 68.6*  | 68.6*  | 58.6*  | 58.6*  | 48.6*  | 48.6*  | 38.6*  | 38.6*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 130                                            | B |       |      | 64.7*  | 64.7*  | 54.7*  | 54.7*  | 44.7*  | 44.7*  | 34.7*  | 34.7*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 135                                            | B |       |      | 60.8*  | 60.8*  | 50.8*  | 50.8*  | 40.8*  | 40.8*  | 30.8*  | 30.8*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 140                                            | B |       |      | 56.9*  | 56.9*  | 46.9*  | 46.9*  | 36.9*  | 36.9*  | 26.9*  | 26.9*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 145                                            | B |       |      | 52.9*  | 52.9*  | 42.9*  | 42.9*  | 32.9*  | 32.9*  | 22.9*  | 22.9*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 150                                            | B |       |      | 48.9*  | 48.9*  | 38.9*  | 38.9*  | 28.9*  | 28.9*  | 18.9*  | 18.9*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 155                                            | B |       |      | 44.9*  | 44.9*  | 34.9*  | 34.9*  | 24.9*  | 24.9*  | 14.9*  | 14.9*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 160                                            | B |       |      | 40.9*  | 40.9*  | 30.9*  | 30.9*  | 20.9*  | 20.9*  | 10.9*  | 10.9*  |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 165                                            | B |       |      | 36.9*  | 36.9*  | 26.9*  | 26.9*  | 16.9*  | 16.9*  | 6.9*   | 6.9*   |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 170                                            | B |       |      | 32.9*  | 32.9*  | 22.9*  | 22.9*  | 12.9*  | 12.9*  | 2.9*   | 2.9*   |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 175                                            | B |       |      | 28.9*  | 28.9*  | 18.9*  | 18.9*  | 8.9*   | 8.9*   |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 180                                            | B |       |      | 24.9*  | 24.9*  | 14.9*  | 14.9*  | 4.9*   | 4.9*   |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 185                                            | B |       |      | 20.9*  | 20.9*  | 10.9*  | 10.9*  |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 190                                            | B |       |      | 16.9*  | 16.9*  | 6.9*   | 6.9*   |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 195                                            | B |       |      | 12.9*  | 12.9*  | 2.9*   | 2.9*   |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 200                                            | B |       |      | 8.9*   | 8.9*   |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 205                                            | B |       |      | 4.9*   | 4.9*   |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 210                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 215                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 220                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 225                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 230                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 235                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 240                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 245                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 250                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 255                                            | B |       |      |        |        |        |        |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |



286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb



60

| <div><div></div><div>ft</div></div> |   | S 256 |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                     |                     |                     |                     |
|-------------------------------------|---|-------|------|--------|---------------------|--------|---------------------|--------|---------------------|--------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
|                                     |   | W 59  |      | W 79   |                     | W 98   |                     | W 118  |                     | W 138  |                     | W 157              |                    | W 177              |                    | W 197              |                    | W 217              |                    | W 236              |                    | W 256              |                     | W 276               |                     |                     |
|                                     |   | 85    | Wmax | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85 | Wmax                | 87°/85             | Wmax               | 87°/85             | Wmax               | 87°/85             | Wmax               | 87°/85             | Wmax               | 87°/85             | Wmax               | 87°/85             | Wmax                | 87°/85              | Wmax                | 87°/85              |
| 260                                 | B |       |      |        | 104.0 <sup>1)</sup> |        | 106.0 <sup>2)</sup> |        | 108.0 <sup>3)</sup> |        | 105.0 <sup>4)</sup> |                    | 97.1 <sup>5)</sup> |                    | 89.9 <sup>6)</sup> |                    | 82.2 <sup>7)</sup> |                    | 73.1 <sup>8)</sup> | 14.7               | 14.7               | 16.1 <sup>9)</sup> | 16.1 <sup>10)</sup> | 13.8 <sup>11)</sup> | 13.8 <sup>12)</sup> |                     |
| 265                                 | B |       |      |        | 100.0 <sup>1)</sup> |        | 103.0 <sup>2)</sup> |        | 104.0 <sup>3)</sup> |        | 102.0 <sup>4)</sup> |                    | 96.7 <sup>5)</sup> |                    | 88.2 <sup>6)</sup> |                    | 81.3 <sup>7)</sup> |                    | 72.5 <sup>8)</sup> | 46.4               | 64.6 <sup>9)</sup> | 46.4               | 64.6 <sup>9)</sup>  | 15.4 <sup>10)</sup> | 15.4 <sup>11)</sup> | 13.0 <sup>12)</sup> |
| 270                                 | B |       |      |        |                     |        | 99.1 <sup>1)</sup>  |        | 101.0 <sup>2)</sup> |        | 99.4 <sup>3)</sup>  |                    | 96.5 <sup>4)</sup> |                    | 86.9 <sup>5)</sup> |                    | 80.0 <sup>6)</sup> |                    | 71.9 <sup>7)</sup> |                    | 64.1 <sup>8)</sup> | 14.7 <sup>9)</sup> | 14.7 <sup>10)</sup> | 12.3 <sup>11)</sup> | 12.3 <sup>12)</sup> |                     |
| 275                                 | B |       |      |        |                     |        | 95.5 <sup>1)</sup>  |        | 97.2 <sup>2)</sup>  |        | 96.8 <sup>3)</sup>  |                    | 94.7 <sup>4)</sup> |                    | 85.3 <sup>5)</sup> |                    | 79.2 <sup>6)</sup> |                    | 71.3 <sup>7)</sup> |                    | 63.6 <sup>8)</sup> | 14.1 <sup>9)</sup> | 14.1 <sup>10)</sup> | 11.5 <sup>11)</sup> | 11.5 <sup>12)</sup> |                     |
| 280                                 | B |       |      |        |                     |        | 91.9 <sup>1)</sup>  |        | 94.0 <sup>2)</sup>  |        | 94.2 <sup>3)</sup>  |                    | 92.4 <sup>4)</sup> |                    | 83.7 <sup>5)</sup> |                    | 77.8 <sup>6)</sup> |                    | 70.4 <sup>7)</sup> |                    | 63.1 <sup>8)</sup> | 9.7                | 9.7                 | 10.9 <sup>9)</sup>  | 10.9 <sup>10)</sup> |                     |
| 285                                 | B |       |      |        |                     |        | 88.3 <sup>1)</sup>  |        | 90.9 <sup>2)</sup>  |        | 91.6 <sup>3)</sup>  |                    | 90.2 <sup>4)</sup> |                    | 82.9 <sup>5)</sup> |                    | 76.7 <sup>6)</sup> |                    | 69.7 <sup>7)</sup> |                    | 62.6 <sup>8)</sup> | 39.0               | 39.0                | 9.3                 | 9.3                 |                     |
| 290                                 | B |       |      |        |                     |        |                     |        | 87.7 <sup>1)</sup>  |        | 89.0 <sup>2)</sup>  |                    | 87.9 <sup>3)</sup> |                    | 82.7 <sup>4)</sup> |                    | 75.3 <sup>5)</sup> |                    | 69.2 <sup>6)</sup> |                    | 62.1 <sup>7)</sup> |                    | 55.1 <sup>8)</sup>  | 34.8                | 34.8                |                     |
| 295                                 | B |       |      |        |                     |        |                     |        | 84.6 <sup>1)</sup>  |        | 85.7 <sup>2)</sup>  |                    | 85.7 <sup>3)</sup> |                    | 81.1 <sup>4)</sup> |                    | 74.2 <sup>5)</sup> |                    | 67.9 <sup>6)</sup> |                    | 61.3 <sup>7)</sup> |                    | 54.7 <sup>8)</sup>  | 33.2                | 33.2                |                     |
| 300                                 | B |       |      |        |                     |        |                     |        | 81.4 <sup>1)</sup>  |        | 82.8 <sup>2)</sup>  |                    | 83.5 <sup>3)</sup> |                    | 79.4 <sup>4)</sup> |                    | 72.8 <sup>5)</sup> |                    | 66.9 <sup>6)</sup> |                    | 60.7 <sup>7)</sup> |                    | 54.3 <sup>8)</sup>  | 32.5                | 32.5                |                     |
| 305                                 | B |       |      |        |                     |        |                     |        | 78.3 <sup>1)</sup>  |        | 80.0 <sup>2)</sup>  |                    | 81.3 <sup>3)</sup> |                    | 77.7 <sup>4)</sup> |                    | 72.6 <sup>5)</sup> |                    | 65.7 <sup>6)</sup> |                    | 60.3 <sup>7)</sup> |                    | 53.8 <sup>8)</sup>  | 31.9                | 31.9                |                     |
| 310                                 | B |       |      |        |                     |        |                     |        |                     |        | 77.2 <sup>1)</sup>  |                    | 79.0 <sup>2)</sup> |                    | 76.1 <sup>3)</sup> |                    | 72.5 <sup>4)</sup> |                    | 64.9 <sup>5)</sup> |                    | 59.2 <sup>6)</sup> |                    | 53.1 <sup>7)</sup>  | 31.4                | 31.4                |                     |
| 315                                 | B |       |      |        |                     |        |                     |        |                     |        | 74.4 <sup>1)</sup>  |                    | 75.8 <sup>2)</sup> |                    | 74.4 <sup>3)</sup> |                    | 70.8 <sup>4)</sup> |                    | 63.7 <sup>5)</sup> |                    | 58.8 <sup>6)</sup> |                    | 52.8 <sup>7)</sup>  |                     |                     |                     |
| 320                                 | B |       |      |        |                     |        |                     |        |                     |        | 71.6 <sup>1)</sup>  |                    | 73.3 <sup>2)</sup> |                    | 72.7 <sup>3)</sup> |                    | 69.3 <sup>4)</sup> |                    | 63.0 <sup>5)</sup> |                    | 58.0 <sup>6)</sup> |                    | 52.5 <sup>7)</sup>  |                     |                     |                     |
| 325                                 | B |       |      |        |                     |        |                     |        |                     |        | 68.7 <sup>1)</sup>  |                    | 70.8 <sup>2)</sup> |                    | 71.0 <sup>3)</sup> |                    | 67.8 <sup>4)</sup> |                    | 62.9 <sup>5)</sup> |                    | 56.9 <sup>6)</sup> |                    | 51.6 <sup>7)</sup>  |                     |                     |                     |
| 330                                 | B |       |      |        |                     |        |                     |        |                     |        |                     | 68.3 <sup>1)</sup> |                    | 69.3 <sup>2)</sup> |                    | 66.4 <sup>3)</sup> |                    | 62.8 <sup>4)</sup> |                    | 56.1 <sup>5)</sup> |                    | 51.1 <sup>6)</sup> |                     |                     |                     |                     |
| 335                                 | B |       |      |        |                     |        |                     |        |                     |        |                     | 65.8 <sup>1)</sup> |                    | 65.9 <sup>2)</sup> |                    | 64.9 <sup>3)</sup> |                    | 61.1 <sup>4)</sup> |                    | 55.2 <sup>5)</sup> |                    | 50.7 <sup>6)</sup> |                     |                     |                     |                     |
| 340                                 | B |       |      |        |                     |        |                     |        |                     |        |                     | 63.2 <sup>1)</sup> |                    | 63.9 <sup>2)</sup> |                    | 63.4 <sup>3)</sup> |                    | 59.8 <sup>4)</sup> |                    | 55.0 <sup>5)</sup> |                    | 49.7 <sup>6)</sup> |                     |                     |                     |                     |
| 345                                 | B |       |      |        |                     |        |                     |        |                     |        |                     | 60.7 <sup>1)</sup> |                    | 61.8 <sup>2)</sup> |                    | 61.9 <sup>3)</sup> |                    | 58.5 <sup>4)</sup> |                    | 54.9 <sup>5)</sup> |                    | 49.3 <sup>6)</sup> |                     |                     |                     |                     |
| 350                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    | 59.7 <sup>1)</sup> |                    | 60.4 <sup>2)</sup> |                    | 57.2 <sup>3)</sup> |                    | 54.8 <sup>4)</sup> |                    | 50.8 <sup>5)</sup> |                    | 48.3 <sup>6)</sup>  |                     |                     |                     |
| 355                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    | 57.6 <sup>1)</sup> |                    | 57.4 <sup>2)</sup> |                    | 55.9 <sup>3)</sup> |                    | 53.1 <sup>4)</sup> |                    | 50.3 <sup>5)</sup> |                    | 47.8 <sup>6)</sup>  |                     |                     |                     |
| 360                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    | 55.5 <sup>1)</sup> |                    | 55.7 <sup>2)</sup> |                    | 54.5 <sup>3)</sup> |                    | 51.9 <sup>4)</sup> |                    | 49.5 <sup>5)</sup> |                    | 47.7 <sup>6)</sup>  |                     |                     |                     |
| 365                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    | 53.4 <sup>1)</sup> |                    | 54.0 <sup>2)</sup> |                    | 53.2 <sup>3)</sup> |                    | 50.7 <sup>4)</sup> |                    | 48.3 <sup>5)</sup> |                    | 47.6 <sup>6)</sup>  |                     |                     |                     |
| 370                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    | 52.3 <sup>1)</sup> |                    | 51.9 <sup>2)</sup> |                    | 49.5 <sup>3)</sup> |                    | 47.1 <sup>4)</sup> |                    | 47.6 <sup>5)</sup>  |                     |                     |                     |
| 375                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    | 50.6 <sup>1)</sup> |                    | 49.3 <sup>2)</sup> |                    | 48.4 <sup>3)</sup> |                    | 46.0 <sup>4)</sup> |                    | 45.8 <sup>5)</sup>  |                     |                     |                     |
| 380                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    | 48.9 <sup>1)</sup> |                    | 47.9 <sup>2)</sup> |                    | 47.2 <sup>3)</sup> |                    | 44.6 <sup>4)</sup> |                    | 44.8 <sup>5)</sup>  |                     |                     |                     |
| 385                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    | 47.2 <sup>1)</sup> |                    | 46.5 <sup>2)</sup> |                    | 46.0 <sup>3)</sup> |                    | 43.4 <sup>4)</sup> |                    | 43.7 <sup>5)</sup>  |                     |                     |                     |
| 390                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    | 45.1 <sup>1)</sup> |                    | 44.8 <sup>2)</sup> |                    | 42.9 <sup>3)</sup> |                    | 42.6 <sup>4)</sup> |                     | 42.6 <sup>5)</sup>  |                     |                     |
| 395                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    | 43.7 <sup>1)</sup> |                    | 42.5 <sup>2)</sup> |                    | 41.5 <sup>3)</sup> |                    | 41.6 <sup>4)</sup> |                     | 41.6 <sup>5)</sup>  |                     |                     |
| 400                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    | 42.3 <sup>1)</sup> |                    | 41.3 <sup>2)</sup> |                    | 40.5 <sup>3)</sup> |                    | 40.5 <sup>4)</sup> |                     | 40.5 <sup>5)</sup>  |                     |                     |
| 405                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    | 40.9 <sup>1)</sup> |                    | 40.0 <sup>2)</sup> |                    | 39.4 <sup>3)</sup> |                    | 39.4 <sup>4)</sup> |                     | 39.4 <sup>5)</sup>  |                     |                     |
| 410                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    | 38.8 <sup>1)</sup> |                    | 38.3 <sup>2)</sup> |                    | 38.3 <sup>3)</sup> |                     | 38.3 <sup>4)</sup>  |                     |                     |
| 415                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    | 37.6 <sup>1)</sup> |                    | 37.6 <sup>2)</sup> |                    | 37.6 <sup>3)</sup> |                     | 37.6 <sup>4)</sup>  |                     |                     |
| 420                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    | 36.3 <sup>1)</sup> |                    | 36.3 <sup>2)</sup> |                    | 36.3 <sup>3)</sup> |                     | 36.3 <sup>4)</sup>  |                     |                     |
| 425                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    | 35.1 <sup>1)</sup> |                    | 35.1 <sup>2)</sup> |                    | 35.1 <sup>3)</sup> |                     | 35.1 <sup>4)</sup>  |                     |                     |
| 430                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    |                    |                    | 34.6 <sup>1)</sup> |                    | 34.6 <sup>2)</sup> |                     | 34.6 <sup>3)</sup>  |                     |                     |
| 435                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    |                    |                    | 33.1 <sup>1)</sup> |                    | 33.1 <sup>2)</sup> |                     | 33.1 <sup>3)</sup>  |                     |                     |
| 440                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    |                    |                    | 31.8 <sup>1)</sup> |                    | 31.8 <sup>2)</sup> |                     | 31.8 <sup>3)</sup>  |                     |                     |
| 445                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    |                    |                    | 30.6 <sup>1)</sup> |                    | 30.6 <sup>2)</sup> |                     | 30.6 <sup>3)</sup>  |                     |                     |
| 450                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    |                    |                    | 29.4 <sup>1)</sup> |                    | 29.4 <sup>2)</sup> |                     | 29.4 <sup>3)</sup>  |                     |                     |
| 455                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    |                    |                    | 27.9 <sup>1)</sup> |                    | 27.9 <sup>2)</sup> |                     | 27.9 <sup>3)</sup>  |                     |                     |
| 460                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                     |                     |                     |                     |
| 465                                 | B |       |      |        |                     |        |                     |        |                     |        |                     |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                     |                     |                     |                     |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°





286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb



|     |   | S 276 |      |        |        |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
|-----|---|-------|------|--------|--------|--------|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| ft  | B | W 59  |      | W 79   |        | W 98   |        | W 118  |      | W 138  |      | W 157  |      | W 177  |      | W 197  |      | W 217  |      | W 236  |      | W 256  |      | W 276  |      |
|     |   | 85    | Wmax | 87*/85 | Wmax   | 87*/85 | Wmax   | 87*/85 | Wmax | 87*/85 | Wmax | 87*/85 | Wmax | 87*/85 | Wmax | 87*/85 | Wmax | 87*/85 | Wmax | 87*/85 | Wmax | 87*/85 | Wmax | 87*/85 | Wmax |
| 45  | B |       |      | 224.0* | 224.0* |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 50  | B |       |      | 224.0* | 224.0* |        |        |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 55  | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 60  | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 65  | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 70  | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 75  | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 80  | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 85  | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 90  | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 95  | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 100 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 105 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 110 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 115 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 120 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 125 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 130 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 135 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 140 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 145 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 150 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 155 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 160 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 165 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 170 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 175 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 180 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 185 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 190 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 195 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 200 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 205 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 210 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 215 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 220 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 225 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 230 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 235 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 240 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 245 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 250 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 255 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |
| 260 | B |       |      | 218.0* | 218.0* | 196.0* | 196.0* |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |        |      |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb



60

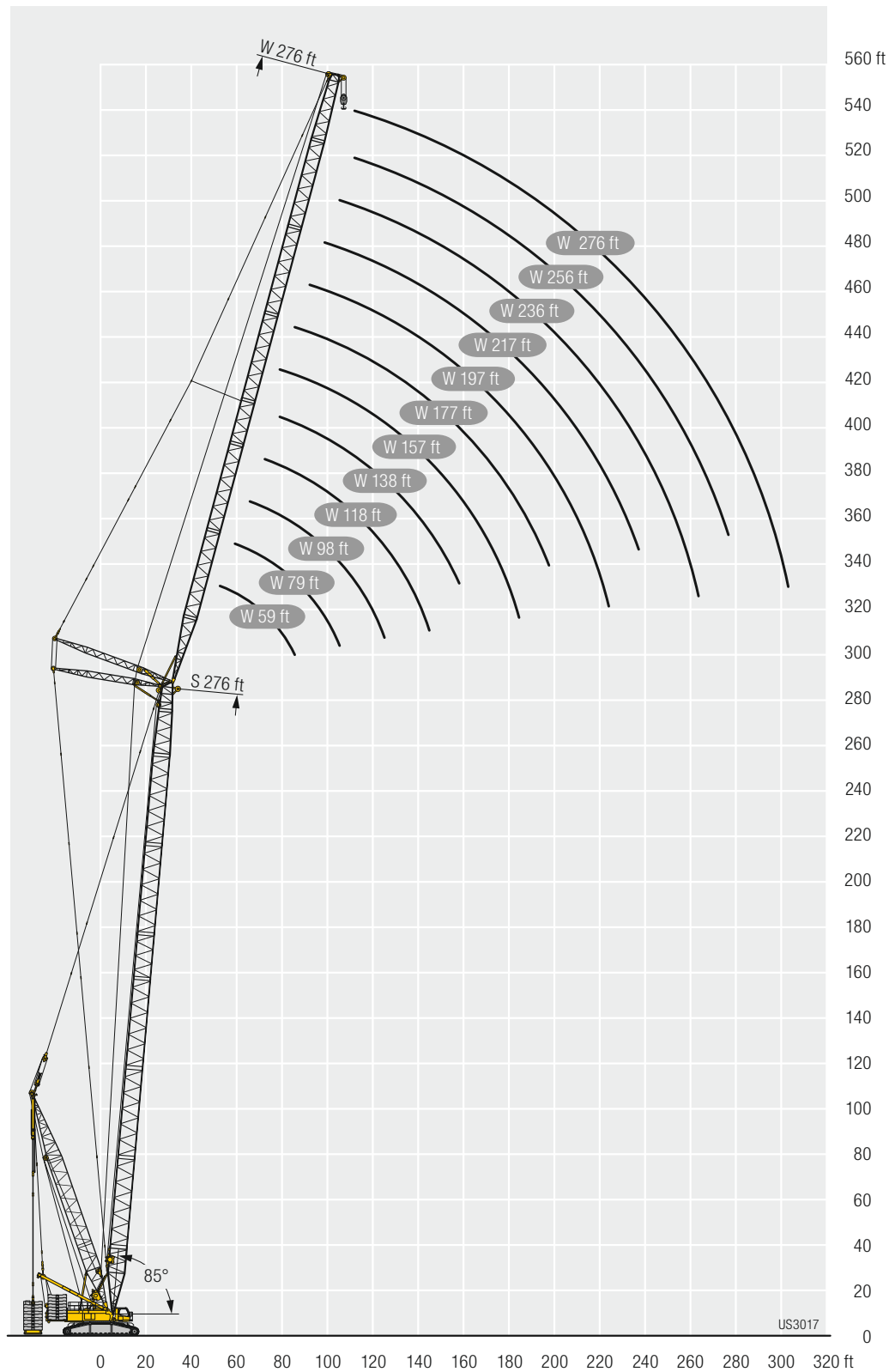
|     |   | S 276 |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |                    |                     |                     |                     |                     |
|-----|---|-------|------|--------------------|------|--------------------|------|--------------------|------|--------------------|------|--------------------|------|--------------------|------|--------------------|------|--------------------|------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
| ft  | B | W 59  |      | W 79               |      | W 98               |      | W 118              |      | W 138              |      | W 157              |      | W 177              |      | W 197              |      | W 217              |      | W 236              |                    | W 256               |                     | W 276               |                     |
|     |   | 85    | Wmax | 87°/85             | Wmax | 87°/85             | Wmax | 87°/85             | Wmax | 87°/85             | Wmax | 87°/85             | Wmax | 87°/85             | Wmax | 87°/85             | Wmax | 87°/85             | Wmax | 87°/85             | Wmax               | 87°/85              | Wmax                | 87°/85              | Wmax                |
| 265 | B |       |      | 99.1 <sup>1)</sup> |      | 96.6 <sup>2)</sup> |      | 91.6 <sup>3)</sup> |      | 86.0 <sup>4)</sup> |      | 78.9 <sup>5)</sup> |      | 72.7 <sup>6)</sup> |      | 66.2 <sup>7)</sup> |      | 59.1 <sup>8)</sup> |      | 12.2               | 12.2               | 13.9 <sup>9)</sup>  | 13.9 <sup>9)</sup>  | 11.6 <sup>10)</sup> | 11.6 <sup>10)</sup> |
| 270 | B |       |      | 95.5 <sup>1)</sup> |      | 93.1 <sup>2)</sup> |      | 89.3 <sup>3)</sup> |      | 84.0 <sup>4)</sup> |      | 78.3 <sup>5)</sup> |      | 71.5 <sup>6)</sup> |      | 65.5 <sup>7)</sup> |      | 58.4 <sup>8)</sup> |      | 37.6               | 52.5 <sup>9)</sup> | 33.3                | 46.4 <sup>10)</sup> | 29.5                | 40.1 <sup>11)</sup> |
| 275 | B |       |      | 92.0 <sup>1)</sup> |      | 90.5 <sup>2)</sup> |      | 87.1 <sup>3)</sup> |      | 81.9 <sup>4)</sup> |      | 77.9 <sup>5)</sup> |      | 70.1 <sup>6)</sup> |      | 64.3 <sup>7)</sup> |      | 57.5 <sup>8)</sup> |      | 51.9 <sup>9)</sup> | 32.4               | 45.9 <sup>10)</sup> | 28.6                | 39.7 <sup>11)</sup> | 10.9 <sup>12)</sup> |
| 280 | B |       |      | 88.4 <sup>1)</sup> |      | 87.9 <sup>2)</sup> |      | 84.8 <sup>3)</sup> |      | 79.9 <sup>4)</sup> |      | 77.3 <sup>5)</sup> |      | 68.8 <sup>6)</sup> |      | 63.5 <sup>7)</sup> |      | 56.8 <sup>8)</sup> |      | 50.7 <sup>9)</sup> | 31.6               | 45.4 <sup>10)</sup> | 27.8                | 39.3 <sup>11)</sup> | 10.2 <sup>12)</sup> |
| 285 | B |       |      |                    |      | 85.3 <sup>2)</sup> |      | 81.5 <sup>3)</sup> |      | 77.8 <sup>4)</sup> |      | 75.3 <sup>5)</sup> |      | 67.5 <sup>6)</sup> |      | 62.5 <sup>7)</sup> |      | 56.2 <sup>8)</sup> |      | 50.2 <sup>9)</sup> | 30.9               | 44.9 <sup>10)</sup> | 27.0                | 38.9 <sup>11)</sup> | 9.5 <sup>12)</sup>  |
| 290 | B |       |      |                    |      | 82.7 <sup>2)</sup> |      | 79.4 <sup>3)</sup> |      | 75.8 <sup>4)</sup> |      | 73.4 <sup>5)</sup> |      | 66.5 <sup>6)</sup> |      | 61.3 <sup>7)</sup> |      | 55.1 <sup>8)</sup> |      | 49.7 <sup>9)</sup> | 30.3               | 44.4 <sup>10)</sup> | 26.2                | 38.5 <sup>11)</sup> | 8.9 <sup>12)</sup>  |
| 295 | B |       |      |                    |      | 80.1 <sup>2)</sup> |      | 77.3 <sup>3)</sup> |      | 73.7 <sup>4)</sup> |      | 71.4 <sup>5)</sup> |      | 66.2 <sup>6)</sup> |      | 60.3 <sup>7)</sup> |      | 54.6 <sup>8)</sup> |      | 49.1 <sup>9)</sup> |                    | 43.5 <sup>10)</sup> | 25.4                | 38.1 <sup>11)</sup> | 7.9 <sup>12)</sup>  |
| 300 | B |       |      |                    |      | 77.5 <sup>2)</sup> |      | 75.1 <sup>3)</sup> |      | 71.7 <sup>4)</sup> |      | 69.4 <sup>5)</sup> |      | 65.9 <sup>6)</sup> |      | 59.3 <sup>7)</sup> |      | 53.8 <sup>8)</sup> |      | 48.6 <sup>9)</sup> |                    | 43.1 <sup>10)</sup> | 24.3                | 37.4 <sup>11)</sup> |                     |
| 305 | B |       |      |                    |      |                    |      | 73.0 <sup>3)</sup> |      | 69.1 <sup>4)</sup> |      | 67.5 <sup>5)</sup> |      | 63.8 <sup>6)</sup> |      | 58.1 <sup>7)</sup> |      | 52.7 <sup>8)</sup> |      | 47.5 <sup>9)</sup> |                    | 42.7 <sup>10)</sup> | 23.9                | 37.0 <sup>11)</sup> |                     |
| 310 | B |       |      |                    |      |                    |      | 70.9 <sup>3)</sup> |      | 67.2 <sup>4)</sup> |      | 65.5 <sup>5)</sup> |      | 62.2 <sup>6)</sup> |      | 57.6 <sup>7)</sup> |      | 52.0 <sup>8)</sup> |      | 47.0 <sup>9)</sup> |                    | 42.2 <sup>10)</sup> |                     | 36.7 <sup>11)</sup> |                     |
| 315 | B |       |      |                    |      |                    |      | 68.8 <sup>3)</sup> |      | 65.3 <sup>4)</sup> |      | 63.5 <sup>5)</sup> |      | 60.7 <sup>6)</sup> |      | 57.3 <sup>7)</sup> |      | 50.8 <sup>8)</sup> |      | 46.3 <sup>9)</sup> |                    | 41.8 <sup>10)</sup> |                     | 36.3 <sup>11)</sup> |                     |
| 320 | B |       |      |                    |      |                    |      | 66.6 <sup>3)</sup> |      | 63.5 <sup>4)</sup> |      | 61.6 <sup>5)</sup> |      | 59.1 <sup>6)</sup> |      | 57.1 <sup>7)</sup> |      | 50.1 <sup>8)</sup> |      | 45.4 <sup>9)</sup> |                    | 40.8 <sup>10)</sup> |                     | 36.0 <sup>11)</sup> |                     |
| 325 | B |       |      |                    |      |                    |      |                    |      | 61.6 <sup>4)</sup> |      | 58.7 <sup>5)</sup> |      | 57.6 <sup>6)</sup> |      | 55.1 <sup>7)</sup> |      | 49.4 <sup>8)</sup> |      | 45.0 <sup>9)</sup> |                    | 40.4 <sup>10)</sup> |                     | 35.6 <sup>11)</sup> |                     |
| 330 | B |       |      |                    |      |                    |      |                    |      | 59.7 <sup>4)</sup> |      | 57.0 <sup>5)</sup> |      | 56.0 <sup>6)</sup> |      | 53.7 <sup>7)</sup> |      | 49.1 <sup>8)</sup> |      | 44.0 <sup>9)</sup> |                    | 39.9 <sup>10)</sup> |                     | 35.2 <sup>11)</sup> |                     |
| 335 | B |       |      |                    |      |                    |      |                    |      | 57.8 <sup>4)</sup> |      | 55.4 <sup>5)</sup> |      | 54.4 <sup>6)</sup> |      | 52.3 <sup>7)</sup> |      | 48.9 <sup>8)</sup> |      | 43.5 <sup>9)</sup> |                    | 39.0 <sup>10)</sup> |                     | 34.6 <sup>11)</sup> |                     |
| 340 | B |       |      |                    |      |                    |      |                    |      | 56.0 <sup>4)</sup> |      | 53.8 <sup>5)</sup> |      | 52.9 <sup>6)</sup> |      | 50.9 <sup>7)</sup> |      | 48.7 <sup>8)</sup> |      | 42.5 <sup>9)</sup> |                    | 38.7 <sup>10)</sup> |                     | 34.3 <sup>11)</sup> |                     |
| 345 | B |       |      |                    |      |                    |      |                    |      |                    |      | 52.2 <sup>5)</sup> |      | 50.2 <sup>6)</sup> |      | 49.5 <sup>7)</sup> |      | 46.7 <sup>8)</sup> |      | 42.2 <sup>9)</sup> |                    | 38.0 <sup>10)</sup> |                     | 33.9 <sup>11)</sup> |                     |
| 350 | B |       |      |                    |      |                    |      |                    |      |                    |      | 50.5 <sup>5)</sup> |      | 48.7 <sup>6)</sup> |      | 48.2 <sup>7)</sup> |      | 45.4 <sup>8)</sup> |      | 42.0 <sup>9)</sup> |                    | 37.3 <sup>10)</sup> |                     | 33.1 <sup>11)</sup> |                     |
| 355 | B |       |      |                    |      |                    |      |                    |      |                    |      | 48.9 <sup>5)</sup> |      | 47.2 <sup>6)</sup> |      | 46.8 <sup>7)</sup> |      | 44.2 <sup>8)</sup> |      | 41.9 <sup>9)</sup> |                    | 36.7 <sup>10)</sup> |                     | 32.8 <sup>11)</sup> |                     |
| 360 | B |       |      |                    |      |                    |      |                    |      |                    |      | 47.3 <sup>5)</sup> |      | 45.7 <sup>6)</sup> |      | 45.4 <sup>7)</sup> |      | 42.9 <sup>8)</sup> |      | 41.7 <sup>9)</sup> |                    | 36.2 <sup>10)</sup> |                     | 32.3 <sup>11)</sup> |                     |
| 365 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      | 44.2 <sup>6)</sup> |      | 42.9 <sup>7)</sup> |      | 41.7 <sup>8)</sup> |      | 39.7 <sup>9)</sup> |                    | 36.0 <sup>10)</sup> |                     | 31.7 <sup>11)</sup> |                     |
| 370 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      | 42.7 <sup>6)</sup> |      | 41.5 <sup>7)</sup> |      | 40.4 <sup>8)</sup> |      | 38.6 <sup>9)</sup> |                    | 35.8 <sup>10)</sup> |                     | 31.5 <sup>11)</sup> |                     |
| 375 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      | 41.2 <sup>6)</sup> |      | 40.2 <sup>7)</sup> |      | 39.2 <sup>8)</sup> |      | 37.5 <sup>9)</sup> |                    | 35.7 <sup>10)</sup> |                     | 30.6 <sup>11)</sup> |                     |
| 380 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      | 39.7 <sup>6)</sup> |      | 38.8 <sup>7)</sup> |      | 37.9 <sup>8)</sup> |      | 36.3 <sup>9)</sup> |                    | 35.7 <sup>10)</sup> |                     | 30.2 <sup>11)</sup> |                     |
| 385 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 37.4 <sup>7)</sup> |      | 35.6 <sup>8)</sup> |      | 35.2 <sup>9)</sup> |                    | 33.6 <sup>10)</sup> |                     | 30.1 <sup>11)</sup> |                     |
| 390 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 36.0 <sup>7)</sup> |      | 34.3 <sup>8)</sup> |      | 34.1 <sup>9)</sup> |                    | 32.5 <sup>10)</sup> |                     | 30.0 <sup>11)</sup> |                     |
| 395 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 34.7 <sup>7)</sup> |      | 33.1 <sup>8)</sup> |      | 33.0 <sup>9)</sup> |                    | 31.5 <sup>10)</sup> |                     | 29.9 <sup>11)</sup> |                     |
| 400 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 33.3 <sup>7)</sup> |      | 31.9 <sup>8)</sup> |      | 31.9 <sup>9)</sup> |                    | 30.5 <sup>10)</sup> |                     | 29.9 <sup>11)</sup> |                     |
| 405 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 30.7 <sup>8)</sup> |      | 29.6 <sup>9)</sup> |                    | 29.4 <sup>10)</sup> |                     | 27.9 <sup>11)</sup> |                     |
| 410 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 29.5 <sup>8)</sup> |      | 28.5 <sup>9)</sup> |                    | 28.4 <sup>10)</sup> |                     | 27.0 <sup>11)</sup> |                     |
| 415 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 28.3 <sup>8)</sup> |      | 27.4 <sup>9)</sup> |                    | 27.3 <sup>10)</sup> |                     | 26.0 <sup>11)</sup> |                     |
| 420 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 27.1 <sup>8)</sup> |      | 26.3 <sup>9)</sup> |                    | 26.3 <sup>10)</sup> |                     | 25.1 <sup>11)</sup> |                     |
| 425 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 25.2 <sup>9)</sup> |                    | 23.8 <sup>10)</sup> |                     | 24.2 <sup>11)</sup> |                     |
| 430 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 24.1 <sup>9)</sup> |                    | 22.5 <sup>10)</sup> |                     | 23.2 <sup>11)</sup> |                     |
| 435 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      | 23.0 <sup>9)</sup> |                    | 21.3 <sup>10)</sup> |                     | 22.3 <sup>11)</sup> |                     |
| 440 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |                    | 20.1 <sup>10)</sup> |                     | 21.4 <sup>11)</sup> |                     |
| 445 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |                    | 18.9 <sup>10)</sup> |                     | 17.8 <sup>11)</sup> |                     |
| 450 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |                    | 17.9 <sup>10)</sup> |                     | 15.9 <sup>11)</sup> |                     |
| 455 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |                    | 16.6 <sup>10)</sup> |                     | 13.9 <sup>11)</sup> |                     |
| 460 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |                    |                     |                     | 12.0 <sup>11)</sup> |                     |
| 465 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |                    |                     |                     | 10.1 <sup>11)</sup> |                     |
| 470 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |                    |                     |                     | 8.2 <sup>11)</sup>  |                     |
| 475 | B |       |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |      |                    |                    |                     |                     | 6.3 <sup>11)</sup>  |                     |

1) 12°; 2) 17°; 3) 22°; 4) 27°; 5) 32°; 6) 37°; 7) 42°; 8) 47°; 9) 52°; 10) 57°; 11) 62°



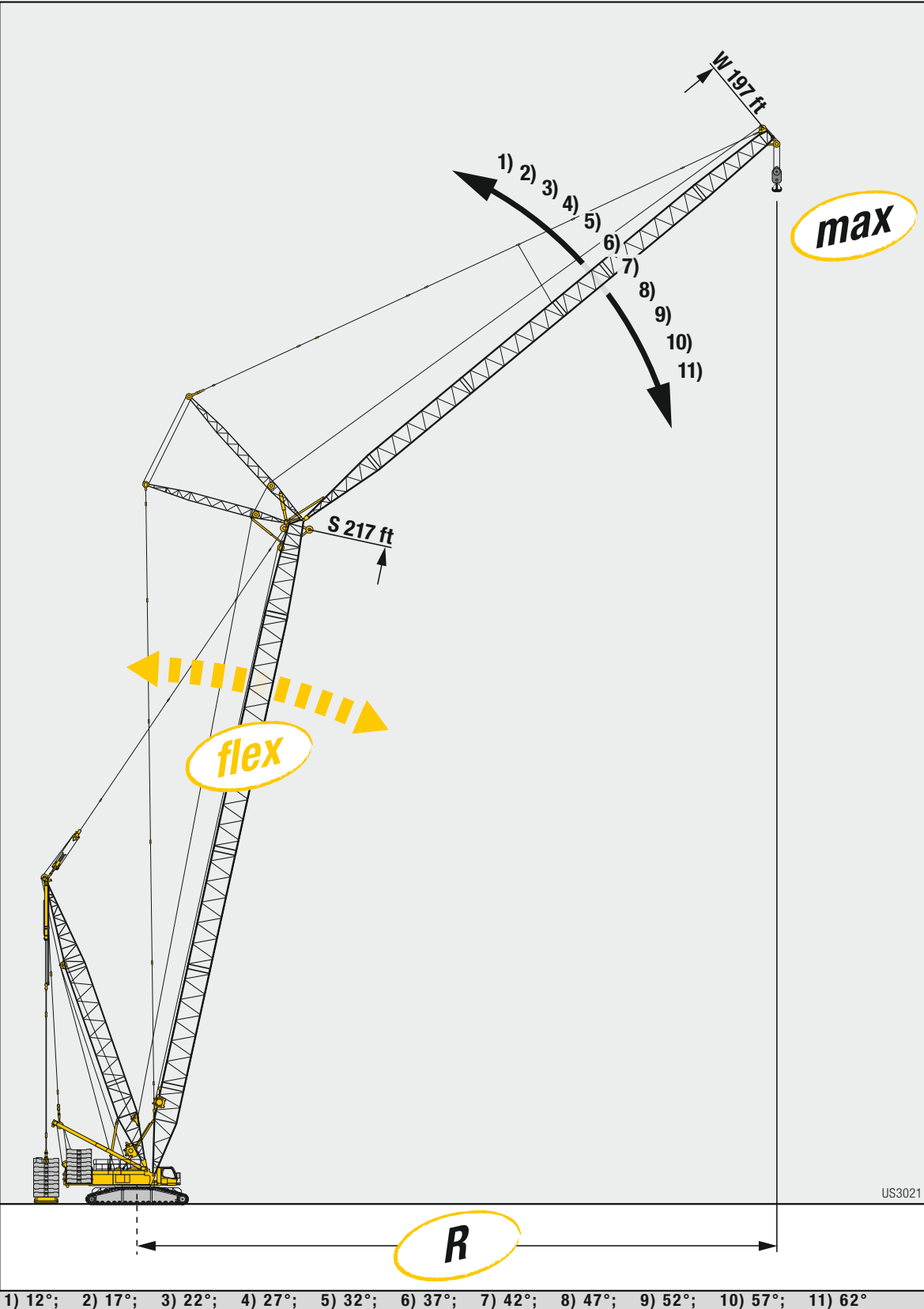
# Lifting heights Hauteurs de levage

**SDWB**



Example  
Exemple

Wmax



|     | ft | S 217  |        |
|-----|----|--------|--------|
|     |    | W 197  | Wmax   |
| 70  | -  | 145.0° | 145.0° |
| 75  | -  | 154.0° | 154.0° |
| 80  | -  | 136.0° | 136.0° |
| 85  | -  | 127.0° | 127.0° |
| 90  | -  | 150.0° | 150.0° |
| 95  | -  | 119.0° | 119.0° |
| 100 | -  | 152.0° | 152.0° |
| 105 | -  | 106.0° | 106.0° |
| 110 | -  | 150.0° | 150.0° |
| 115 | -  | 148.0° | 149.0° |
| 120 | -  | 100.0° | 100.0° |
| 125 | -  | 146.0° | 149.0° |
| 130 | -  | 94.7°  | 94.7°  |
| 135 | -  | 144.0° | 148.0° |
| 140 | -  | 89.7°  | 89.7°  |
| 145 | -  | 142.0° | 147.0° |
| 150 | -  | 85.1°  | 85.1°  |
| 155 | -  | 139.0° | 146.0° |
| 160 | -  | 80.9°  | 80.9°  |
| 165 | -  | 137.0° | 145.0° |
| 170 | -  | 77.0°  | 77.0°  |
| 175 | -  | 135.0° | 144.0° |
| 180 | -  | 73.4°  | 73.4°  |
| 185 | -  | 132.0° | 143.0° |
| 190 | -  | 70.0°  | 70.0°  |
| 195 | -  | 130.0° | 142.0° |
| 200 | -  | 66.8°  | 66.8°  |
| 205 | -  | 128.0° | 141.0° |
| 210 | -  | 63.8°  | 63.8°  |
| 215 | -  | 125.0° | 140.0° |
| 220 | -  | 61.0°  | 61.0°  |
| 225 | -  | 123.0° | 139.0° |
| 230 | -  | 58.4°  | 58.4°  |
| 235 | -  | 120.0° | 139.0° |
| 240 | -  | 55.9°  | 55.9°  |
| 245 | -  | 118.0° | 138.0° |
| 250 | -  | 53.4°  | 53.4°  |
| 255 | -  | 115.0° | 137.0° |
| 260 | -  | 50.8°  | 50.8°  |
| 265 | -  | 113.0° | 136.0° |
| 270 | -  | 48.4°  | 48.4°  |
| 275 | -  | 110.0° | 135.0° |
| 280 | -  | 46.1°  | 46.1°  |
| 285 | -  | 108.0° | 134.0° |
| 290 | -  | 44.0°  | 44.0°  |
| 295 | -  | 107.0° | 133.0° |
| 300 | -  | 42.0°  | 42.0°  |
| 305 | -  | 105.0° | 132.0° |
| 310 | -  | 40.0°  | 40.0°  |
| 315 | -  | 102.0° | 131.0° |
| 320 | -  | 38.3°  | 38.3°  |
| 325 | -  | 99.7°  | 130.0° |
| 330 | -  | 36.6°  | 36.6°  |
| 335 | -  | 97.2°  | 130.0° |
| 340 | -  | 35.0°  | 35.0°  |
| 345 | -  | 94.8°  | 129.0° |
| 350 | -  | 33.5°  | 33.5°  |
| 355 | -  | 92.0°  | 128.0° |
| 360 | -  | 29.1°  | 29.1°  |
| 365 | -  | 87.2°  | 127.0° |
| 370 | -  | 24.0°  | 24.0°  |
| 375 | -  | 126.0° | 126.0° |
| 380 | -  | 21.4°  | 21.4°  |
| 385 | -  | 18.9°  | 18.9°  |
| 390 | -  | 124.0° | 124.0° |
| 395 | -  | 16.8°  | 16.8°  |
| 400 | -  | 123.0° | 123.0° |
| 405 | -  | 14.7°  | 14.7°  |
| 410 | -  | 122.0° | 122.0° |
| 415 | -  | 12.6°  | 12.6°  |
| 420 | -  | 120.0° | 120.0° |
| 425 | -  | 10.5°  | 10.5°  |
| 430 | -  | 116.0° | 116.0° |
| 435 | -  | 114.0° | 114.0° |
| 440 | -  | 111.0° | 111.0° |
| 445 | -  | 109.0° | 109.0° |
| 450 | -  | 106.0° | 106.0° |
| 455 | -  | 104.0° | 104.0° |
| 460 | -  | 101.0° | 101.0° |
| 465 | -  | 99.5°  | 99.5°  |
| 470 | -  | 97.5°  | 97.5°  |
| 475 | -  | 94.4°  | 94.4°  |
| 480 | -  | 91.4°  | 91.4°  |
| 485 | -  | 88.4°  | 88.4°  |
| 490 | -  | 88.4°  | 88.4°  |



22,050 lb/88,200 lb



110,250 lb – 374,800 lb

|  ft | SL 79 |     |       |       |       |       |       |       |      |       |       |      |       |      |      | SL 98 |       |       |       |       |       |       |      |       |       |      |       |      |      |      |
|-------------------------------------------------------------------------------------|-------|-----|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|------|------|
|                                                                                     | F 39  |     |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 39 |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      |      |      |
|                                                                                     | 10°   | 15° | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 10°  | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  |      |      |
| 28                                                                                  | 271   |     |       |       |       |       |       |       |      |       |       |      |       |      | 271  |       |       |       |       |       |       |       |      |       |       |      |       |      |      |      |
| 30                                                                                  | 271   |     |       |       |       |       |       |       |      |       |       |      |       |      | 271  |       |       |       |       |       |       |       |      |       |       |      |       |      |      |      |
| 32                                                                                  | 271   | 267 |       |       |       |       |       |       |      |       |       |      |       |      | 271  |       |       |       |       |       |       |       |      |       |       |      |       |      |      |      |
| 34                                                                                  | 271   | 262 |       | 234.0 |       |       |       |       |      |       |       |      |       |      | 271  | 266   |       |       |       |       |       |       |      |       |       |      |       |      |      |      |
| 36                                                                                  | 271   | 253 |       | 229.0 |       |       |       |       |      |       |       |      |       |      | 271  | 260   |       | 233.0 |       |       |       |       |      |       |       |      |       |      |      |      |
| 38                                                                                  | 271   | 244 |       | 223.0 |       |       |       |       |      |       |       |      |       |      | 271  | 253   |       | 228.0 |       |       |       |       |      |       |       |      |       |      |      |      |
| 40                                                                                  | 270   | 236 | 155.0 | 215.0 | 190.0 |       | 184.0 |       |      |       |       |      |       |      | 271  | 246   |       | 222.0 |       |       |       |       |      |       |       |      |       |      |      |      |
| 45                                                                                  | 260   | 218 | 146.0 | 197.0 | 175.0 |       | 169.0 |       |      | 153.0 |       |      |       |      | 268  | 229   | 150.0 | 205.0 | 180.0 |       | 172.0 |       |      |       |       |      |       |      |      |      |
| 50                                                                                  | 239   | 204 | 139.0 | 182.0 | 163.0 |       | 155.0 | 140.0 |      | 142.0 |       |      |       |      | 256  | 215   | 143.0 | 190.0 | 169.0 |       | 160.0 | 142.0 |      | 144.0 |       |      |       |      |      |      |
| 55                                                                                  | 221   | 190 | 133.0 | 168.0 | 153.0 | 110.0 | 144.0 | 130.0 |      | 131.0 | 118.0 |      | 110.0 |      | 239  | 202   | 137.0 | 178.0 | 159.0 | 112.0 | 149.0 | 134.0 |      | 134.0 | 117.0 |      |       |      |      |      |
| 60                                                                                  | 206   | 179 | 127.0 | 157.0 | 143.0 | 105.0 | 134.0 | 122.0 |      | 121.0 | 111.0 |      | 103.0 |      | 224  | 191   | 131.0 | 166.0 | 150.0 | 107.0 | 140.0 | 126.0 |      | 125.0 | 113.0 |      | 105.0 |      |      |      |
| 65                                                                                  | 193   | 169 | 122.0 | 147.0 | 135.0 | 100.0 | 125.0 | 115.0 | 89.6 | 113.0 | 105.0 |      | 96.6  |      | 210  | 181   | 127.0 | 157.0 | 142.0 | 103.0 | 132.0 | 119.0 | 90.8 | 118.0 | 107.0 |      | 98.3  |      |      |      |
| 70                                                                                  | 182   | 160 | 117.0 | 138.0 | 128.0 | 96.0  | 117.0 | 108.0 | 85.6 | 106.0 | 98.2  |      | 90.8  |      | 199  | 172   | 122.0 | 148.0 | 135.0 | 99.0  | 124.0 | 113.0 | 87.1 | 111.0 | 101.0 |      | 92.8  |      |      |      |
| 75                                                                                  | 171   | 152 | 113.0 | 130.0 | 121.0 | 92.3  | 110.0 | 102.0 | 81.8 | 99.5  | 92.5  | 77.0 | 85.4  |      | 188  | 164   | 118.0 | 140.0 | 128.0 | 95.3  | 117.0 | 107.0 | 83.7 | 105.0 | 95.9  | 77.8 | 87.8  |      |      |      |
| 80                                                                                  | 163   | 145 | 109.0 | 123.0 | 115.0 | 88.7  | 104.0 | 97.1  | 78.3 | 93.8  | 87.6  | 73.7 | 80.4  | 67.3 | 179  | 157   | 115.0 | 133.0 | 123.0 | 92.1  | 111.0 | 102.0 | 80.5 | 98.9  | 91.2  | 74.9 | 83.2  | 68.1 |      |      |
| 85                                                                                  | 155   | 139 | 106.0 | 117.0 | 110.0 | 85.5  | 98.4  | 92.3  | 75.3 | 88.6  | 83.0  | 70.5 | 76.1  | 64.2 | 167  | 151   | 112.0 | 127.0 | 117.0 | 89.2  | 105.0 | 97.5  | 77.6 | 93.7  | 87.0  | 72.1 | 79.0  | 65.3 |      |      |
| 90                                                                                  | 148   | 133 | 103.0 | 112.0 | 105.0 | 82.8  | 93.4  | 88.0  | 72.5 | 83.9  | 79.0  | 67.6 | 72.1  | 61.4 | 155  | 145   | 109.0 | 121.0 | 113.0 | 86.3  | 100.0 | 93.3  | 75.0 | 88.9  | 82.9  | 69.3 | 75.3  | 62.5 |      |      |
| 95                                                                                  | 141   | 128 | 101.0 | 107.0 | 101.0 | 80.3  | 89.0  | 84.1  | 69.7 | 79.7  | 75.4  | 64.9 | 68.7  | 58.7 | 144  | 140   | 106.0 | 116.0 | 108.0 | 83.7  | 95.6  | 89.3  | 72.4 | 84.7  | 79.3  | 66.8 | 71.8  | 60.1 |      |      |
| 100                                                                                 | 136   | 124 | 99.0  | 102.0 | 97.3  | 77.9  | 84.8  | 80.4  | 67.4 | 75.8  | 72.0  | 62.4 | 65.3  | 56.3 | 134  | 134   | 104.0 | 111.0 | 104.0 | 81.5  | 91.4  | 85.7  | 70.0 | 81.0  | 75.9  | 64.5 | 68.7  | 57.8 |      |      |
| 105                                                                                 | 128   | 120 | 97.8  | 97.9  | 93.6  | 75.9  | 81.1  | 77.2  | 65.1 | 72.2  | 68.8  | 60.0 | 62.3  | 54.1 | 126  | 126   | 102.0 | 107.0 | 101.0 | 79.4  | 87.5  | 82.4  | 68.0 | 77.4  | 72.9  | 62.2 | 65.6  | 55.6 |      |      |
| 110                                                                                 |       |     |       | 94.2  | 90.3  | 74.0  | 77.8  | 74.3  | 63.1 | 69.0  | 65.9  | 57.9 | 59.5  | 52.0 | 118  | 118   | 100.0 | 103.0 | 97.5  | 77.5  | 84.1  | 79.2  | 66.0 | 74.2  | 70.0  | 60.2 | 62.9  | 53.7 |      |      |
| 115                                                                                 |       |     |       | 90.8  | 87.3  | 72.4  | 74.6  | 71.5  | 61.4 | 66.2  | 63.2  | 56.0 | 57.0  | 50.1 | 111  | 111   | 98.6  | 99.2  | 94.3  | 75.8  | 81.0  | 76.5  | 64.2 | 71.1  | 67.3  | 58.3 | 60.4  | 51.8 |      |      |
| 120                                                                                 |       |     |       | 87.7  | 84.8  | 71.1  | 71.9  | 69.0  | 59.7 | 63.4  | 60.8  | 54.1 | 54.6  | 48.4 | 104  | 105   | 97.6  | 95.8  | 91.4  | 74.2  | 77.9  | 73.9  | 62.5 | 68.3  | 64.9  | 56.6 | 58.0  | 50.1 |      |      |
| 125                                                                                 |       |     |       | 82.6  | 70.2  |       | 69.2  | 66.7  | 58.2 | 60.8  | 58.6  | 52.4 | 52.4  | 46.6 |      |       |       | 92.7  | 88.7  | 72.9  | 75.0  | 71.6  | 61.0 | 65.8  | 62.6  | 55.0 | 55.7  | 48.5 |      |      |
| 130                                                                                 |       |     |       |       |       |       | 66.7  | 64.7  | 56.8 | 58.6  | 56.5  | 51.0 | 50.4  | 45.1 |      |       |       | 89.8  | 86.3  | 71.7  | 72.5  | 69.3  | 59.6 | 63.4  | 60.5  | 53.4 | 53.6  | 46.9 |      |      |
| 135                                                                                 |       |     |       |       |       |       | 64.5  | 62.6  | 55.6 | 56.4  | 54.5  | 49.7 | 48.5  | 43.6 |      |       |       | 87.1  | 84.2  | 70.8  | 70.2  | 67.3  | 58.2 | 61.1  | 58.5  | 52.0 | 51.7  | 45.5 |      |      |
| 140                                                                                 |       |     |       |       |       |       | 62.5  | 61.0  | 54.6 | 54.4  | 52.7  | 48.2 | 46.8  | 42.3 |      |       |       |       |       | 82.4  | 70.0  | 68.0  | 65.4 | 57.0  | 59.0  | 56.7 | 50.7  | 49.9 | 44.2 |      |
| 145                                                                                 |       |     |       |       |       |       |       |       | 53.7 | 52.4  | 51.0  | 47.0 | 45.1  | 41.0 |      |       |       |       |       |       |       | 65.8  | 63.7 | 55.9  | 57.0  | 54.9 | 49.5  | 48.2 | 42.9 |      |
| 150                                                                                 |       |     |       |       |       |       |       |       |      | 50.8  | 49.4  | 45.9 | 43.6  | 39.8 |      |       |       |       |       |       |       | 64.0  | 62.1 | 55.1  | 55.2  | 53.3 | 48.3  | 46.7 | 41.7 |      |
| 155                                                                                 |       |     |       |       |       |       |       |       |      | 49.2  | 48.0  | 44.8 | 42.2  | 38.7 |      |       |       |       |       |       |       | 62.3  | 60.7 | 54.3  | 53.5  | 51.7 | 47.1  | 45.1 | 40.6 |      |
| 160                                                                                 |       |     |       |       |       |       |       |       |      | 47.8  | 46.6  | 43.9 | 40.8  | 37.7 |      |       |       |       |       |       |       |       |      |       | 53.5  | 51.9 | 50.3  | 46.3 | 43.8 | 39.6 |
| 165                                                                                 |       |     |       |       |       |       |       |       |      |       |       | 43.0 | 39.5  | 36.7 |      |       |       |       |       |       |       |       |      |       |       | 50.4 | 49.0  | 45.4 | 42.5 | 38.7 |
| 170                                                                                 |       |     |       |       |       |       |       |       |      |       |       |      | 38.3  | 35.8 |      |       |       |       |       |       |       |       |      |       |       | 48.9 | 47.8  | 44.6 | 41.2 | 37.8 |
| 175                                                                                 |       |     |       |       |       |       |       |       |      |       |       |      | 37.2  | 35.0 |      |       |       |       |       |       |       |       |      |       |       | 47.6 | 46.6  | 43.7 | 40.1 | 36.9 |
| 180                                                                                 |       |     |       |       |       |       |       |       |      |       |       |      | 36.2  | 34.3 |      |       |       |       |       |       |       |       |      |       |       |      |       | 43.0 | 39.0 | 36.1 |
| 185                                                                                 |       |     |       |       |       |       |       |       |      |       |       |      |       |      |      |       |       |       |       |       |       |       |      |       |       |      |       |      | 38.1 | 35.4 |
| 190                                                                                 |       |     |       |       |       |       |       |       |      |       |       |      |       |      |      |       |       |       |       |       |       |       |      |       |       |      |       |      | 37.1 | 34.7 |
| 195                                                                                 |       |     |       |       |       |       |       |       |      |       |       |      |       |      |      |       |       |       |       |       |       |       |      |       |       |      |       |      | 36.1 | 34.1 |
| 200                                                                                 |       |     |       |       |       |       |       |       |      |       |       |      |       |      |      |       |       |       |       |       |       |       |      |       |       |      |       |      |      | 33.6 |



22,050 lb/88,200 lb



110,250 lb - 374,800 lb

|  ft | SL 118 |       |       |       |       |       |       |       |      |       |       |      |       |      |       | SL 138 |       |       |       |       |       |       |      |       |       |      |       |       |      |      |
|--------------------------------------------------------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|--------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|-------|------|------|
|                                                                                      | F 39   |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      |       | F 39   |       |       | F 59  |       |       | F 79  |      |       | F 98  |      |       | F 118 |      |      |
|                                                                                      | 10°    | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 10°   | 15°    | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°   |      |      |
| 32                                                                                   | 271.0  |       |       |       |       |       |       |       |      |       |       |      |       |      | 217.0 |        |       |       |       |       |       |       |      |       |       |      |       |       |      |      |
| 34                                                                                   | 271.0  | 270.0 |       |       |       |       |       |       |      |       |       |      |       |      | 271.0 |        |       |       |       |       |       |       |      |       |       |      |       |       |      |      |
| 36                                                                                   | 271.0  | 265.0 |       |       |       |       |       |       |      |       |       |      |       |      | 271.0 | 270.0  |       |       |       |       |       |       |      |       |       |      |       |       |      |      |
| 38                                                                                   | 271.0  | 260.0 |       | 233.0 |       |       |       |       |      |       |       |      |       |      | 271.0 | 264.0  |       |       |       |       |       |       |      |       |       |      |       |       |      |      |
| 40                                                                                   | 271.0  | 253.0 |       | 227.0 |       |       |       |       |      |       |       |      |       |      | 271.0 | 258.0  |       | 229.0 |       |       |       |       |      |       |       |      |       |       |      |      |
| 45                                                                                   | 271.0  | 238.0 | 152.0 | 211.0 | 183.0 |       | 175.0 |       |      |       |       |      |       |      | 271.0 | 244.0  | 153.0 | 214.0 | 186.0 |       |       |       |      |       |       |      |       |       |      |      |
| 50                                                                                   | 266.0  | 224.0 | 146.0 | 198.0 | 173.0 |       | 163.0 | 144.0 |      | 147.0 |       |      |       |      | 271.0 | 231.0  | 148.0 | 202.0 | 176.0 |       | 158.0 |       |      |       |       |      |       |       |      |      |
| 55                                                                                   | 254.0  | 212.0 | 140.0 | 185.0 | 164.0 | 113.0 | 153.0 | 136.0 |      | 137.0 |       |      |       |      | 263.0 | 220.0  | 143.0 | 191.0 | 167.0 |       | 155.0 | 138.0 |      | 139.0 |       |      |       |       |      |      |
| 60                                                                                   | 239.0  | 201.0 | 135.0 | 174.0 | 155.0 | 109.0 | 145.0 | 129.0 |      | 128.0 | 114.0 |      | 106.0 |      | 250.0 | 209.0  | 138.0 | 181.0 | 159.0 | 110.0 | 149.0 | 131.0 |      | 131.0 | 115.0 |      |       |       |      |      |
| 65                                                                                   | 226.0  | 191.0 | 131.0 | 165.0 | 148.0 | 105.0 | 136.0 | 123.0 | 91.8 | 121.0 | 109.0 |      | 100.0 |      | 230.0 | 200.0  | 134.0 | 172.0 | 152.0 | 106.0 | 141.0 | 125.0 |      | 124.0 | 111.0 |      | 101.0 |       |      |      |
| 70                                                                                   | 213.0  | 183.0 | 127.0 | 156.0 | 141.0 | 101.0 | 129.0 | 117.0 | 88.4 | 115.0 | 104.0 |      | 94.5  |      | 211.0 | 191.0  | 130.0 | 163.0 | 146.0 | 103.0 | 134.0 | 119.0 | 89.3 | 117.0 | 105.0 |      | 95.7  |       |      |      |
| 75                                                                                   | 195.0  | 175.0 | 123.0 | 149.0 | 135.0 | 97.9  | 123.0 | 112.0 | 85.3 | 109.0 | 98.8  | 78.6 | 89.8  |      | 192.0 | 183.0  | 126.0 | 156.0 | 140.0 | 100.0 | 128.0 | 114.0 | 86.3 | 112.0 | 101.0 |      | 91.2  |       |      |      |
| 80                                                                                   | 179.0  | 167.0 | 119.0 | 141.0 | 129.0 | 94.8  | 117.0 | 107.0 | 82.3 | 103.0 | 94.2  | 76.0 | 85.4  |      | 176.0 | 175.0  | 123.0 | 149.0 | 134.0 | 97.1  | 122.0 | 110.0 | 83.6 | 106.0 | 96.3  | 76.2 | 87.2  |       |      |      |
| 85                                                                                   | 165.0  | 161.0 | 116.0 | 135.0 | 124.0 | 92.1  | 111.0 | 102.0 | 79.5 | 98.1  | 89.8  | 73.1 | 81.4  | 65.7 | 162.0 | 163.0  | 120.0 | 142.0 | 129.0 | 94.3  | 117.0 | 105.0 | 80.9 | 101.0 | 92.4  | 73.8 | 83.3  | 66.2  |      |      |
| 90                                                                                   | 152.0  | 152.0 | 113.0 | 129.0 | 119.0 | 89.5  | 106.0 | 97.7  | 76.9 | 93.4  | 86.0  | 70.6 | 77.8  | 63.3 | 150.0 | 150.0  | 117.0 | 136.0 | 125.0 | 91.8  | 112.0 | 101.0 | 78.5 | 97.0  | 88.5  | 71.4 | 79.8  | 63.9  |      |      |
| 95                                                                                   | 142.0  | 142.0 | 110.0 | 124.0 | 115.0 | 87.1  | 102.0 | 93.7  | 74.6 | 89.2  | 82.4  | 68.2 | 74.5  | 61.1 | 139.0 | 140.0  | 114.0 | 131.0 | 120.0 | 89.4  | 107.0 | 97.6  | 76.3 | 92.8  | 85.2  | 69.2 | 76.5  | 61.7  |      |      |
| 100                                                                                  | 132.0  | 132.0 | 108.0 | 119.0 | 111.0 | 84.7  | 97.3  | 90.3  | 72.5 | 85.3  | 79.1  | 66.1 | 71.3  | 58.9 | 129.0 | 130.0  | 112.0 | 126.0 | 116.0 | 87.3  | 103.0 | 94.1  | 74.3 | 88.9  | 81.9  | 67.2 | 73.5  | 59.7  |      |      |
| 105                                                                                  | 123.0  | 124.0 | 106.0 | 114.0 | 107.0 | 82.6  | 93.3  | 87.1  | 70.4 | 81.7  | 76.0  | 64.0 | 68.3  | 56.9 | 121.0 | 121.0  | 110.0 | 121.0 | 112.0 | 85.3  | 99.1  | 90.8  | 72.4 | 85.2  | 78.9  | 65.4 | 70.5  | 57.8  |      |      |
| 110                                                                                  | 115.0  | 116.0 | 104.0 | 110.0 | 104.0 | 80.6  | 89.8  | 84.0  | 68.4 | 78.4  | 73.2  | 62.0 | 65.5  | 55.0 | 113.0 | 113.0  | 108.0 | 114.0 | 109.0 | 83.5  | 95.5  | 87.8  | 70.5 | 82.0  | 76.1  | 63.6 | 67.8  | 56.0  |      |      |
| 115                                                                                  | 108.0  | 109.0 | 102.0 | 107.0 | 101.0 | 78.9  | 86.5  | 81.1  | 66.5 | 75.3  | 70.7  | 60.3 | 63.0  | 53.3 | 106.0 | 106.0  | 105.0 | 107.0 | 106.0 | 81.8  | 92.2  | 85.1  | 68.7 | 79.0  | 73.5  | 61.8 | 65.4  | 54.3  |      |      |
| 120                                                                                  | 102.0  | 103.0 | 100.0 | 103.0 | 97.5  | 77.3  | 83.4  | 78.4  | 64.9 | 72.4  | 68.3  | 58.6 | 60.6  | 51.7 | 99.5  | 100.0  | 102.0 | 101.0 | 102.0 | 80.1  | 89.0  | 82.5  | 67.2 | 76.1  | 71.2  | 60.1 | 63.1  | 52.8  |      |      |
| 125                                                                                  | 96.4   | 96.7  | 98.2  | 97.8  | 94.6  | 75.8  | 80.6  | 76.0  | 63.4 | 69.8  | 66.0  | 57.0 | 58.4  | 50.1 | 93.8  | 94.2   | 96.2  | 95.3  | 96.3  | 78.6  | 86.0  | 80.0  | 65.7 | 73.4  | 68.9  | 58.7 | 61.0  | 51.3  |      |      |
| 130                                                                                  | 91.0   | 91.4  | 92.8  | 92.4  | 92.3  | 74.3  | 78.0  | 73.7  | 61.9 | 67.4  | 63.8  | 55.5 | 56.4  | 48.5 | 88.5  | 88.8   | 90.7  | 90.0  | 90.9  | 77.1  | 83.3  | 77.6  | 64.2 | 71.0  | 66.7  | 57.2 | 59.0  | 49.8  |      |      |
| 135                                                                                  | 86.2   | 86.4  | 87.7  | 87.5  | 88.3  | 73.2  | 75.4  | 71.7  | 60.7 | 65.1  | 61.8  | 54.1 | 54.4  | 47.2 | 83.6  | 84.0   | 85.7  | 85.1  | 86.0  | 75.8  | 80.8  | 75.6  | 62.8 | 68.6  | 64.6  | 55.7 | 57.1  | 48.5  |      |      |
| 140                                                                                  |        |       | 83.0  | 83.0  | 83.7  | 72.1  | 73.1  | 69.6  | 59.5 | 63.0  | 59.9  | 52.8 | 52.6  | 45.9 | 79.1  | 79.5   | 81.1  | 80.6  | 81.4  | 74.5  | 78.5  | 73.6  | 61.5 | 66.5  | 62.7  | 54.4 | 55.2  | 47.2  |      |      |
| 145                                                                                  |        |       |       | 78.8  | 79.5  | 71.3  | 71.0  | 67.9  | 58.4 | 60.9  | 58.2  | 51.5 | 51.0  | 44.6 | 75.0  | 75.3   | 76.8  | 76.4  | 77.2  | 73.4  | 76.2  | 71.7  | 60.3 | 64.5  | 61.0  | 53.1 | 53.5  | 46.0  |      |      |
| 150                                                                                  |        |       |       | 75.0  | 75.5  | 70.6  | 68.9  | 66.1  | 57.3 | 59.0  | 56.5  | 50.4 | 49.5  | 43.5 | 71.2  | 71.4   | 72.8  | 72.5  | 73.3  | 72.3  | 73.5  | 69.8  | 59.4 | 62.6  | 59.4  | 52.0 | 51.8  | 44.9  |      |      |
| 155                                                                                  |        |       |       |       | 71.9  | 70.0  | 67.0  | 64.5  | 56.5 | 57.3  | 54.9  | 49.3 | 48.0  | 42.4 |       |        |       | 69.0  | 69.6  | 70.7  | 70.2  | 68.1  | 58.4 | 60.7  | 57.8  | 51.0 | 50.4  | 43.8  |      |      |
| 160                                                                                  |        |       |       |       |       |       | 65.2  | 63.0  | 55.6 | 55.6  | 53.5  | 48.2 | 46.7  | 41.4 |       |        |       |       | 66.2  | 67.7  | 66.8  | 66.5  | 57.5 | 58.8  | 56.3  | 50.0 | 49.0  | 42.7  |      |      |
| 165                                                                                  |        |       |       |       |       |       | 63.7  | 61.5  | 54.7 | 54.0  | 52.1  | 47.2 | 45.2  | 40.4 |       |        |       |       | 62.5  | 63.1  | 64.3  | 63.7  | 64.2 | 56.6  | 57.3  | 54.8 | 49.0  | 47.6  | 41.7 |      |
| 170                                                                                  |        |       |       |       |       |       | 62.2  | 60.2  | 54.0 | 52.5  | 50.8  | 46.4 | 44.0  | 39.4 |       |        |       |       | 59.5  | 60.1  | 61.3  | 60.7  | 61.2 | 55.7  | 55.9  | 53.5 | 48.1  | 46.3  | 40.8 |      |
| 175                                                                                  |        |       |       |       |       |       |       |       | 53.6 | 51.1  | 49.6  | 45.5 | 42.7  | 38.6 |       |        |       |       |       |       | 58.3  | 57.9  | 58.4 | 55.0  | 54.4  | 52.2 | 47.2  | 45.0  | 40.0 |      |
| 180                                                                                  |        |       |       |       |       |       |       |       |      | 49.9  | 48.4  | 44.8 | 41.5  | 37.7 |       |        |       |       |       |       |       | 55.3  | 55.7 | 54.4  | 53.1  | 51.0 | 46.4  | 43.7  | 39.2 |      |
| 185                                                                                  |        |       |       |       |       |       |       |       |      | 48.7  | 47.4  | 44.1 | 40.4  | 37.0 |       |        |       |       |       |       |       | 52.9  | 53.2 | 53.7  | 51.8  | 49.9 | 45.7  | 42.7  | 38.4 |      |
| 190                                                                                  |        |       |       |       |       |       |       |       |      | 47.6  | 46.4  | 43.5 | 39.4  | 36.3 |       |        |       |       |       |       |       |       |      | 50.9  | 51.9  | 50.5 | 48.8  | 45.0  | 41.7 | 37.6 |
| 195                                                                                  |        |       |       |       |       |       |       |       |      |       | 45.5  | 43.1 | 38.4  | 35.6 |       |        |       |       |       |       |       |       |      |       |       | 49.0 | 47.8  | 44.4  | 40.7 | 36.9 |
| 200                                                                                  |        |       |       |       |       |       |       |       |      |       |       |      | 37.6  | 34.9 |       |        |       |       |       |       |       |       |      |       |       | 46.9 | 46.9  | 43.9  | 39.8 | 36.2 |
| 205                                                                                  |        |       |       |       |       |       |       |       |      |       |       |      | 36.8  | 34.3 |       |        |       |       |       |       |       |       |      |       |       | 45.0 | 45.6  | 43.4  | 38.9 | 35.6 |
| 210                                                                                  |        |       |       |       |       |       |       |       |      |       |       |      | 36.0  | 33.8 |       |        |       |       |       |       |       |       |      |       |       |      | 43.7  | 42.9  | 38.0 | 35.0 |
| 215                                                                                  |        |       |       |       |       |       |       |       |      |       |       |      |       | 33.4 |       |        |       |       |       |       |       |       |      |       |       |      |       |       | 37.2 | 34.5 |
| 220                                                                                  |        |       |       |       |       |       |       |       |      |       |       |      |       |      |       |        |       |       |       |       |       |       |      |       |       |      |       |       | 36.5 | 34.1 |
| 225                                                                                  |        |       |       |       |       |       |       |       |      |       |       |      |       |      |       |        |       |       |       |       |       |       |      |       |       |      |       |       | 35.8 | 33.7 |
| 230                                                                                  |        |       |       |       |       |       |       |       |      |       |       |      |       |      |       |        |       |       |       |       |       |       |      |       |       |      |       |       |      | 33.3 |



22,050 lb/88,200 lb



110,250 lb - 374,800 lb

|  | SL 157 |       |       |       |       |       |       |       |      |       |       |      |       |      |      | SL 177 |     |       |       |       |       |       |       |       |       |      |       |       |      |  |
|-----------------------------------------------------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|------|--------|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|--|
|                                                                                   | F 39   |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 39 |        |     | F 59  |       |       | F 79  |       |       | F 98  |       |      | F 118 |       |      |  |
|                                                                                   | 10°    | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 10°  | 15°    | 30° | 10°   | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 15°   | 30°   |      |  |
| 34                                                                                | 192.0  |       |       |       |       |       |       |       |      |       |       |      |       |      |      |        |     | 207.0 |       |       |       |       |       |       |       |      |       |       |      |  |
| 36                                                                                | 271.0  |       |       |       |       |       |       |       |      |       |       |      |       |      |      |        |     | 269.0 |       |       |       |       |       |       |       |      |       |       |      |  |
| 38                                                                                | 271.0  | 266.0 |       |       |       |       |       |       |      |       |       |      |       |      |      |        |     | 267.0 | 234.0 |       |       |       |       |       |       |      |       |       |      |  |
| 40                                                                                | 271.0  | 262.0 |       |       |       |       |       |       |      |       |       |      |       |      |      |        |     | 259.0 | 230.0 |       | 194.0 |       |       |       |       |      |       |       |      |  |
| 45                                                                                | 271.0  | 249.0 |       | 217.0 |       |       |       |       |      |       |       |      |       |      |      |        |     | 249.0 | 224.0 | 150.0 | 188.0 | 169.0 |       | 157.0 |       |      |       |       |      |  |
| 50                                                                                | 271.0  | 236.0 | 149.0 | 205.0 | 178.0 |       | 158.0 |       |      |       |       |      |       |      |      |        |     | 240.0 | 217.0 | 145.0 | 181.0 | 163.0 |       | 152.0 |       |      |       |       |      |  |
| 55                                                                                | 265.0  | 226.0 | 145.0 | 194.0 | 170.0 |       | 157.0 | 138.0 |      | 140.0 |       |      |       |      |      |        |     | 232.0 | 210.0 | 141.0 | 175.0 | 158.0 |       | 147.0 | 131.0 |      | 130.0 |       |      |  |
| 60                                                                                | 243.0  | 216.0 | 141.0 | 185.0 | 162.0 | 111.0 | 151.0 | 132.0 |      | 132.0 |       |      |       |      |      |        |     | 216.0 | 204.0 | 138.0 | 169.0 | 153.0 | 107.0 | 142.0 | 126.0 |      | 125.0 | 110.0 |      |  |
| 65                                                                                | 222.0  | 207.0 | 137.0 | 176.0 | 156.0 | 108.0 | 144.0 | 126.0 |      | 126.0 | 111.0 |      | 101.0 |      |      |        |     | 199.0 | 198.0 | 134.0 | 163.0 | 149.0 | 105.0 | 137.0 | 121.0 |      | 119.0 | 106.0 |      |  |
| 70                                                                                | 204.0  | 199.0 | 133.0 | 169.0 | 150.0 | 104.0 | 138.0 | 121.0 | 89.7 | 120.0 | 107.0 |      | 96.6  |      |      |        |     | 184.0 | 186.0 | 131.0 | 158.0 | 145.0 | 102.0 | 132.0 | 117.0 | 86.8 | 114.0 | 102.0 |      |  |
| 75                                                                                | 189.0  | 189.0 | 129.0 | 162.0 | 144.0 | 101.0 | 131.0 | 116.0 | 87.1 | 114.0 | 102.0 |      | 92.4  |      |      |        |     | 170.0 | 172.0 | 128.0 | 153.0 | 140.0 | 99.8  | 127.0 | 113.0 | 84.4 | 109.0 | 98.2  |      |  |
| 80                                                                                | 173.0  | 174.0 | 126.0 | 155.0 | 139.0 | 98.8  | 126.0 | 112.0 | 84.6 | 109.0 | 98.1  | 76.9 | 88.4  |      |      |        |     | 145.0 | 147.0 | 123.0 | 144.0 | 132.0 | 95.2  | 118.0 | 105.0 | 80.1 | 101.0 | 91.3  |      |  |
| 85                                                                                | 159.0  | 160.0 | 123.0 | 149.0 | 134.0 | 96.3  | 121.0 | 108.0 | 82.1 | 104.0 | 94.1  | 74.5 | 84.9  |      |      |        |     | 157.0 | 159.0 | 125.0 | 149.0 | 136.0 | 97.5  | 122.0 | 109.0 | 82.1 | 105.0 | 94.7  |      |  |
| 90                                                                                | 147.0  | 148.0 | 120.0 | 143.0 | 129.0 | 93.9  | 116.0 | 104.0 | 79.8 | 99.8  | 90.6  | 72.3 | 81.4  | 64.3 |      |        |     | 157.0 | 159.0 | 125.0 | 149.0 | 136.0 | 97.5  | 122.0 | 109.0 | 82.1 | 105.0 | 94.7  |      |  |
| 95                                                                                | 136.0  | 137.0 | 118.0 | 136.0 | 125.0 | 91.7  | 111.0 | 101.0 | 77.7 | 95.9  | 87.2  | 70.2 | 78.3  | 62.2 |      |        |     | 145.0 | 147.0 | 123.0 | 144.0 | 132.0 | 95.2  | 118.0 | 105.0 | 80.1 | 101.0 | 91.3  |      |  |
| 100                                                                               | 126.0  | 127.0 | 115.0 | 128.0 | 121.0 | 89.6  | 107.0 | 97.2  | 75.8 | 92.2  | 84.2  | 68.2 | 75.2  | 60.2 |      |        |     | 135.0 | 136.0 | 120.0 | 137.0 | 128.0 | 93.0  | 113.0 | 102.0 | 78.2 | 97.2  | 88.2  |      |  |
| 105                                                                               | 118.0  | 118.0 | 113.0 | 120.0 | 117.0 | 87.5  | 103.0 | 94.2  | 73.9 | 88.8  | 81.3  | 66.4 | 72.5  | 58.5 |      |        |     | 125.0 | 126.0 | 118.0 | 127.0 | 124.0 | 90.9  | 110.0 | 98.9  | 76.5 | 93.7  | 85.2  |      |  |
| 110                                                                               | 110.0  | 111.0 | 111.0 | 112.0 | 112.0 | 85.6  | 99.6  | 91.2  | 72.1 | 85.4  | 78.6  | 64.6 | 70.0  | 56.8 |      |        |     | 116.0 | 118.0 | 115.0 | 119.0 | 119.0 | 88.9  | 106.0 | 95.8  | 74.8 | 90.3  | 82.5  |      |  |
| 115                                                                               | 103.0  | 104.0 | 106.0 | 105.0 | 106.0 | 83.9  | 96.3  | 88.5  | 70.4 | 82.3  | 76.2  | 63.0 | 67.6  | 55.3 |      |        |     | 103.0 | 103.0 | 106.0 | 104.0 | 105.0 | 85.4  | 99.0  | 90.2  | 71.5 | 84.1  | 77.4  |      |  |
| 120                                                                               | 96.8   | 97.4  | 100.0 | 98.5  | 99.7  | 82.2  | 93.3  | 85.9  | 68.9 | 79.3  | 73.8  | 61.3 | 65.3  | 53.7 |      |        |     | 102.0 | 103.0 | 106.0 | 104.0 | 105.0 | 85.4  | 99.0  | 90.2  | 71.5 | 84.1  | 77.4  |      |  |
| 125                                                                               | 91.0   | 91.6  | 94.0  | 92.7  | 93.8  | 80.6  | 90.4  | 83.4  | 67.4 | 76.7  | 71.5  | 59.8 | 63.0  | 52.3 |      |        |     | 95.6  | 96.6  | 99.0  | 97.7  | 98.4  | 83.8  | 95.7  | 87.7  | 70.0 | 81.3  | 75.1  |      |  |
| 130                                                                               | 85.7   | 86.3  | 88.6  | 87.4  | 88.5  | 79.3  | 87.5  | 81.1  | 65.9 | 74.2  | 69.4  | 58.4 | 61.0  | 50.9 |      |        |     | 89.9  | 90.8  | 93.1  | 91.9  | 92.7  | 82.4  | 92.1  | 85.3  | 68.5 | 78.8  | 72.8  |      |  |
| 135                                                                               | 80.9   | 81.4  | 83.6  | 82.5  | 83.6  | 78.0  | 84.0  | 78.8  | 64.6 | 71.9  | 67.3  | 57.1 | 59.1  | 49.6 |      |        |     | 84.5  | 85.6  | 87.7  | 86.5  | 87.4  | 81.0  | 87.6  | 83.2  | 67.1 | 76.4  | 70.8  |      |  |
| 140                                                                               | 76.5   | 76.9  | 78.9  | 78.0  | 79.0  | 76.6  | 79.4  | 76.8  | 63.3 | 69.7  | 65.5  | 55.8 | 57.4  | 48.4 |      |        |     | 79.7  | 80.7  | 82.7  | 81.7  | 82.4  | 79.8  | 82.6  | 81.2  | 65.8 | 74.0  | 68.9  |      |  |
| 145                                                                               | 72.3   | 72.8  | 74.6  | 73.8  | 74.8  | 75.4  | 75.3  | 74.9  | 62.2 | 67.6  | 63.7  | 54.6 | 55.7  | 47.2 |      |        |     | 75.3  | 76.2  | 78.1  | 77.2  | 77.9  | 78.5  | 78.2  | 79.0  | 64.7 | 71.8  | 67.2  |      |  |
| 150                                                                               | 68.5   | 68.9  | 70.7  | 70.0  | 70.9  | 72.9  | 71.4  | 71.9  | 61.1 | 65.7  | 62.1  | 53.5 | 54.1  | 46.1 |      |        |     | 71.2  | 72.0  | 73.9  | 73.0  | 73.7  | 75.9  | 74.1  | 74.9  | 63.6 | 69.7  | 65.4  |      |  |
| 155                                                                               | 65.0   | 65.3  | 66.9  | 66.4  | 67.2  | 69.2  | 67.8  | 68.5  | 60.1 | 63.9  | 60.5  | 52.4 | 52.6  | 45.1 |      |        |     | 67.4  | 68.1  | 69.9  | 69.2  | 69.8  | 72.1  | 70.1  | 71.0  | 62.5 | 67.9  | 63.8  |      |  |
| 160                                                                               | 61.7   | 62.0  | 63.4  | 63.0  | 63.8  | 65.7  | 64.4  | 65.1  | 59.2 | 62.2  | 59.0  | 51.3 | 51.1  | 44.1 |      |        |     | 67.4  | 68.1  | 69.9  | 69.2  | 69.8  | 72.1  | 70.1  | 71.0  | 62.5 | 67.9  | 63.8  |      |  |
| 165                                                                               | 58.6   | 58.8  | 60.2  | 59.9  | 60.7  | 62.4  | 61.2  | 61.9  | 58.3 | 60.6  | 57.5  | 50.4 | 49.8  | 43.1 |      |        |     | 67.4  | 68.1  | 69.9  | 69.2  | 69.8  | 72.1  | 70.1  | 71.0  | 62.5 | 67.9  | 63.8  |      |  |
| 170                                                                               |        |       | 57.2  | 57.0  | 57.7  | 59.3  | 58.3  | 58.8  | 57.3 | 58.5  | 56.2  | 49.5 | 48.5  | 42.2 |      |        |     | 67.4  | 68.1  | 69.9  | 69.2  | 69.8  | 72.1  | 70.1  | 71.0  | 62.5 | 67.9  | 63.8  |      |  |
| 175                                                                               |        |       |       | 54.3  | 54.9  | 56.4  | 55.6  | 56.1  | 56.5 | 56.1  | 54.8  | 48.7 | 47.2  | 41.3 |      |        |     | 54.6  | 55.2  | 56.5  | 56.2  | 56.7  | 58.6  | 57.1  | 57.8  | 58.6 | 57.6  | 57.8  |      |  |
| 180                                                                               |        |       |       | 51.7  | 52.3  | 53.6  | 53.0  | 53.4  | 55.0 | 53.5  | 53.5  | 48.0 | 46.1  | 40.5 |      |        |     | 51.9  | 52.5  | 53.7  | 53.5  | 53.9  | 55.7  | 54.4  | 55.0  | 56.6 | 54.8  | 56.1  |      |  |
| 185                                                                               |        |       |       | 49.3  | 49.8  | 51.0  | 50.5  | 50.9  | 52.4 | 51.0  | 52.1  | 47.2 | 44.9  | 39.7 |      |        |     | 49.4  | 49.9  | 51.0  | 50.9  | 51.3  | 53.0  | 51.8  | 52.4  | 54.2 | 52.3  | 53.5  |      |  |
| 190                                                                               |        |       |       |       |       | 48.6  | 48.2  | 48.6  | 50.0 | 48.8  | 49.7  | 46.4 | 43.8  | 39.0 |      |        |     |       |       |       | 48.5  | 48.5  | 48.8  | 50.4  | 49.3  | 49.9 | 51.6  | 49.8  | 51.0 |  |
| 195                                                                               |        |       |       |       |       |       |       |       |      |       |       |      |       |      |      |        |     |       |       |       | 46.2  | 46.5  | 48.0  | 47.0  | 47.5  | 49.1 | 47.5  | 48.6  | 47.5 |  |
| 200                                                                               |        |       |       |       |       |       | 46.0  | 46.4  | 47.6 | 46.6  | 47.5  | 45.8 | 42.8  | 38.3 |      |        |     |       |       |       | 46.2  | 46.5  | 48.0  | 47.0  | 47.5  | 49.1 | 47.5  | 48.6  | 47.5 |  |
| 205                                                                               |        |       |       |       |       |       | 43.9  | 44.3  | 45.4 | 44.5  | 45.4  | 45.1 | 41.9  | 37.6 |      |        |     |       |       |       | 42.0  | 42.2  | 43.5  | 42.8  | 43.2  | 44.7 | 43.3  | 44.3  | 46.2 |  |
| 210                                                                               |        |       |       |       |       |       |       | 42.3  | 43.3 | 42.6  | 43.4  | 44.5 | 40.9  | 36.9 |      |        |     |       |       |       |       |       | 41.4  | 40.9  | 41.2  | 42.6 | 41.4  | 42.3  | 44.1 |  |
| 215                                                                               |        |       |       |       |       |       |       |       |      | 40.7  | 41.5  | 42.9 | 40.0  | 36.3 |      |        |     |       |       |       |       |       |       | 39.0  | 39.4  | 40.6 | 39.5  | 40.4  | 42.1 |  |
| 220                                                                               |        |       |       |       |       |       |       |       |      | 39.0  | 39.7  | 41.0 | 39.2  | 35.8 |      |        |     |       |       |       |       |       |       | 37.3  | 37.6  | 38.7 | 37.8  | 38.6  | 40.3 |  |
| 225                                                                               |        |       |       |       |       |       |       |       |      | 37.3  | 38.0  | 39.2 | 38.0  | 35.2 |      |        |     |       |       |       |       |       |       |       | 35.9  | 36.9 | 36.1  | 37.0  | 38.4 |  |
| 230                                                                               |        |       |       |       |       |       |       |       |      |       | 36.4  | 37.5 | 36.5  | 34.7 |      |        |     |       |       |       |       |       |       |       |       |      | 35.2  | 34.5  | 35.3 |  |
| 235                                                                               |        |       |       |       |       |       |       |       |      |       |       |      | 35.0  | 34.2 |      |        |     |       |       |       |       |       |       |       |       |      |       | 33.0  | 33.8 |  |
| 240                                                                               |        |       |       |       |       |       |       |       |      |       |       |      | 33.5  | 33.8 |      |        |     |       |       |       |       |       |       |       |       |      |       | 31.5  | 32.3 |  |
| 245                                                                               |        |       |       |       |       |       |       |       |      |       |       |      | 32.0  | 33.1 |      |        |     |       |       |       |       |       |       |       |       |      |       | 30.2  | 30.8 |  |
| 250                                                                               |        |       |       |       |       |       |       |       |      |       |       |      |       | 31.9 |      |        |     |       |       |       |       |       |       |       |       |      |       |       |      |  |
| 255                                                                               |        |       |       |       |       |       |       |       |      |       |       |      |       |      |      |        |     |       |       |       |       |       |       |       |       |      |       |       |      |  |
| 260                                                                               |        |       |       |       |       |       |       |       |      |       |       |      |       |      |      |        |     |       |       |       |       |       |       |       |       |      |       |       |      |  |



22,050 lb/88,200 lb



110,250 lb – 374,800 lb

|  ft | SL 197 |       |       |       |       |       |       |       |      |       |       |      |       |      |     | SL 217 |     |       |       |       |       |       |       |       |       |      |       |       |      |  |
|--------------------------------------------------------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-----|--------|-----|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|--|
|                                                                                      | F 39   |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      |     | F 39   |     |       | F 59  |       |       | F 79  |       |       | F 98  |      |       | F 118 |      |  |
|                                                                                      | 10°    | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 10° | 15°    | 30° | 10°   | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 15°   | 30°   |      |  |
| 38                                                                                   | 186.0  |       |       |       |       |       |       |       |      |       |       |      |       |      |     |        |     |       |       |       |       |       |       |       |       |      |       |       |      |  |
| 40                                                                                   | 261.0  |       |       |       |       |       |       |       |      |       |       |      |       |      |     |        |     | 234.0 |       |       |       |       |       |       |       |      |       |       |      |  |
| 45                                                                                   | 251.0  | 225.0 |       |       |       |       |       |       |      |       |       |      |       |      |     |        |     | 231.0 | 210.0 |       |       |       |       |       |       |      |       |       |      |  |
| 50                                                                                   | 243.0  | 218.0 |       | 183.0 |       |       |       |       |      |       |       |      |       |      |     |        |     | 226.0 | 204.0 |       | 172.0 |       |       |       |       |      |       |       |      |  |
| 55                                                                                   | 235.0  | 211.0 | 146.0 | 177.0 | 157.0 |       | 149.0 |       |      |       |       |      |       |      |     |        |     | 220.0 | 199.0 | 146.0 | 167.0 | 151.0 |       | 140.0 |       |      |       |       |      |  |
| 60                                                                                   | 226.0  | 206.0 | 142.0 | 171.0 | 155.0 |       | 143.0 | 129.0 |      | 127.0 |       |      |       |      |     |        |     | 214.0 | 194.0 | 142.0 | 162.0 | 146.0 |       | 136.0 |       |      | 118.0 |       |      |  |
| 65                                                                                   | 209.0  | 200.0 | 139.0 | 166.0 | 150.0 | 108.0 | 139.0 | 125.0 |      | 123.0 |       |      |       |      |     |        |     | 203.0 | 189.0 | 139.0 | 157.0 | 143.0 | 108.0 | 131.0 | 118.0 |      | 116.0 |       |      |  |
| 70                                                                                   | 192.0  | 193.0 | 136.0 | 160.0 | 146.0 | 105.0 | 134.0 | 121.0 |      | 119.0 | 106.0 |      |       | 95.3 |     |        |     | 187.0 | 184.0 | 136.0 | 153.0 | 139.0 | 105.0 | 127.0 | 114.0 |      | 113.0 | 102.0 |      |  |
| 75                                                                                   | 177.0  | 179.0 | 133.0 | 155.0 | 142.0 | 103.0 | 130.0 | 118.0 | 86.7 | 114.0 | 102.0 |      |       | 91.7 |     |        |     | 173.0 | 175.0 | 134.0 | 148.0 | 136.0 | 103.0 | 124.0 | 111.0 |      | 109.0 | 98.7  | 89.0 |  |
| 80                                                                                   | 164.0  | 166.0 | 130.0 | 151.0 | 139.0 | 101.0 | 126.0 | 114.0 | 84.6 | 110.0 | 98.7  |      |       | 88.4 |     |        |     | 161.0 | 162.0 | 131.0 | 144.0 | 132.0 | 101.0 | 120.0 | 108.0 | 83.9 | 106.0 | 96.1  | 86.4 |  |
| 85                                                                                   | 153.0  | 155.0 | 127.0 | 147.0 | 135.0 | 98.5  | 122.0 | 110.0 | 82.7 | 106.0 | 95.5  | 74.2 |       | 85.2 |     |        |     | 149.0 | 151.0 | 128.0 | 140.0 | 129.0 | 98.8  | 117.0 | 105.0 | 82.1 | 103.0 | 93.5  | 83.8 |  |
| 90                                                                                   | 142.0  | 144.0 | 125.0 | 142.0 | 132.0 | 96.3  | 119.0 | 107.0 | 80.8 | 103.0 | 92.4  | 72.3 |       | 82.4 |     |        |     | 139.0 | 141.0 | 126.0 | 136.0 | 126.0 | 96.7  | 113.0 | 103.0 | 80.4 | 99.6  | 91.1  | 81.3 |  |
| 95                                                                                   | 131.0  | 133.0 | 122.0 | 134.0 | 129.0 | 94.2  | 115.0 | 104.0 | 78.9 | 98.9  | 89.4  | 70.5 | 79.6  | 62.1 |     |        |     | 130.0 | 131.0 | 124.0 | 130.0 | 123.0 | 94.8  | 110.0 | 100.0 | 78.7 | 96.9  | 88.7  | 70.0 |  |
| 100                                                                                  | 122.0  | 123.0 | 120.0 | 124.0 | 125.0 | 92.3  | 112.0 | 101.0 | 77.1 | 95.4  | 86.6  | 68.8 | 76.9  | 60.4 |     |        |     | 121.0 | 122.0 | 122.0 | 123.0 | 120.0 | 93.1  | 107.0 | 97.7  | 77.2 | 94.3  | 86.3  | 68.5 |  |
| 105                                                                                  | 114.0  | 115.0 | 117.0 | 116.0 | 118.0 | 90.6  | 109.0 | 98.0  | 75.5 | 92.3  | 83.9  | 67.2 | 74.4  | 58.7 |     |        |     | 113.0 | 113.0 | 117.0 | 114.0 | 116.0 | 91.4  | 105.0 | 95.3  | 75.6 | 91.8  | 84.0  | 67.0 |  |
| 110                                                                                  | 106.0  | 107.0 | 110.0 | 108.0 | 110.0 | 88.9  | 105.0 | 95.2  | 73.9 | 89.3  | 81.5  | 65.6 | 71.9  | 57.2 |     |        |     | 105.0 | 106.0 | 109.0 | 107.0 | 108.0 | 89.8  | 102.0 | 93.2  | 74.2 | 89.3  | 81.7  | 65.6 |  |
| 115                                                                                  | 99.1   | 100.0 |       |       |       |       |       |       |      |       |       |      |       |      |     |        |     |       |       |       |       |       |       |       |       |      |       |       |      |  |





22,050 lb/88,200 lb



110,250 lb - 374,800 lb

|  ft | SL 236 |       |       |       |       |       |       |       |      |       |      |      |       |      |     | SL 256 |       |       |       |       |       |       |       |      |       |      |      |       |      |  |
|--------------------------------------------------------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|-------|------|-----|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|-------|------|--|
|                                                                                      | F 39   |       |       | F 59  |       |       | F 79  |       |      | F 98  |      |      | F 118 |      |     | F 39   |       |       | F 59  |       |       | F 79  |       |      | F 98  |      |      | F 118 |      |  |
|                                                                                      | 10°    | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°  | 30°  | 15°   | 30°  | 10° | 15°    | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°   | 10°  | 15°   | 30°  | 15°  | 30°   |      |  |
| 45                                                                                   | 222.0  | 118.0 |       |       |       |       |       |       |      |       |      |      |       |      |     | 208.0  |       |       |       |       |       |       |       |      |       |      |      |       |      |  |
| 50                                                                                   | 216.0  | 194.0 |       | 167.0 |       |       |       |       |      |       |      |      |       |      |     | 202.0  | 185.0 |       |       |       |       |       |       |      |       |      |      |       |      |  |
| 55                                                                                   | 210.0  | 191.0 | 146.0 | 162.0 | 147.0 |       |       |       |      |       |      |      |       |      |     | 197.0  | 180.0 |       | 154.0 |       |       |       |       |      |       |      |      |       |      |  |
| 60                                                                                   | 205.0  | 187.0 | 143.0 | 158.0 | 143.0 |       | 132.0 |       |      |       |      |      |       |      |     | 193.0  | 176.0 | 143.0 | 149.0 | 137.0 |       | 126.0 |       |      |       |      |      |       |      |  |
| 65                                                                                   | 196.0  | 183.0 | 140.0 | 153.0 | 139.0 |       | 128.0 | 116.0 |      | 113.0 |      |      |       |      |     | 187.0  | 173.0 | 140.0 | 146.0 | 133.0 |       | 123.0 |       |      | 109.0 |      |      |       |      |  |
| 70                                                                                   | 181.0  | 179.0 | 137.0 | 149.0 | 136.0 | 105.0 | 124.0 | 113.0 |      | 109.0 | 98.9 |      |       |      |     | 174.0  | 169.0 | 137.0 | 142.0 | 130.0 | 105.0 | 120.0 | 109.0 |      | 106.0 |      |      |       |      |  |
| 75                                                                                   | 167.0  | 169.0 | 135.0 | 145.0 | 133.0 | 103.0 | 121.0 | 110.0 |      | 106.0 | 96.3 |      | 86.4  |      |     | 161.0  | 163.0 | 135.0 | 139.0 | 127.0 | 103.0 | 117.0 | 107.0 |      | 103.0 | 92.8 |      | 79.7  |      |  |
| 80                                                                                   | 155.0  | 157.0 | 132.0 | 141.0 | 130.0 | 101.0 | 118.0 | 107.0 | 79.7 | 103.0 | 93.8 |      | 83.9  |      |     | 149.0  | 152.0 | 133.0 | 136.0 | 125.0 | 101.0 | 114.0 | 104.0 |      | 99.9  | 90.5 |      | 79.7  |      |  |
| 85                                                                                   | 144.0  | 146.0 | 129.0 | 138.0 | 127.0 | 99.0  | 115.0 | 105.0 | 79.7 | 100.0 | 91.3 |      | 81.6  |      |     | 139.0  | 141.0 | 130.0 | 132.0 | 122.0 | 99.0  | 111.0 | 102.0 | 79.7 | 97.3  | 88.3 |      | 79.1  |      |  |
| 90                                                                                   | 134.0  | 136.0 | 127.0 | 133.0 | 124.0 | 97.2  | 111.0 | 102.0 | 79.7 | 97.6  | 89.0 | 71.5 | 79.4  |      |     | 129.0  | 131.0 | 128.0 | 129.0 | 119.0 | 97.4  | 108.0 | 99.5  | 79.6 | 94.7  | 86.3 |      | 77.3  |      |  |
| 95                                                                                   | 126.0  | 128.0 | 125.0 | 126.0 | 121.0 | 95.4  | 109.0 | 99.8  | 79.6 | 94.9  | 86.9 | 69.9 | 77.4  | 61.0 |     | 121.0  | 123.0 | 125.0 | 122.0 | 117.0 | 95.8  | 106.0 | 97.2  | 79.3 | 92.2  | 84.2 | 69.4 | 75.4  |      |  |
| 100                                                                                  | 118.0  | 119.0 | 121.0 | 118.0 | 118.0 | 93.7  | 106.0 | 97.6  | 78.5 | 92.6  | 84.7 | 68.5 | 75.4  | 59.7 |     | 113.0  | 115.0 | 119.0 | 115.0 | 114.0 | 94.3  | 103.0 | 95.0  | 78.8 | 89.8  | 82.2 | 68.1 | 73.7  | 59.4 |  |
| 105                                                                                  | 110.0  | 111.0 | 114.0 | 111.0 | 113.0 | 92.2  | 103.0 | 95.4  | 77.2 | 90.2  | 82.7 | 67.1 | 73.5  | 58.4 |     | 106.0  | 108.0 | 111.0 | 108.0 | 109.0 | 92.8  | 101.0 | 93.0  | 77.4 | 87.7  | 80.2 | 66.9 | 71.9  | 58.1 |  |
| 110                                                                                  | 102.0  | 104.0 | 106.0 | 104.0 | 106.0 | 90.6  | 101.0 | 93.3  | 75.8 | 87.9  | 80.9 | 65.9 | 71.7  | 57.1 |     | 99.0   | 101.0 | 104.0 | 101.0 | 103.0 | 91.4  | 98.1  | 91.1  | 76.0 | 85.6  | 78.5 | 65.7 | 70.2  | 56.8 |  |
| 115                                                                                  | 95.4   | 96.8  | 99.4  | 97.1  | 98.9  | 89.2  | 97.8  | 91.3  | 74.5 | 85.8  | 79.0 | 64.6 | 70.0  | 55.9 |     | 92.3   | 93.8  | 96.9  | 95.1  | 96.4  | 90.0  | 94.7  | 89.2  | 74.7 | 83.7  | 76.9 | 64.5 | 68.7  | 55.6 |  |
| 120                                                                                  | 89.0   | 90.5  | 93.0  | 90.8  | 92.6  | 87.8  | 92.0  | 89.4  | 73.1 | 83.7  | 77.3 | 63.3 | 68.4  | 54.8 |     | 86.3   | 87.6  | 90.5  | 88.8  | 90.1  | 88.7  | 89.4  | 87.4  | 73.6 | 81.8  | 75.4 | 63.4 | 67.2  | 54.5 |  |
| 125                                                                                  | 83.4   | 84.8  | 87.3  | 85.3  | 86.8  | 86.4  | 86.3  | 87.2  | 71.9 | 81.5  | 75.6 | 62.1 | 66.7  | 53.7 |     | 80.5   | 82.1  | 84.7  | 83.1  | 84.3  | 86.6  | 83.8  | 84.9  | 72.4 | 79.9  | 73.9 | 62.3 | 65.7  | 53.5 |  |
| 130                                                                                  | 78.2   | 79.4  | 81.8  | 79.9  | 81.7  | 84.3  | 81.1  | 83.0  | 70.8 | 79.3  | 73.9 | 60.9 | 65.0  | 52.6 |     | 75.4   | 76.7  | 79.4  | 78.0  | 79.0  | 82.4  | 78.5  | 80.6  | 71.4 | 77.8  | 72.4 | 61.2 | 64.2  | 52.4 |  |
| 135                                                                                  | 73.4   | 74.7  | 76.9  | 75.2  | 76.6  | 79.6  | 76.4  | 78.1  | 69.7 | 76.5  | 72.1 | 59.8 | 63.3  | 51.5 |     | 70.5   | 72.0  | 74.4  | 73.2  | 74.2  | 77.4  | 73.7  | 75.7  | 70.3 | 74.8  | 71.0 | 60.2 | 63.0  | 51.5 |  |
| 140                                                                                  | 69.0   | 70.1  | 72.4  | 70.6  | 72.2  | 75.1  | 71.8  | 73.7  | 68.6 | 72.9  | 70.2 | 58.8 | 61.7  | 50.4 |     | 66.3   | 67.5  | 69.9  | 68.7  | 69.7  | 72.7  | 69.3  | 71.2  | 69.3 | 70.3  | 69.4 | 59.2 | 61.7  | 50.6 |  |
| 145                                                                                  | 64.9   | 66.1  | 68.0  | 66.6  | 68.0  | 70.7  | 67.8  | 69.4  | 67.4 | 68.9  | 68.3 | 57.8 | 60.2  | 49.5 |     | 62.1   | 63.4  | 65.6  | 64.6  | 65.5  | 68.5  | 65.3  | 67.1  | 68.2 | 66.2  | 67.2 | 58.2 | 60.3  | 49.7 |  |
| 150                                                                                  | 61.1   | 62.2  | 64.2  | 62.7  | 64.2  | 66.8  | 63.9  | 65.6  | 66.1 | 64.9  | 65.4 | 56.8 | 58.7  | 48.6 |     | 58.4   | 59.6  | 61.8  | 60.7  | 61.6  | 64.5  | 61.4  | 63.2  | 66.5 | 62.6  | 63.9 | 57.2 | 58.9  | 48.9 |  |
| 155                                                                                  | 57.6   | 58.6  | 60.5  | 59.2  | 60.5  | 63.0  | 60.4  | 61.9  | 64.0 | 61.5  | 62.4 | 55.8 | 57.2  | 47.7 |     | 54.8   | 56.0  | 58.1  | 57.2  | 58.1  | 60.8  | 57.9  | 59.5  | 62.9 | 58.9  | 60.3 | 56.2 | 57.4  | 48.0 |  |
| 160                                                                                  | 54.3   | 55.3  | 57.1  | 55.9  | 57.2  | 59.5  | 57.0  | 58.6  | 61.5 | 58.0  | 59.3 | 54.8 | 55.9  | 46.8 |     | 51.6   | 52.7  | 54.7  | 53.9  | 54.7  | 57.3  | 54.4  | 56.2  | 59.5 | 55.6  | 57.0 | 55.2 | 55.9  | 47.2 |  |
| 165                                                                                  | 51.3   | 52.2  | 53.9  | 52.8  | 54.0  | 56.3  | 53.9  | 55.3  | 58.3 | 55.0  | 56.1 | 53.9 | 54.3  | 45.9 |     | 48.5   | 49.5  | 51.5  | 50.8  | 51.6  | 54.1  | 51.4  | 53.0  | 56.1 | 52.5  | 53.7 | 54.2 | 53.5  | 46.4 |  |
| 170                                                                                  | 48.4   | 49.3  | 50.9  | 49.9  | 51.0  | 53.2  | 50.9  | 52.5  | 55.2 | 52.0  | 53.1 | 53.1 | 52.2  | 45.0 |     | 45.6   | 46.7  | 48.5  | 47.9  | 48.6  | 50.9  | 48.4  | 50.1  | 53.1 | 49.6  | 50.8 | 52.8 | 51.2  | 45.5 |  |
| 175                                                                                  | 45.7   | 46.6  | 48.1  | 47.1  | 48.3  | 50.4  | 48.2  | 49.6  | 52.3 | 49.3  | 50.3 | 51.9 | 50.1  | 44.2 |     | 42.9   | 43.9  | 45.7  | 45.1  | 45.8  | 48.2  | 45.7  | 47.2  | 50.1 | 46.9  | 48.0 | 50.9 | 48.7  | 44.7 |  |
| 180                                                                                  | 43.2   | 44.0  | 45.5  | 44.6  | 45.7  | 47.7  | 45.6  | 47.0  | 49.6 | 46.7  | 47.7 | 50.5 | 47.6  | 43.5 |     | 40.4   | 41.4  | 43.0  | 42.6  | 43.2  | 45.4  | 43.1  | 44.7  | 47.5 | 44.3  | 45.4 | 48.7 | 46.0  | 44.0 |  |
| 185                                                                                  | 40.8   | 41.6  | 43.0  | 42.1  | 43.2  | 45.1  | 43.2  | 44.5  | 46.9 | 44.3  | 45.2 | 48.2 | 45.1  | 42.8 |     | 38.0   | 39.0  | 40.6  | 40.1  | 40.8  | 42.9  | 40.7  | 42.1  | 44.8 | 41.9  | 42.9 | 46.2 | 43.5  | 43.2 |  |
| 190                                                                                  | 38.5   | 39.3  | 40.6  | 39.9  | 40.9  | 42.7  | 40.9  | 42.2  | 44.6 | 42.0  | 42.9 | 45.7 | 42.8  | 42.1 |     | 35.8   | 36.7  | 38.2  | 37.9  | 38.4  | 40.5  | 38.4  | 39.8  | 42.4 | 39.5  | 40.6 | 43.7 | 41.3  | 42.4 |  |
| 195                                                                                  | 36.4   | 37.2  | 38.4  | 37.7  | 38.7  | 40.4  | 38.8  | 40.0  | 42.2 | 39.9  | 40.7 | 43.5 | 40.6  | 41.4 |     | 33.6   | 34.6  | 36.0  | 35.7  | 36.3  | 38.2  | 36.3  | 37.6  | 40.1 | 37.4  | 38.3 | 41.4 | 39.0  | 41.0 |  |
| 200                                                                                  | 34.4   | 35.1  | 36.3  | 35.7  | 36.7  | 38.3  | 36.7  | 37.9  | 40.0 | 37.7  | 38.6 | 41.2 | 38.5  | 40.7 |     | 31.7   | 32.5  | 33.9  | 33.7  | 34.2  | 36.1  | 34.2  | 35.5  | 37.9 | 35.3  | 36.3 | 39.2 | 37.0  | 39.6 |  |
| 205                                                                                  | 32.5   | 33.2  | 34.3  | 33.8  | 34.7  | 36.3  | 34.7  | 35.9  | 38.0 | 35.8  | 36.6 | 39.2 | 36.5  | 39.5 |     | 29.7   | 30.6  | 31.9  | 31.7  | 32.2  | 34.0  | 32.3  | 33.5  | 35.8 | 33.4  | 34.3 | 37.1 | 34.9  | 37.6 |  |
| 210                                                                                  | 30.7   | 31.4  | 32.4  | 31.9  | 32.8  | 34.3  | 32.9  | 34.0  | 36.0 | 34.0  | 34.7 | 37.2 | 34.7  | 37.6 |     | 28.0   | 28.8  | 30.0  | 29.9  | 30.4  | 32.1  | 30.4  | 31.7  | 33.9 | 31.5  | 32.4 | 35.1 | 33.1  | 35.6 |  |
| 215                                                                                  | 29.0   | 29.6  | 30.6  | 30.2  | 31.0  | 32.4  | 31.1  | 32.2  | 34.1 | 32.2  | 32.9 | 35.3 | 32.9  | 35.8 |     | 26.3   | 27.0  | 28.2  | 28.1  | 28.5  | 30.2  | 28.6  | 29.9  | 32.0 | 29.8  | 30.6 | 33.3 | 31.3  | 33.7 |  |
| 220                                                                                  | 27.4   | 28.0  | 28.9  | 28.5  | 29.4  | 30.7  | 29.5  | 30.5  | 32.3 | 30.5  | 31.2 | 33.5 | 31.2  | 34.0 |     | 24.6   | 25.4  | 26.5  | 26.4  | 26.9  | 28.4  | 27.0  | 28.1  | 30.2 | 28.1  | 28.9 | 31.4 | 29.6  | 31.9 |  |
| 225                                                                                  | 25.8   | 26.4  | 27.3  | 27.0  | 27.7  | 29.0  | 27.9  | 28.9  | 30.6 | 29.0  | 29.6 | 31.8 | 29.6  | 32.3 |     | 23.1   | 23.8  | 24.9  | 24.9  | 25.3  | 26.8  | 25.4  | 26.5  | 28.5 | 26.5  | 27.3 | 29.7 | 27.9  | 30.2 |  |
| 230                                                                                  |        | 24.9  | 25.7  | 25.5  | 26.2  | 27.4  | 26.4  | 27.3  | 29.0 | 27.4  | 28.1 | 30.2 | 28.0  | 30.6 |     | 21.8   | 22.4  | 23.3  | 23.4  | 23.7  | 25.2  | 23.9  | 24.9  | 26.8 | 25.0  | 25.7 | 28.1 | 26.4  | 28.6 |  |
| 235                                                                                  |        |       | 24.2  | 24.0  | 24.8  | 25.8  | 24.9  | 25.8  | 27.4 | 26.0  | 26.6 | 28.6 | 26.5  | 29.0 |     | 20.6   | 21.1  | 21.9  | 22.0  | 22.4  | 23.6  | 22.4  | 23.5  | 25.3 | 23.6  | 24.2 | 26.5 | 24.9  | 27.0 |  |
| 240                                                                                  |        |       |       | 22.7  | 23.4  | 24.4  | 23.5  | 24.4  | 25.9 | 24.6  | 25.1 | 27.1 | 25.2  | 27.5 |     | 19.4   | 19.9  | 20.7  | 20.8  | 21.1  | 22.2  | 21.2  | 22.1  | 23.8 | 22.2  | 22.9 | 25.0 | 23.5  | 25.5 |  |
| 245                                                                                  |        |       |       | 21.5  | 22.1  | 23.0  | 22.2  | 23.1  | 24.5 | 23.2  | 23.8 | 25.6 | 23.8  | 26.1 |     | 18.3   | 18.8  | 19.5  | 19.7  | 20.0  | 21.0  | 20.1  |       |      |       |      |      |       |      |  |



22,050 lb/88,200 lb



110,250 lb - 374,800 lb

|  ft | SL 276 |       |       |       |       |       |       |       |      |       |      |      |       |      |     | SL 295 |     |       |       |       |       |       |      |       |      |      |      |       |      |      |
|--------------------------------------------------------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|-------|------|-----|--------|-----|-------|-------|-------|-------|-------|------|-------|------|------|------|-------|------|------|
|                                                                                      | F 39   |       |       | F 59  |       |       | F 79  |       |      | F 98  |      |      | F 118 |      |     | F 39   |     |       | F 59  |       |       | F 79  |      |       | F 98 |      |      | F 118 |      |      |
|                                                                                      | 10°    | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°  | 30°  | 15°   | 30°  | 10° | 15°    | 30° | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°  | 30°  | 15°  | 30°   |      |      |
| 50                                                                                   | 189.0  | 173.0 |       |       |       |       |       |       |      |       |      |      |       |      |     |        |     | 174.0 |       |       |       |       |      |       |      |      |      |       |      |      |
| 55                                                                                   | 185.0  | 169.0 |       |       |       |       |       |       |      |       |      |      |       |      |     |        |     | 171.0 | 156.0 |       |       |       |      |       |      |      |      |       |      |      |
| 60                                                                                   | 181.0  | 166.0 | 138.0 | 141.0 | 129.0 |       | 118.0 |       |      |       |      |      |       |      |     |        |     | 167.0 | 155.0 |       | 133.0 |       |      |       |      |      |      |       |      |      |
| 65                                                                                   | 177.0  | 163.0 | 136.0 | 138.0 | 126.0 |       | 116.0 |       |      |       |      |      |       |      |     |        |     | 164.0 | 152.0 | 128.0 | 130.0 | 118.0 |      | 110.0 |      | 96.5 |      |       |      |      |
| 70                                                                                   | 168.0  | 159.0 | 133.0 | 135.0 | 123.0 |       | 114.0 | 104.0 |      | 100.0 |      |      |       |      |     |        |     | 161.0 | 150.0 | 126.0 | 127.0 | 116.0 |      | 107.0 |      | 94.0 |      |       |      |      |
| 75                                                                                   | 156.0  | 154.0 | 131.0 | 132.0 | 121.0 | 101.0 | 111.0 | 102.0 |      | 97.5  | 88.8 |      |       |      |     |        |     | 150.0 | 146.0 | 124.0 | 124.0 | 114.0 | 95.7 | 105.0 | 95.8 | 91.7 |      |       |      |      |
| 80                                                                                   | 144.0  | 146.0 | 129.0 | 129.0 | 118.0 | 99.2  | 108.0 | 99.4  |      | 95.1  | 86.7 |      | 77.7  |      |     |        |     | 139.0 | 140.0 | 122.0 | 122.0 | 112.0 | 94.1 | 102.0 | 93.6 | 89.4 | 81.7 | 73.6  |      |      |
| 85                                                                                   | 134.0  | 136.0 | 127.0 | 126.0 | 116.0 | 97.5  | 106.0 | 97.2  | 79.3 | 92.7  | 84.6 |      | 76.1  |      |     |        |     | 129.0 | 132.0 | 120.0 | 119.0 | 110.0 | 92.5 | 99.8  | 91.6 | 87.4 | 79.8 | 71.9  |      |      |
| 90                                                                                   | 125.0  | 126.0 | 125.0 | 123.0 | 113.0 | 95.8  | 103.0 | 95.1  | 78.8 | 90.5  | 82.7 |      | 74.5  |      |     |        |     | 120.0 | 123.0 | 119.0 | 117.0 | 108.0 | 91.0 | 97.6  | 89.7 | 75.3 | 85.3 | 78.1  | 70.3 |      |
| 95                                                                                   | 116.0  | 118.0 | 121.0 | 117.0 | 111.0 | 94.3  | 101.0 | 93.0  | 77.8 | 88.3  | 80.9 | 67.1 | 72.8  |      |     |        |     | 112.0 | 115.0 | 116.0 | 114.0 | 106.0 | 89.5 | 95.5  | 87.9 | 73.9 | 83.4 | 76.4  | 68.7 |      |
| 100                                                                                  | 109.0  | 110.0 | 115.0 | 110.0 | 109.0 | 92.8  | 98.8  | 91.0  | 76.5 | 86.2  | 79.2 | 65.9 | 71.1  | 57.8 |     |        |     | 105.0 | 107.0 | 111.0 | 106.0 | 104.0 | 88.1 | 93.4  | 86.2 | 72.6 | 81.5 | 74.8  | 67.1 |      |
| 105                                                                                  | 102.0  | 103.0 | 107.0 | 103.0 | 105.0 | 91.3  | 96.6  | 89.0  | 75.2 | 84.2  | 77.5 | 64.8 | 69.5  | 56.8 |     |        |     | 98.1  | 100.0 | 104.0 | 99.6  | 102.0 | 86.6 | 91.5  | 84.5 | 71.4 | 79.7 | 73.3  | 61.7 | 54.2 |
| 110                                                                                  | 95.7   | 96.8  | 101.0 | 97.1  | 98.6  | 90.0  | 94.4  | 87.2  | 74.0 | 82.3  | 75.9 | 63.7 | 68.0  | 55.7 |     |        |     | 91.9  | 93.9  | 97.2  | 93.4  | 95.9  | 85.2 | 89.7  | 82.9 | 70.3 | 78.0 | 71.8  | 60.7 | 53.2 |
| 115                                                                                  | 89.7   | 90.8  | 94.3  | 91.3  | 92.8  | 88.7  | 91.7  | 85.5  | 72.8 | 80.5  | 74.4 | 62.6 | 66.5  | 54.7 |     |        |     | 86.1  | 88.2  | 91.2  | 87.8  | 90.2  | 84.1 | 87.5  | 81.3 | 69.2 | 76.3 | 70.3  | 59.7 | 52.3 |
| 120                                                                                  | 83.8   | 84.7  | 87.9  | 85.8  | 87.1  | 87.2  | 86.7  | 83.8  | 71.7 | 78.8  | 72.9 | 61.6 | 65.1  | 53.7 |     |        |     | 80.8  | 82.8  | 85.6  | 82.5  | 84.9  | 82.9 | 83.2  | 79.8 | 68.1 | 74.7 | 69.0  | 58.7 | 51.4 |
| 125                                                                                  | 78.2   | 79.0  | 82.0  | 80.3  | 81.6  | 84.5  | 81.6  | 81.9  | 70.6 | 77.2  | 71.5 | 60.7 | 63.7  | 52.8 |     |        |     | 75.7  | 77.4  | 79.9  | 77.6  | 79.8  | 81.4 | 78.5  | 78.1 | 67.1 | 73.2 | 67.7  | 57.8 | 50.5 |
| 130                                                                                  | 73.1   | 74.0  | 76.7  | 75.0  | 76.3  | 80.0  | 76.5  | 78.1  | 69.5 | 75.2  | 70.1 | 59.7 | 62.4  | 51.9 |     |        |     | 70.6  | 72.2  | 74.5  | 72.8  | 74.8  | 77.9 | 74.0  | 75.2 | 66.2 | 71.7 | 66.4  | 56.8 | 49.7 |
| 135                                                                                  | 68.3   | 69.1  | 71.8  | 70.3  | 71.4  | 75.0  | 71.7  | 73.2  | 68.5 | 72.1  | 68.8 | 58.8 | 61.1  | 51.0 |     |        |     | 66.1  | 67.5  | 69.6  | 68.0  | 70.0  | 73.1 | 69.5  | 71.1 | 65.2 | 69.4 | 65.2  | 55.9 | 48.8 |
| 140                                                                                  | 64.0   | 64.7  | 67.3  | 66.0  | 67.0  | 70.3  | 67.3  | 68.7  | 67.6 | 67.7  | 67.5 | 57.9 | 60.0  | 50.2 |     |        |     | 61.5  | 63.2  | 65.1  | 63.6  | 65.5  | 68.4 | 65.1  | 66.6 | 64.3 | 65.5 | 64.1  | 55.1 | 48.0 |
| 145                                                                                  | 59.8   | 60.6  | 63.1  | 61.8  | 62.9  | 66.0  | 63.2  | 64.5  | 66.7 | 63.6  | 64.8 | 57.0 | 58.8  | 49.4 |     |        |     | 57.6  | 59.0  | 61.1  | 59.7  | 61.3  | 64.1 | 61.0  | 62.4 | 63.5 | 61.5 | 62.4  | 54.2 | 47.3 |
| 150                                                                                  | 56.1   | 56.8  | 59.2  | 58.1  | 58.9  | 62.1  | 59.5  | 60.6  | 64.2 | 59.8  | 61.4 | 56.2 | 57.6  | 48.6 |     |        |     | 53.8  | 55.3  | 57.0  | 55.9  | 57.7  | 60.1 | 57.2  | 58.5 | 62.0 | 57.7 | 59.4  | 53.4 | 46.5 |
| 155                                                                                  | 52.5   | 53.2  | 55.5  | 54.4  | 55.5  | 58.4  | 55.8  | 57.1  | 60.7 | 56.4  | 57.8 | 55.4 | 56.3  | 47.9 |     |        |     | 50.3  | 51.6  | 53.5  | 52.3  | 54.0  | 56.4 | 53.8  | 55.0 | 58.9 | 54.2 | 55.8  | 52.7 | 45.8 |
| 160                                                                                  | 49.3   | 49.9  | 52.1  | 51.2  | 52.0  | 54.9  | 52.6  | 53.6  | 57.2 | 53.1  | 54.4 | 54.5 | 54.8  | 47.2 |     |        |     | 47.0  | 48.4  | 50.0  | 49.0  | 50.7  | 53.1 | 50.5  | 51.7 | 55.4 | 50.9 | 52.4  | 52.0 | 45.2 |
| 165                                                                                  | 46.2   | 46.8  | 48.9  | 48.0  | 49.0  | 51.7  | 49.4  | 50.6  | 54.0 | 49.9  | 51.4 | 53.4 | 51.9  | 46.5 |     |        |     | 44.0  | 45.2  | 46.9  | 45.9  | 47.5  | 49.7 | 47.3  | 48.5 | 52.1 | 47.9 | 49.2  | 51.2 | 44.5 |
| 170                                                                                  | 43.4   | 43.9  | 45.9  | 45.2  | 45.9  | 48.6  | 46.5  | 47.5  | 50.9 | 47.1  | 48.3 | 51.8 | 49.0  | 45.7 |     |        |     | 41.1  | 42.4  | 43.9  | 43.0  | 44.6  | 46.7 | 44.5  | 45.5 | 49.0 | 44.9 | 46.4  | 50.0 | 43.9 |
| 175                                                                                  | 40.7   | 41.1  | 43.2  | 42.4  | 43.2  | 45.8  | 43.8  | 44.8  | 48.0 | 44.3  | 45.6 | 49.3 | 46.3  | 44.9 |     |        |     | 38.4  | 39.6  | 41.2  | 40.2  | 41.8  | 43.8 | 41.6  | 42.8 | 46.2 | 42.2 | 43.6  | 47.5 | 44.3 |
| 180                                                                                  | 38.1   | 38.7  | 40.5  | 39.9  | 40.5  | 43.0  | 41.2  | 42.2  | 45.3 | 41.8  | 42.9 | 46.7 | 43.6  | 44.0 |     |        |     | 35.9  | 37.1  | 38.5  | 37.8  | 39.2  | 41.2 | 39.1  | 40.1 | 43.4 | 39.7 | 40.9  | 44.8 | 41.7 |
| 185                                                                                  | 35.8   | 36.2  | 38.0  | 37.4  | 38.2  | 40.5  | 38.8  | 39.7  | 42.6 | 39.3  | 40.5 | 44.0 | 41.2  | 43.1 |     |        |     | 33.5  | 34.7  | 36.0  | 35.3  | 36.8  | 38.6 | 36.7  | 37.7 | 40.9 | 37.2 | 38.5  | 42.3 | 41.4 |
| 190                                                                                  | 33.5   | 34.0  | 35.6  | 35.2  | 35.8  | 38.1  | 36.4  | 37.4  | 40.2 | 37.0  | 38.2 | 41.6 | 38.8  | 41.3 |     |        |     | 31.3  | 32.5  | 33.6  | 33.1  | 34.4  | 36.2 | 34.4  | 35.3 | 38.4 | 35.0 | 36.1  | 39.9 | 40.0 |
| 195                                                                                  | 31.4   | 31.8  | 33.5  | 33.0  | 33.7  | 35.8  | 34.3  | 35.1  | 37.9 | 34.9  | 35.9 | 39.2 | 36.7  | 39.6 |     |        |     | 29.2  | 30.2  | 31.5  | 30.9  | 32.3  | 34.0 | 32.2  | 33.1 | 36.1 | 32.8 | 34.0  | 37.5 | 38.1 |
| 200                                                                                  | 29.4   | 29.8  | 31.4  | 31.0  | 31.6  | 33.7  | 32.2  | 33.1  | 35.7 | 32.8  | 33.9 | 37.1 | 34.6  | 37.6 |     |        |     | 27.2  | 28.3  | 29.3  | 28.9  | 30.1  | 31.8 | 30.2  | 31.1 | 33.9 | 30.8 | 31.8  | 35.3 | 35.9 |
| 205                                                                                  | 27.5   | 27.9  | 29.4  | 29.0  | 29.6  | 31.6  | 30.3  | 31.0  | 33.6 | 30.9  | 31.8 | 35.0 | 32.6  | 35.5 |     |        |     | 25.3  | 26.3  | 27.4  | 26.9  | 28.2  | 29.8 | 28.3  | 29.1 | 31.8 | 28.8 | 29.9  | 33.2 | 33.7 |
| 210                                                                                  | 25.7   | 26.0  | 27.5  | 27.2  | 27.7  | 29.7  | 28.4  | 29.2  | 31.7 | 29.0  | 30.0 | 33.0 | 30.7  | 33.5 |     |        |     | 23.5  | 24.5  | 25.5  | 25.1  | 26.3  | 27.8 | 26.4  | 27.2 | 29.9 | 27.0 | 28.0  | 31.3 | 31.8 |
| 215                                                                                  | 24.0   | 24.3  | 25.7  | 25.4  | 26.0  | 27.8  | 26.7  | 27.4  | 29.7 | 27.3  | 28.1 | 31.1 | 28.8  | 31.6 |     |        |     | 21.9  | 22.8  | 23.7  | 23.4  | 24.6  | 26.0 | 24.7  | 25.4 | 28.0 | 25.2 | 26.2  | 29.3 | 29.9 |
| 220                                                                                  | 22.4   | 22.7  | 24.0  | 23.8  | 24.3  | 26.1  | 25.0  | 25.7  | 28.0 | 25.6  | 26.5 | 29.3 | 27.2  | 29.8 |     |        |     | 20.4  | 21.3  | 22.1  | 21.8  | 22.8  | 24.2 | 22.9  | 23.7 | 26.2 | 23.5 | 24.5  | 27.5 | 28.1 |
| 225                                                                                  | 21.0   | 21.3  | 22.4  | 22.3  | 22.7  | 24.4  | 23.4  | 24.0  | 26.2 | 24.0  | 24.8 | 27.6 | 25.6  | 28.1 |     |        |     | 19.2  | 19.9  | 20.7  | 20.4  | 21.5  | 22.6 | 21.6  | 22.1 | 24.5 | 22.1 | 22.8  | 25.8 | 26.4 |
| 230                                                                                  | 19.7   | 20.0  | 21.0  | 21.0  | 21.3  | 22.8  | 21.9  | 22.6  | 24.6 | 22.5  | 23.3 | 25.9 | 24.1  | 26.4 |     |        |     | 17.9  | 18.7  | 19.3  | 19.2  | 20.1  | 21.1 | 20.2  | 20.8 | 22.9 | 20.7 | 21.5  | 24.2 | 24.7 |
| 235                                                                                  | 18.6   | 18.8  | 19.7  | 19.7  | 20.1  | 21.4  | 20.7  | 21.2  | 23.1 | 21.2  | 21.9 | 24.4 | 22.6  | 24.9 |     |        |     | 16.7  | 17.4  | 18.1  | 18.0  | 18.9  | 19.8 | 19.0  | 19.5 | 21.4 | 19.5 | 20.2  | 22.7 | 23.2 |
| 240                                                                                  | 17.4   | 17.6  | 18.5  | 18.6  | 18.9  | 20.2  | 19.5  | 20.0  | 21.7 | 20.0  | 20.7 | 22.9 | 21.3  | 23.4 |     |        |     | 15.6  | 16.3  | 16.9  | 16.8  | 17.7  | 18.6 | 17.8  | 18.3 | 20.2 | 18.3 | 19.0  | 21.2 | 21.7 |
| 245                                                                                  | 16.3   | 16.5  | 17.4  | 17.5  | 17.8  | 19.0  | 18.4  | 18.9  | 20.4 | 18.9  | 19.5 | 21.6 | 20.1  | 22.0 |     |        |     | 14.5  | 15.2  | 15.7  | 15.7  | 16.6  | 17.4 | 16.7  | 17.2 | 18.9 | 17.2 | 17.8  | 20.0 | 20.5 |
| 250                                                                                  | 15.3   | 15.5  | 16.3  | 16.4  | 16.7  | 17.8  | 17.3  | 17.7  | 19.3 | 17.8  | 18.4 | 20.3 | 19.0  | 20.8 |     |        |     | 13.5  | 14.1  | 14.6  | 14.6  | 15.5  | 16.3 | 15.6  | 16.1 |      |      |       |      |      |



22,050 lb/88,200 lb

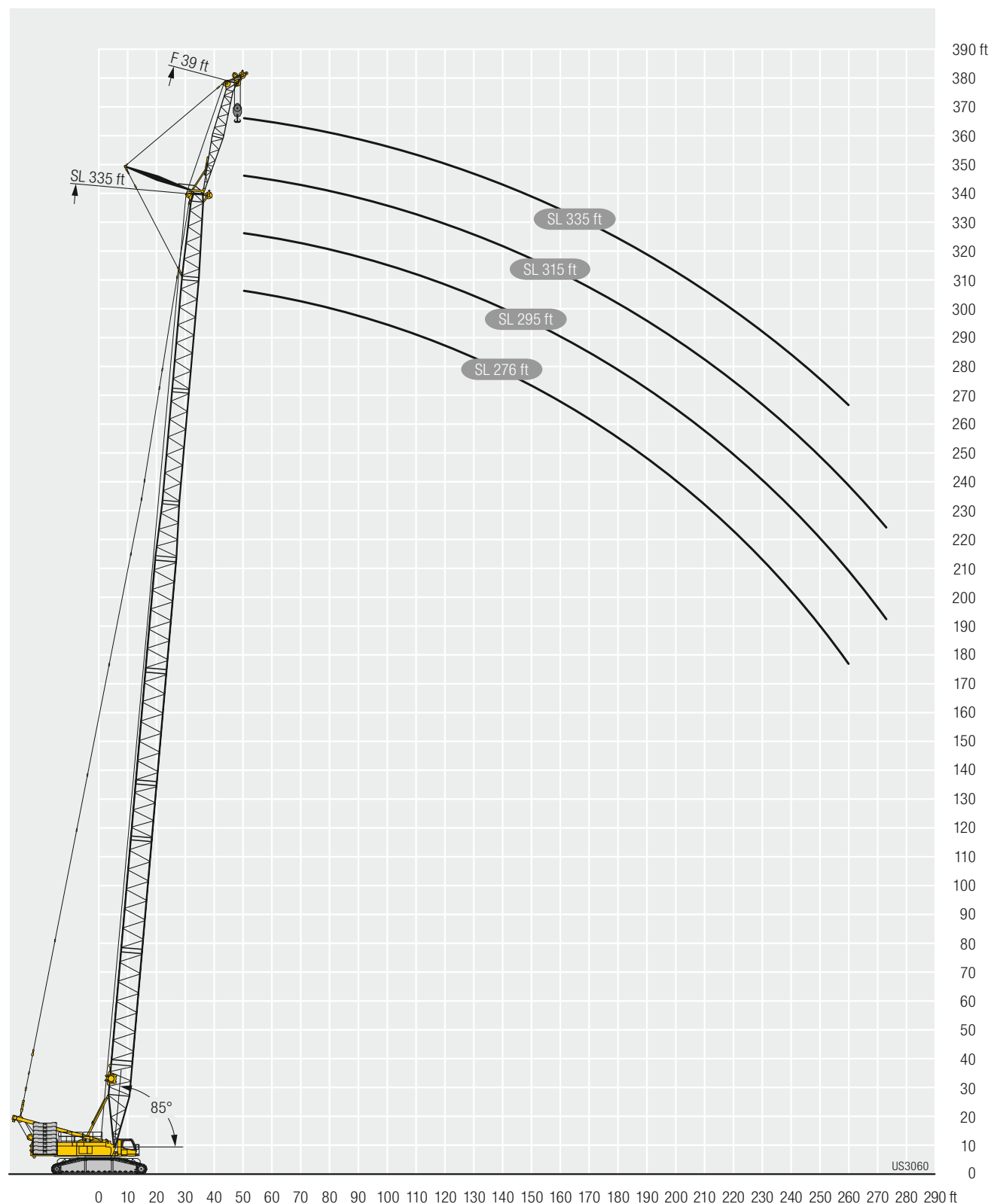


110,250 lb - 374,800 lb

| ft  | SL 315 |       |       |       |       |      |       |      |      |      |      |      | SL 335 |       |       |
|-----|--------|-------|-------|-------|-------|------|-------|------|------|------|------|------|--------|-------|-------|
|     | F 39   |       |       | F 59  |       |      | F 79  |      |      | F 98 |      |      | F 39   |       |       |
|     | 10°    | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°  | 30°  | 10°  | 15°  | 30°  | 10°    | 15°   | 30°   |
| 55  | 155,0  | 146,0 |       |       |       |      |       |      |      |      |      |      | 140,0  |       |       |
| 60  | 152,0  | 143,0 |       | 124,0 |       |      |       |      |      |      |      |      | 137,0  | 130,0 |       |
| 65  | 149,0  | 141,0 | 120,0 | 121,0 | 112,0 |      | 103,0 |      |      |      |      |      | 134,0  | 127,0 | 112,0 |
| 70  | 146,0  | 139,0 | 118,0 | 118,0 | 110,0 |      | 100,0 |      |      | 88,2 |      |      | 131,0  | 125,0 | 110,0 |
| 75  | 143,0  | 136,0 | 117,0 | 116,0 | 107,0 | 90,6 | 98,1  | 90,0 |      | 86,1 |      |      | 129,0  | 123,0 | 108,0 |
| 80  | 135,0  | 133,0 | 115,0 | 114,0 | 105,0 | 89,1 | 95,9  | 88,1 |      | 84,1 | 77,2 |      | 125,0  | 120,0 | 107,0 |
| 85  | 125,0  | 126,0 | 113,0 | 112,0 | 103,0 | 87,5 | 93,8  | 86,3 |      | 82,2 | 75,6 |      | 119,0  | 117,0 | 105,0 |
| 90  | 116,0  | 118,0 | 112,0 | 110,0 | 101,0 | 86,1 | 91,8  | 84,6 | 71,4 | 80,3 | 74,0 |      | 112,0  | 113,0 | 104,0 |
| 95  | 108,0  | 110,0 | 110,0 | 107,0 | 99,5  | 84,7 | 90,1  | 82,9 | 70,2 | 78,5 | 72,5 |      | 104,0  | 106,0 | 102,0 |
| 100 | 101,0  | 103,0 | 106,0 | 102,0 | 97,7  | 83,4 | 88,3  | 81,4 | 69,0 | 76,9 | 71,0 | 59,2 | 97,0   | 98,6  | 100,0 |
| 105 | 94,5   | 95,8  | 99,5  | 95,2  | 95,1  | 82,2 | 86,5  | 79,9 | 67,8 | 75,3 | 69,6 | 58,2 | 90,5   | 92,0  | 96,6  |
| 110 | 88,4   | 89,6  | 93,1  | 89,2  | 90,9  | 80,9 | 84,9  | 78,4 | 66,7 | 73,7 | 68,3 | 57,2 | 84,6   | 85,9  | 90,4  |
| 115 | 82,8   | 84,0  | 87,2  | 83,7  | 85,3  | 79,7 | 82,7  | 77,1 | 65,7 | 72,2 | 67,0 | 56,3 | 79,1   | 80,3  | 84,7  |
| 120 | 77,6   | 78,8  | 81,8  | 78,5  | 80,1  | 78,6 | 79,5  | 75,7 | 64,7 | 70,8 | 65,7 | 55,4 | 74,0   | 75,2  | 79,3  |
| 125 | 72,7   | 73,9  | 76,7  | 73,7  | 75,2  | 77,6 | 74,7  | 74,4 | 63,7 | 69,5 | 64,6 | 54,6 | 69,2   | 70,4  | 74,4  |
| 130 | 68,3   | 69,2  | 71,9  | 69,2  | 70,7  | 74,8 | 70,4  | 71,7 | 62,8 | 68,0 | 63,4 | 53,8 | 64,8   | 66,0  | 69,7  |
| 135 | 63,7   | 64,6  | 67,0  | 65,1  | 66,4  | 70,6 | 66,2  | 68,0 | 62,0 | 65,5 | 62,4 | 53,0 | 60,8   | 61,8  | 65,4  |
| 140 | 59,5   | 60,2  | 62,5  | 60,9  | 62,1  | 66,0 | 62,3  | 63,9 | 61,2 | 62,3 | 61,3 | 52,2 | 56,8   | 57,8  | 61,0  |
| 145 | 55,4   | 56,3  | 58,3  | 56,8  | 58,0  | 61,7 | 58,3  | 59,9 | 60,4 | 58,7 | 60,4 | 51,5 | 52,9   | 53,8  | 56,8  |
| 150 | 51,6   | 52,4  | 54,5  | 53,1  | 54,2  | 57,7 | 54,6  | 56,0 | 59,7 | 55,1 | 57,5 | 50,8 | 49,3   | 50,2  | 53,0  |
| 155 | 48,2   | 49,0  | 50,9  | 49,6  | 50,7  | 54,0 | 51,0  | 52,4 | 56,7 | 51,6 | 54,1 | 50,1 | 45,7   | 46,6  | 49,4  |
| 160 | 44,8   | 45,6  | 47,5  | 46,2  | 47,4  | 50,6 | 47,8  | 49,1 | 53,2 | 48,3 | 50,7 | 49,4 | 42,6   | 43,3  | 46,1  |
| 165 | 41,9   | 42,6  | 44,4  | 43,2  | 44,1  | 47,4 | 44,8  | 46,0 | 49,9 | 45,2 | 47,6 | 48,8 | 39,5   | 40,3  | 42,8  |
| 170 | 38,9   | 39,7  | 41,3  | 40,3  | 41,3  | 44,4 | 41,7  | 43,1 | 46,8 | 42,4 | 44,6 | 47,7 | 36,7   | 37,3  | 40,0  |
| 175 | 36,4   | 36,9  | 38,6  | 37,6  | 38,5  | 41,4 | 39,1  | 40,2 | 43,9 | 39,7 | 41,9 | 45,4 | 34,0   | 34,7  | 37,1  |
| 180 | 33,8   | 34,4  | 35,9  | 35,1  | 35,9  | 38,8 | 36,5  | 37,7 | 41,2 | 37,0 | 39,4 | 42,7 | 31,4   | 32,1  | 34,5  |
| 185 | 31,4   | 32,0  | 33,5  | 32,6  | 33,5  | 36,2 | 34,1  | 35,2 | 38,6 | 34,7 | 36,8 | 40,1 | 29,1   | 29,7  | 32,1  |
| 190 | 29,2   | 29,8  | 31,1  | 30,4  | 31,2  | 33,9 | 31,8  | 32,8 | 36,2 | 32,4 | 34,5 | 37,7 | 26,8   | 27,5  | 29,7  |
| 195 | 27,1   | 27,5  | 28,9  | 28,2  | 29,0  | 31,5 | 29,6  | 30,7 | 33,9 | 30,2 | 32,3 | 35,4 | 24,8   | 25,3  | 27,5  |
| 200 | 25,1   | 25,6  | 26,8  | 26,2  | 26,9  | 29,4 | 27,6  | 28,5 | 31,6 | 28,2 | 30,2 | 33,1 | 22,8   | 23,4  | 25,4  |
| 205 | 23,2   | 23,6  | 24,8  | 24,3  | 25,0  | 27,4 | 25,7  | 26,6 | 29,6 | 26,2 | 28,2 | 31,1 | 21,1   | 21,5  | 23,5  |
| 210 | 21,6   | 22,0  | 22,9  | 22,6  | 23,1  | 25,4 | 23,9  | 24,7 | 27,6 | 24,5 | 26,3 | 29,1 | 19,6   | 20,0  | 21,6  |
| 215 | 20,0   | 20,4  | 21,4  | 21,0  | 21,6  | 23,6 | 22,2  | 23,0 | 25,7 | 22,7 | 24,6 | 27,1 | 18,1   | 18,5  | 20,1  |
| 220 | 18,7   | 19,0  | 19,9  | 19,6  | 20,0  | 21,9 | 20,7  | 21,5 | 23,9 | 21,2 | 22,9 | 25,4 | 16,7   | 17,1  | 18,6  |
| 225 | 17,3   | 17,7  | 18,5  | 18,2  | 18,7  | 20,5 | 19,3  | 20,0 | 22,3 | 19,9 | 21,3 | 23,6 | 15,4   | 15,8  | 17,3  |
| 230 | 16,1   | 16,4  | 17,2  | 16,9  | 17,4  | 19,1 | 18,0  | 18,7 | 20,9 | 18,5 | 20,0 | 22,1 | 14,2   | 14,5  | 16,0  |
| 235 | 14,9   | 15,2  | 15,9  | 15,7  | 16,2  | 17,8 | 16,8  | 17,4 | 19,5 | 17,4 | 18,7 | 20,7 | 13,0   | 13,3  | 14,7  |
| 240 | 13,7   | 14,0  | 14,7  | 14,6  | 15,0  | 16,6 | 15,6  | 16,2 | 18,3 | 16,2 | 17,6 | 19,4 | 11,9   | 12,2  | 13,5  |
| 245 | 12,7   | 12,9  | 13,6  | 13,5  | 13,9  | 15,4 | 14,5  | 15,1 | 17,0 | 15,0 | 16,4 | 18,2 | 10,7   | 11,1  | 12,3  |
| 250 | 11,6   | 11,9  | 12,5  | 12,4  | 12,8  | 14,3 | 13,4  | 14,0 | 15,9 | 14,0 | 15,3 | 17,0 | 9,6    | 9,9   | 11,2  |
| 255 | 10,6   | 10,8  | 11,4  | 11,4  | 11,7  | 13,2 | 12,4  | 12,9 | 14,7 | 12,9 | 14,2 | 15,9 | 8,4    | 8,7   | 10,2  |
| 260 | 9,6    | 9,8   | 10,4  | 10,4  | 10,7  | 12,1 | 11,4  | 11,9 | 13,7 | 12,0 | 13,2 | 14,8 | 7,2    | 7,6   | 9,1   |
| 265 | 8,4    | 8,7   | 9,4   | 9,5   | 9,8   | 11,1 | 10,5  | 10,9 | 12,6 | 11,0 | 12,2 | 13,8 | 6,1    | 6,4   | 8,0   |
| 270 | 7,3    | 7,5   | 8,2   | 8,5   | 8,9   | 10,1 | 9,6   | 10,0 | 11,7 | 10,1 | 11,3 | 12,7 |        |       | 6,8   |
| 275 | 6,2    | 6,5   | 7,1   | 7,4   | 7,8   | 9,2  | 8,6   | 9,1  | 10,7 | 9,2  | 10,4 | 11,8 |        |       | 5,7   |
| 280 |        |       | 6,0   | 6,4   | 6,7   | 8,1  | 7,7   | 8,2  | 9,8  | 8,3  | 9,5  | 10,8 |        |       |       |
| 285 |        |       |       |       | 5,7   | 7,1  | 6,7   | 7,2  | 8,9  | 7,3  | 8,6  | 10,0 |        |       |       |
| 290 |        |       |       |       |       | 6,0  | 5,7   | 6,2  | 7,9  | 6,4  | 7,8  | 9,1  |        |       |       |
| 295 |        |       |       |       |       |      |       |      | 7,0  |      | 6,9  | 8,2  |        |       |       |
| 300 |        |       |       |       |       |      |       |      | 5,9  |      | 5,9  | 7,4  |        |       |       |
| 305 |        |       |       |       |       |      |       |      |      |      |      | 6,5  |        |       |       |
| 310 |        |       |       |       |       |      |       |      |      |      |      | 5,5  |        |       |       |

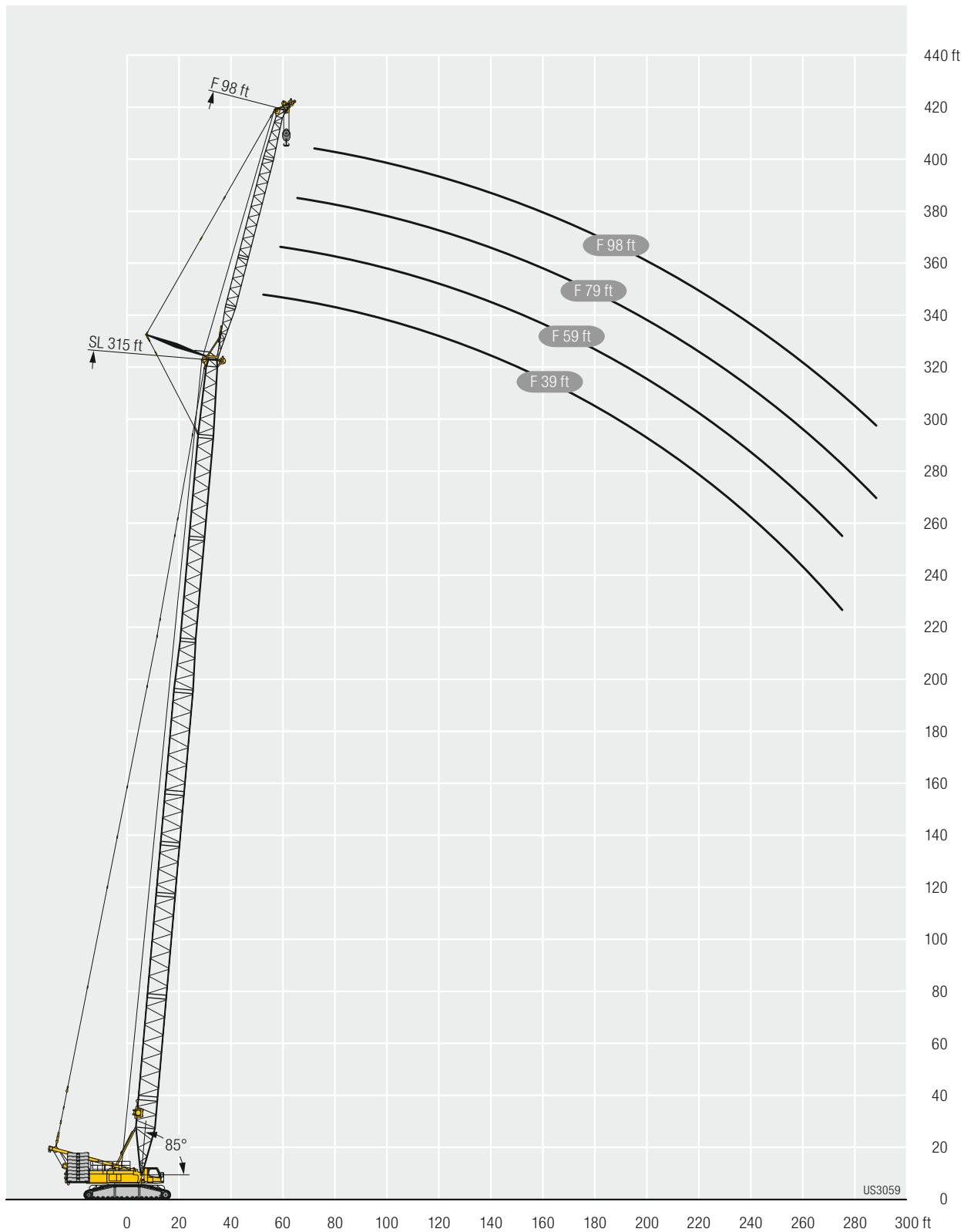
# Lifting heights Hauteurs de levage

**SLF**



# Lifting heights Hauteurs de levage

SLF





22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 177 |      |      |      |      |      |      |      |      |      |      |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |      |      | F 59 |      |      | F 79 |      |      | F 98 |      |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°  | 30°  | 10°  | 15°  | 30°  | 10°  | 15°  | 30°  | 10°  | 15°  | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 36                                                                                   | 271     |      |      |      |      |      |      |      |      |      |      |      |       |      |       |      | 36                                                                                     |
| 38                                                                                   | 271     |      |      |      |      |      |      |      |      |      |      |      |       |      |       |      | 38                                                                                     |
| 40                                                                                   | 271     | 269  |      |      |      |      |      |      |      |      |      |      |       |      |       |      | 40                                                                                     |
| 45                                                                                   | 271     | 257  |      | 231  |      |      |      |      |      |      |      |      |       |      |       |      | 45                                                                                     |
| 50                                                                                   | 271     | 246  | 152  | 221  | 184  |      | 184  |      |      |      |      |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 261     | 235  | 147  | 210  | 176  |      | 176  |      |      | 155  |      |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 238     | 225  | 143  | 200  | 169  | 113  | 167  | 143  |      | 149  |      |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 218     | 215  | 140  | 191  | 163  | 110  | 160  | 137  |      | 143  | 119  |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 201     | 202  | 136  | 183  | 157  | 107  | 153  | 132  | 90.9 | 136  | 118  |      | 109   |      | 97    |      | 70                                                                                     |
| 75                                                                                   | 185     | 187  | 133  | 176  | 151  | 104  | 146  | 127  | 88.6 | 131  | 114  |      | 105   |      | 94    |      | 75                                                                                     |
| 80                                                                                   | 172     | 173  | 130  | 168  | 146  | 101  | 140  | 123  | 86.2 | 125  | 110  |      | 101   |      | 91.2  |      | 80                                                                                     |
| 85                                                                                   | 159     | 160  | 127  | 159  | 141  | 98.6 | 135  | 118  | 83.7 | 120  | 106  | 76.1 | 96.9  |      | 88.4  |      | 85                                                                                     |
| 90                                                                                   | 146     | 147  | 124  | 148  | 137  | 96.3 | 130  | 114  | 81.7 | 115  | 102  | 73.9 | 93.3  | 68   | 85.8  |      | 90                                                                                     |
| 95                                                                                   | 136     | 137  | 121  | 137  | 132  | 94.1 | 125  | 110  | 79.7 | 111  | 98.5 | 71.8 | 89.7  | 66   | 83.3  | 62   | 95                                                                                     |
| 100                                                                                  | 126     | 127  | 119  | 128  | 128  | 92   | 121  | 107  | 77.8 | 107  | 95.2 | 70   | 86.7  | 64.1 | 80.3  | 60.1 | 100                                                                                    |
| 105                                                                                  | 118     | 118  | 116  | 119  | 121  | 90   | 117  | 104  | 75.8 | 103  | 92.2 | 68.2 | 83.7  | 62.3 | 77.2  | 58.4 | 105                                                                                    |
| 110                                                                                  | 110     | 111  | 112  | 112  | 113  | 88.3 | 112  | 101  | 74.2 | 99.5 | 89.3 | 66.6 | 80.9  | 60.6 | 74.2  | 56.7 | 110                                                                                    |
| 115                                                                                  | 103     | 104  | 107  | 105  | 106  | 86.5 | 106  | 97.8 | 72.6 | 96.1 | 86.6 | 65   | 78.2  | 59   | 71.8  | 55.1 | 115                                                                                    |
| 120                                                                                  | 96.8    | 97.3 | 100  | 98.3 | 99.4 | 84.8 | 99.1 | 95.1 | 71.1 | 92.8 | 84   | 63.4 | 75.6  | 57.6 | 69.6  | 53.4 | 120                                                                                    |
| 125                                                                                  | 91.1    | 91.6 | 94.2 | 92.5 | 93.7 | 83.2 | 93.3 | 92.3 | 69.6 | 89.8 | 81.4 | 61.9 | 73.3  | 56.2 | 67.5  | 52   | 125                                                                                    |
| 130                                                                                  | 85.8    | 86.3 | 88.8 | 87.1 | 88.4 | 81.7 | 88.1 | 88.8 | 68.1 | 86.8 | 79.2 | 60.5 | 71.1  | 54.9 | 65.5  | 50.7 | 130                                                                                    |
| 135                                                                                  | 80.9    | 81.5 | 83.9 | 82.3 | 83.4 | 80.3 | 83.1 | 84.6 | 66.7 | 83.6 | 77   | 59.3 | 69    | 53.6 | 63.5  | 49.3 | 135                                                                                    |
| 140                                                                                  | 76.5    | 77   | 79.3 | 77.9 | 78.9 | 79   | 78.7 | 80   | 65.4 | 79.5 | 75   | 58.1 | 67    | 52.3 | 61.6  | 48.1 | 140                                                                                    |
| 145                                                                                  | 72.4    | 72.8 | 75   | 73.7 | 74.7 | 76.5 | 74.6 | 75.8 | 64.3 | 75.3 | 73   | 56.9 | 65.1  | 51.1 | 59.7  | 46.8 | 145                                                                                    |
| 150                                                                                  | 68.6    | 69   | 71   | 69.8 | 70.8 | 73.1 | 70.6 | 71.9 | 63.2 | 71.5 | 71.1 | 55.7 | 63.3  | 49.9 | 58    | 45.7 | 150                                                                                    |
| 155                                                                                  | 65.1    | 65.4 | 67.3 | 66.3 | 67.2 | 69.3 | 67.1 | 68.2 | 62.1 | 67.9 | 68.6 | 54.6 | 61.6  | 48.7 | 56.3  | 44.6 | 155                                                                                    |
| 160                                                                                  | 61.8    | 62.1 | 63.9 | 63   | 63.8 | 65.9 | 63.8 | 64.9 | 61.1 | 64.5 | 65.9 | 53.5 | 60    | 47.6 | 54.7  | 43.5 | 160                                                                                    |
| 165                                                                                  | 58.7    | 59   | 60.7 | 59.8 | 60.7 | 62.6 | 60.6 | 61.7 | 60.2 | 61.5 | 62.7 | 52.5 | 58.6  | 46.6 | 53.2  | 42.6 | 165                                                                                    |
| 170                                                                                  | 55.8    | 56.1 | 57.7 | 56.9 | 57.7 | 59.6 | 57.7 | 58.7 | 59   | 58.5 | 59.8 | 51.7 | 57.2  | 45.7 | 51.8  | 41.7 | 170                                                                                    |
| 175                                                                                  | 53.1    | 53.3 | 54.9 | 54.2 | 55   | 56.7 | 55   | 55.9 | 57.3 | 55.7 | 57   | 50.8 | 55.9  | 44.8 | 50.4  | 40.8 | 175                                                                                    |
| 180                                                                                  | 50.6    | 50.8 | 52.2 | 51.6 | 52.4 | 54   | 52.4 | 53.3 | 55.1 | 53.2 | 54.3 | 49.9 | 54    | 44   | 49.2  | 39.9 | 180                                                                                    |
| 185                                                                                  |         |      | 49.7 | 49.2 | 49.9 | 51.4 | 49.9 | 50.9 | 52.5 | 50.7 | 51.9 | 49.1 | 51.7  | 43.1 | 48    | 39.1 | 185                                                                                    |
| 190                                                                                  |         |      |      | 46.9 | 47.6 | 49   | 47.6 | 48.5 | 50   | 48.4 | 49.5 | 48.4 | 49.4  | 42.4 | 46.8  | 38.3 | 190                                                                                    |
| 195                                                                                  |         |      |      | 44.8 | 45.4 | 46.7 | 45.5 | 46.3 | 47.8 | 46.3 | 47.3 | 47.7 | 47.2  | 41.7 | 45.7  | 37.5 | 195                                                                                    |
| 200                                                                                  |         |      |      | 42.7 | 43.3 | 44.5 | 43.4 | 44.2 | 45.6 | 44.2 | 45.2 | 46.9 | 45.1  | 41   | 44.7  | 36.8 | 200                                                                                    |
| 205                                                                                  |         |      |      |      |      | 42.4 | 41.5 | 42.2 | 43.5 | 42.3 | 43.2 | 45   | 43.2  | 40.3 | 43.4  | 36.1 | 205                                                                                    |
| 210                                                                                  |         |      |      |      |      |      | 39.6 | 40.3 | 41.5 | 40.4 | 41.3 | 43   | 41.3  | 39.7 | 41.6  | 35.4 | 210                                                                                    |
| 215                                                                                  |         |      |      |      |      |      | 37.9 | 38.5 | 39.6 | 38.7 | 39.6 | 41.1 | 39.5  | 39   | 39.9  | 34.8 | 215                                                                                    |
| 220                                                                                  |         |      |      |      |      |      |      | 36.8 | 37.8 | 37   | 37.9 | 39.3 | 37.8  | 38.5 | 38.2  | 34.2 | 220                                                                                    |
| 225                                                                                  |         |      |      |      |      |      |      |      | 36.1 | 35.4 | 36.2 | 37.6 | 36.2  | 37.6 | 36.6  | 33.6 | 225                                                                                    |
| 230                                                                                  |         |      |      |      |      |      |      |      |      | 33.9 | 34.6 | 35.9 | 34.6  | 36.3 | 35    | 33   | 230                                                                                    |
| 235                                                                                  |         |      |      |      |      |      |      |      |      | 32.5 | 33.2 | 34.3 | 33.2  | 34.8 | 33.5  | 32.5 | 235                                                                                    |
| 240                                                                                  |         |      |      |      |      |      |      |      |      | 31.1 | 31.7 | 32.8 | 31.8  | 33.3 | 32.2  | 31.9 | 240                                                                                    |
| 245                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      | 30.4  | 31.8 | 30.8  | 31.4 | 245                                                                                    |
| 250                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      | 29.1  | 30.5 | 29.5  | 30.8 | 250                                                                                    |
| 255                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      | 27.9  | 29.1 | 28.3  | 29.9 | 255                                                                                    |
| 260                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       | 27.8 | 27.1  | 28.7 | 260                                                                                    |
| 265                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       |      | 26    | 27.5 | 265                                                                                    |
| 270                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       |      | 24.9  | 26.3 | 270                                                                                    |
| 275                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       |      | 23.8  | 25.2 | 275                                                                                    |
| 280                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       |      |       | 24.1 | 280                                                                                    |





22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 197 |      |      |      |      |      |      |      |      |      |      |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |      |      | F 59 |      |      | F 79 |      |      | F 98 |      |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°  | 30°  | 10°  | 15°  | 30°  | 10°  | 15°  | 30°  | 10°  | 15°  | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 38                                                                                   | 271     |      |      |      |      |      |      |      |      |      |      |      |       |      |       |      | 38                                                                                     |
| 40                                                                                   | 271     |      |      |      |      |      |      |      |      |      |      |      |       |      |       |      | 40                                                                                     |
| 45                                                                                   | 271     | 259  |      | 127  |      |      |      |      |      |      |      |      |       |      |       |      | 45                                                                                     |
| 50                                                                                   | 271     | 248  | 152  | 222  | 116  |      |      |      |      |      |      |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 253     | 238  | 149  | 212  | 177  |      | 177  |      |      | 157  |      |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 230     | 229  | 145  | 203  | 171  |      | 169  | 143  |      | 151  |      |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 210     | 212  | 141  | 195  | 165  | 111  | 161  | 138  |      | 144  | 119  |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 194     | 195  | 138  | 187  | 159  | 108  | 155  | 133  |      | 138  | 118  |      | 110   |      | 96.4  |      | 70                                                                                     |
| 75                                                                                   | 179     | 180  | 135  | 178  | 154  | 105  | 149  | 128  | 88.7 | 132  | 115  |      | 105   |      | 93.7  |      | 75                                                                                     |
| 80                                                                                   | 166     | 167  | 132  | 166  | 149  | 102  | 143  | 124  | 86.3 | 127  | 111  |      | 101   |      | 91.1  |      | 80                                                                                     |
| 85                                                                                   | 155     | 156  | 129  | 154  | 144  | 100  | 138  | 120  | 84.3 | 122  | 107  | 76.4 | 97.4  |      | 88.6  |      | 85                                                                                     |
| 90                                                                                   | 143     | 145  | 126  | 144  | 140  | 98   | 133  | 116  | 82.3 | 118  | 103  | 74.3 | 94.1  | 68.3 | 86.2  |      | 90                                                                                     |
| 95                                                                                   | 133     | 134  | 124  | 134  | 135  | 95.9 | 128  | 113  | 80.3 | 113  | 99.9 | 72.5 | 90.9  | 66.3 | 83.8  | 62   | 95                                                                                     |
| 100                                                                                  | 123     | 124  | 121  | 125  | 127  | 93.9 | 124  | 109  | 78.4 | 110  | 96.9 | 70.7 | 87.9  | 64.4 | 81.4  | 60.2 | 100                                                                                    |
| 105                                                                                  | 115     | 116  | 118  | 116  | 118  | 92   | 117  | 106  | 76.8 | 106  | 94   | 69.1 | 85.2  | 62.7 | 78.7  | 58.5 | 105                                                                                    |
| 110                                                                                  | 107     | 108  | 111  | 109  | 110  | 90.1 | 110  | 103  | 75.2 | 102  | 91.3 | 67.4 | 82.5  | 61.1 | 75.9  | 57   | 110                                                                                    |
| 115                                                                                  | 100     | 101  | 104  | 102  | 104  | 88.4 | 103  | 100  | 73.6 | 99   | 88.7 | 65.9 | 79.9  | 59.6 | 73.3  | 55.5 | 115                                                                                    |
| 120                                                                                  | 94      | 94.7 | 97.8 | 95.7 | 96.9 | 86.7 | 96.6 | 97.1 | 72   | 95.8 | 86.2 | 64.5 | 77.5  | 58.2 | 71.1  | 54.1 | 120                                                                                    |
| 125                                                                                  | 88.3    | 89   | 92   | 89.8 | 91.3 | 85.1 | 90.8 | 92.5 | 70.6 | 91.5 | 83.8 | 63.1 | 75.1  | 56.8 | 69.1  | 52.7 | 125                                                                                    |
| 130                                                                                  | 83.1    | 83.7 | 86.5 | 84.6 | 85.9 | 83.7 | 85.6 | 87.2 | 69.4 | 86.5 | 81.4 | 61.8 | 72.9  | 55.5 | 67.1  | 51.3 | 130                                                                                    |
| 135                                                                                  | 78.3    | 78.8 | 81.5 | 79.8 | 81   | 82.2 | 80.6 | 82.3 | 68.2 | 81.5 | 79.2 | 60.5 | 70.9  | 54.3 | 65.2  | 50   | 135                                                                                    |
| 140                                                                                  | 73.8    | 74.4 | 77   | 75.2 | 76.5 | 79.1 | 76.2 | 77.6 | 67   | 77.1 | 77.1 | 59.2 | 68.9  | 53   | 63.2  | 48.8 | 140                                                                                    |
| 145                                                                                  | 69.7    | 70.2 | 72.7 | 71.1 | 72.3 | 75   | 72   | 73.5 | 65.7 | 72.9 | 74   | 58   | 67.1  | 51.8 | 61.3  | 47.6 | 145                                                                                    |
| 150                                                                                  | 65.9    | 66.3 | 68.8 | 67.3 | 68.4 | 71   | 68.2 | 69.6 | 64.6 | 69.1 | 70.6 | 56.8 | 65.2  | 50.8 | 59.7  | 46.6 | 150                                                                                    |
| 155                                                                                  | 62.4    | 62.8 | 65.1 | 63.7 | 64.8 | 67.3 | 64.7 | 65.9 | 63.5 | 65.5 | 67.1 | 55.7 | 63.5  | 49.8 | 58    | 45.5 | 155                                                                                    |
| 160                                                                                  | 59.1    | 59.5 | 61.6 | 60.4 | 61.4 | 63.8 | 61.3 | 62.6 | 62.3 | 62.2 | 63.7 | 54.7 | 61.7  | 48.8 | 56.5  | 44.5 | 160                                                                                    |
| 165                                                                                  | 56      | 56.4 | 58.4 | 57.3 | 58.2 | 60.5 | 58.2 | 59.4 | 61   | 59.1 | 60.5 | 53.8 | 59.7  | 47.7 | 55    | 43.5 | 165                                                                                    |
| 170                                                                                  | 53.1    | 53.5 | 55.5 | 54.4 | 55.3 | 57.5 | 55.2 | 56.4 | 58.7 | 56.1 | 57.6 | 52.9 | 57.4  | 46.8 | 53.6  | 42.6 | 170                                                                                    |
| 175                                                                                  | 50.4    | 50.7 | 52.6 | 51.6 | 52.6 | 54.6 | 52.4 | 53.6 | 55.7 | 53.4 | 54.8 | 52   | 54.6  | 45.9 | 52.2  | 41.7 | 175                                                                                    |
| 180                                                                                  | 47.9    | 48.2 | 50   | 49.1 | 49.9 | 51.9 | 49.9 | 51   | 53   | 50.8 | 52.2 | 51.1 | 52    | 45.1 | 50.9  | 40.8 | 180                                                                                    |
| 185                                                                                  | 45.5    | 45.8 | 47.5 | 46.7 | 47.5 | 49.3 | 47.5 | 48.5 | 50.5 | 48.4 | 49.6 | 50.3 | 49.5  | 44.3 | 49.6  | 40   | 185                                                                                    |
| 190                                                                                  | 43.3    | 43.5 | 45.1 | 44.4 | 45.2 | 46.9 | 45.1 | 46.2 | 48   | 46.1 | 47.3 | 49.4 | 47.2  | 43.5 | 47.5  | 39.1 | 190                                                                                    |
| 195                                                                                  | 41.2    | 41.4 | 42.9 | 42.2 | 43   | 44.6 | 43   | 44   | 45.7 | 43.9 | 45.1 | 47.2 | 45    | 42.7 | 45.3  | 38.3 | 195                                                                                    |
| 200                                                                                  |         | 39.3 | 40.7 | 40.2 | 40.9 | 42.5 | 41   | 41.9 | 43.6 | 41.9 | 43   | 45.1 | 42.9  | 42   | 43.3  | 37.6 | 200                                                                                    |
| 205                                                                                  |         |      |      | 38.3 | 39   | 40.4 | 39   | 39.9 | 41.5 | 39.9 | 41   | 43   | 40.9  | 41.3 | 41.2  | 37   | 205                                                                                    |
| 210                                                                                  |         |      |      | 36.4 | 37.1 | 38.4 | 37.2 | 38   | 39.5 | 38.1 | 39.1 | 41.1 | 39.1  | 40.5 | 39.4  | 36.3 | 210                                                                                    |
| 215                                                                                  |         |      |      | 34.7 | 35.3 | 36.6 | 35.4 | 36.2 | 37.6 | 36.3 | 37.3 | 39.2 | 37.3  | 39.2 | 37.6  | 35.7 | 215                                                                                    |
| 220                                                                                  |         |      |      |      |      | 34.8 | 33.8 | 34.5 | 35.8 | 34.7 | 35.6 | 37.4 | 35.6  | 37.8 | 36    | 35.1 | 220                                                                                    |
| 225                                                                                  |         |      |      |      |      |      | 32.2 | 32.9 | 34.1 | 33   | 34   | 35.6 | 34    | 36.1 | 34.3  | 34.5 | 225                                                                                    |
| 230                                                                                  |         |      |      |      |      |      | 30.7 | 31.4 | 32.5 | 31.5 | 32.4 | 34   | 32.4  | 34.4 | 32.8  | 33.9 | 230                                                                                    |
| 235                                                                                  |         |      |      |      |      |      |      | 29.9 | 30.9 | 30.1 | 30.9 | 32.4 | 30.9  | 32.9 | 31.3  | 33.1 | 235                                                                                    |
| 240                                                                                  |         |      |      |      |      |      |      |      | 29.4 | 28.7 | 29.5 | 30.9 | 29.5  | 31.4 | 29.9  | 32.2 | 240                                                                                    |
| 245                                                                                  |         |      |      |      |      |      |      |      |      | 27.4 | 28.2 | 29.5 | 28.2  | 29.9 | 28.6  | 30.8 | 245                                                                                    |
| 250                                                                                  |         |      |      |      |      |      |      |      |      | 26.1 | 26.9 | 28.1 | 26.9  | 28.5 | 27.3  | 29.4 | 250                                                                                    |
| 255                                                                                  |         |      |      |      |      |      |      |      |      | 24.9 | 25.6 | 26.7 | 25.7  | 27.2 | 26.1  | 28.1 | 255                                                                                    |
| 260                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      | 24.5  | 26   | 24.9  | 26.8 | 260                                                                                    |
| 265                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      | 23.3  | 24.7 | 23.7  | 25.6 | 265                                                                                    |
| 270                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      | 22.2  | 23.5 | 22.7  | 24.4 | 270                                                                                    |
| 275                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      | 21.3  | 22.4 | 21.7  | 23.3 | 275                                                                                    |
| 280                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       |      | 20.9  | 22.3 | 280                                                                                    |
| 285                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       |      | 20    | 21.3 | 285                                                                                    |
| 290                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       |      | 19.3  | 20.4 | 290                                                                                    |
| 295                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       |      |       | 19.6 | 295                                                                                    |
| 300                                                                                  |         |      |      |      |      |      |      |      |      |      |      |      |       |      |       | 18.8 | 300                                                                                    |



22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 217 |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 40                                                                                   | 271.0   |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 40                                                                                     |
| 45                                                                                   | 271.0   | 260.0 |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 45                                                                                     |
| 50                                                                                   | 267.0   | 250.0 |       | 223.0 |       |       |       |       |      |       |       |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 244.0   | 241.0 | 150.0 | 214.0 | 178.0 |       | 177.0 |       |      |       |       |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 222.0   | 224.0 | 147.0 | 205.0 | 172.0 |       | 170.0 | 143.0 |      | 151.0 |       |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 203.0   | 205.0 | 143.0 | 197.0 | 167.0 | 111.0 | 163.0 | 139.0 |      | 145.0 |       |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 187.0   | 189.0 | 140.0 | 186.0 | 161.0 | 109.0 | 157.0 | 134.0 |      | 139.0 | 118.0 |      |       |      |       |      | 70                                                                                     |
| 75                                                                                   | 173.0   | 174.0 | 137.0 | 172.0 | 156.0 | 106.0 | 151.0 | 130.0 | 89.0 | 134.0 | 116.0 |      | 106.0 |      | 93.7  |      | 75                                                                                     |
| 80                                                                                   | 160.0   | 162.0 | 134.0 | 160.0 | 151.0 | 103.0 | 146.0 | 126.0 | 86.9 | 129.0 | 112.0 |      | 102.0 |      | 91.4  |      | 80                                                                                     |
| 85                                                                                   | 149.0   | 150.0 | 131.0 | 149.0 | 147.0 | 101.0 | 140.0 | 122.0 | 84.8 | 124.0 | 108.0 | 76.7 | 98.6  |      | 88.9  |      | 85                                                                                     |
| 90                                                                                   | 139.0   | 140.0 | 128.0 | 139.0 | 141.0 | 99.4  | 136.0 | 118.0 | 82.9 | 119.0 | 105.0 | 74.8 | 95.3  |      | 86.6  |      | 90                                                                                     |
| 95                                                                                   | 130.0   | 131.0 | 126.0 | 131.0 | 133.0 | 97.3  | 130.0 | 115.0 | 81.1 | 116.0 | 102.0 | 73.0 | 92.2  | 66.6 | 83.7  |      | 95                                                                                     |
| 100                                                                                  | 120.0   | 121.0 | 124.0 | 122.0 | 124.0 | 95.3  | 122.0 | 111.0 | 79.4 | 112.0 | 98.6  | 71.3 | 89.2  | 64.9 | 80.8  | 60.5 | 100                                                                                    |
| 105                                                                                  | 112.0   | 113.0 | 117.0 | 114.0 | 116.0 | 93.4  | 115.0 | 108.0 | 77.7 | 108.0 | 95.7  | 69.7 | 86.4  | 63.3 | 77.9  | 58.9 | 105                                                                                    |
| 110                                                                                  | 104.0   | 105.0 | 109.0 | 106.0 | 108.0 | 91.7  | 107.0 | 105.0 | 76.2 | 105.0 | 93.0  | 68.2 | 83.9  | 61.8 | 75.9  | 57.3 | 110                                                                                    |
| 115                                                                                  | 97.7    | 98.3  | 102.0 | 99.3  | 101.0 | 90.0  | 100.0 | 102.0 | 74.7 | 101.0 | 90.4  | 66.7 | 81.3  | 60.4 | 74.0  | 55.7 | 115                                                                                    |
| 120                                                                                  | 91.3    | 92.1  | 95.5  | 93.2  | 94.6  | 88.4  | 94.0  | 95.9  | 73.3 | 94.9  | 87.9  | 65.3 | 79.0  | 58.9 | 72.2  | 54.4 | 120                                                                                    |
| 125                                                                                  | 85.7    | 86.4  | 89.7  | 87.3  | 88.9  | 86.8  | 88.3  | 90.1  | 71.9 | 89.2  | 85.5  | 63.9 | 76.8  | 57.6 | 70.3  | 53.1 | 125                                                                                    |
| 130                                                                                  | 80.5    | 81.0  | 84.2  | 82.1  | 83.6  | 84.6  | 83.2  | 84.8  | 70.6 | 83.9  | 83.3  | 62.6 | 74.6  | 56.4 | 68.4  | 51.8 | 130                                                                                    |
| 135                                                                                  | 75.5    | 76.3  | 79.3  | 77.3  | 78.6  | 81.3  | 78.3  | 80.0  | 69.3 | 79.2  | 80.7  | 61.4 | 72.6  | 55.1 | 66.6  | 50.7 | 135                                                                                    |
| 140                                                                                  | 71.2    | 71.8  | 74.7  | 72.7  | 74.2  | 77.3  | 73.8  | 75.4  | 68.1 | 74.7  | 76.6  | 60.1 | 70.8  | 53.9 | 64.8  | 49.5 | 140                                                                                    |
| 145                                                                                  | 67.1    | 67.6  | 70.4  | 68.7  | 69.9  | 72.9  | 69.7  | 71.3  | 66.9 | 70.6  | 72.5  | 59.0 | 68.9  | 52.8 | 63.1  | 48.4 | 145                                                                                    |
| 150                                                                                  | 63.2    | 63.8  | 66.5  | 64.8  | 66.1  | 68.9  | 65.8  | 67.3  | 65.7 | 66.8  | 68.5  | 57.9 | 66.7  | 51.6 | 61.3  | 47.4 | 150                                                                                    |
| 155                                                                                  | 59.8    | 60.3  | 62.9  | 61.2  | 62.5  | 65.2  | 62.3  | 63.7  | 64.5 | 63.2  | 65.0  | 56.9 | 64.3  | 50.6 | 59.7  | 46.3 | 155                                                                                    |
| 160                                                                                  | 56.5    | 56.9  | 59.4  | 57.9  | 59.0  | 61.7  | 58.9  | 60.3  | 63.0 | 59.8  | 61.5  | 55.9 | 61.4  | 49.6 | 58.1  | 45.4 | 160                                                                                    |
| 165                                                                                  | 53.4    | 53.8  | 56.2  | 54.8  | 55.9  | 58.5  | 55.8  | 57.1  | 59.8 | 56.8  | 58.4  | 54.9 | 58.2  | 48.6 | 56.4  | 44.4 | 165                                                                                    |
| 170                                                                                  | 50.5    | 50.9  | 53.2  | 51.9  | 53.0  | 55.4  | 52.8  | 54.2  | 56.7 | 53.8  | 55.4  | 54.0 | 55.3  | 47.8 | 54.7  | 43.5 | 170                                                                                    |
| 175                                                                                  | 47.8    | 48.2  | 50.4  | 49.2  | 50.2  | 52.5  | 50.1  | 51.4  | 53.8 | 51.1  | 52.6  | 53.1 | 52.5  | 46.9 | 52.7  | 42.6 | 175                                                                                    |
| 180                                                                                  | 45.3    | 45.6  | 47.8  | 46.6  | 47.6  | 49.8  | 47.5  | 48.8  | 51.1 | 48.5  | 50.0  | 52.1 | 49.9  | 46.1 | 50.2  | 41.7 | 180                                                                                    |
| 185                                                                                  | 42.9    | 43.2  | 45.2  | 44.2  | 45.1  | 47.3  | 45.1  | 46.3  | 48.5 | 46.1  | 47.5  | 50.2 | 47.4  | 45.3 | 47.6  | 40.9 | 185                                                                                    |
| 190                                                                                  | 40.7    | 41.0  | 42.9  | 41.9  | 42.8  | 44.8  | 42.8  | 43.9  | 46.1 | 43.7  | 45.2  | 47.7 | 45.1  | 44.5 | 45.4  | 40.1 | 190                                                                                    |
| 195                                                                                  | 38.6    | 38.8  | 40.7  | 39.7  | 40.6  | 42.6  | 40.6  | 41.8  | 43.8 | 41.6  | 42.9  | 45.4 | 42.8  | 43.7 | 43.1  | 39.3 | 195                                                                                    |
| 200                                                                                  | 36.6    | 36.8  | 38.6  | 37.7  | 38.6  | 40.4  | 38.6  | 39.6  | 41.5 | 39.5  | 40.9  | 43.2 | 40.8  | 42.8 | 41.1  | 38.6 | 200                                                                                    |
| 205                                                                                  | 34.7    | 34.9  | 36.6  | 35.8  | 36.6  | 38.4  | 36.7  | 37.7  | 39.5 | 37.6  | 38.8  | 41.1 | 38.8  | 41.6 | 39.1  | 37.8 | 205                                                                                    |
| 210                                                                                  | 32.9    | 33.1  | 34.7  | 34.0  | 34.7  | 36.4  | 34.8  | 35.8  | 37.5 | 35.8  | 37.0  | 39.2 | 36.9  | 39.6 | 37.3  | 37.2 | 210                                                                                    |
| 215                                                                                  |         | 31.4  | 32.8  | 32.2  | 33.0  | 34.5  | 33.0  | 34.0  | 35.6 | 34.0  | 35.2  | 37.3 | 35.1  | 37.7 | 35.4  | 36.6 | 215                                                                                    |
| 220                                                                                  |         |       |       | 30.6  | 31.3  | 32.8  | 31.4  | 32.3  | 33.9 | 32.3  | 33.4  | 35.5 | 33.4  | 35.9 | 33.8  | 35.8 | 220                                                                                    |
| 225                                                                                  |         |       |       | 29.0  | 29.7  | 31.1  | 29.8  | 30.7  | 32.2 | 30.7  | 31.8  | 33.8 | 31.8  | 34.2 | 32.1  | 35.0 | 225                                                                                    |
| 230                                                                                  |         |       |       | 27.6  | 28.2  | 29.5  | 28.3  | 29.1  | 30.5 | 29.2  | 30.3  | 32.1 | 30.3  | 32.5 | 30.6  | 33.4 | 230                                                                                    |
| 235                                                                                  |         |       |       |       |       | 27.9  | 26.9  | 27.6  | 29.0 | 27.8  | 28.8  | 30.5 | 28.8  | 31.0 | 29.1  | 31.8 | 235                                                                                    |
| 240                                                                                  |         |       |       |       |       |       | 25.5  | 26.2  | 27.5 | 26.4  | 27.4  | 29.0 | 27.4  | 29.5 | 27.7  | 30.3 | 240                                                                                    |
| 245                                                                                  |         |       |       |       |       |       | 24.2  | 24.9  | 26.0 | 25.1  | 26.0  | 27.6 | 26.0  | 28.0 | 26.4  | 28.9 | 245                                                                                    |
| 250                                                                                  |         |       |       |       |       |       |       | 23.6  | 24.7 | 23.8  | 24.7  | 26.2 | 24.7  | 26.7 | 25.1  | 27.5 | 250                                                                                    |
| 255                                                                                  |         |       |       |       |       |       |       |       | 23.3 | 22.6  | 23.4  | 24.9 | 23.5  | 25.3 | 23.9  | 26.2 | 255                                                                                    |
| 260                                                                                  |         |       |       |       |       |       |       |       |      | 21.6  | 22.3  | 23.6 | 22.4  | 24.1 | 22.7  | 24.9 | 260                                                                                    |
| 265                                                                                  |         |       |       |       |       |       |       |       |      | 20.6  | 21.3  | 22.4 | 21.3  | 22.9 | 21.7  | 23.7 | 265                                                                                    |
| 270                                                                                  |         |       |       |       |       |       |       |       |      | 19.7  | 20.3  | 21.3 | 20.4  | 21.8 | 20.7  | 22.5 | 270                                                                                    |
| 275                                                                                  |         |       |       |       |       |       |       |       |      |       | 19.4  | 20.3 | 19.5  | 20.8 | 19.9  | 21.5 | 275                                                                                    |
| 280                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 18.6  | 19.8 | 19.0  | 20.6 | 280                                                                                    |
| 285                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 17.8  | 19.0 | 18.2  | 19.7 | 285                                                                                    |
| 290                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 17.0  | 18.1 | 17.4  | 18.8 | 290                                                                                    |
| 295                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 17.3 | 16.6  | 18.0 | 295                                                                                    |
| 300                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      | 15.9  | 17.2 | 300                                                                                    |
| 305                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      | 15.2  | 16.4 | 305                                                                                    |
| 310                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 15.7 | 310                                                                                    |
| 315                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 14.9 | 315                                                                                    |



22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 236 |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 45                                                                                   | 263.0   |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 45                                                                                     |
| 50                                                                                   | 259.0   | 251.0 |       | 148.0 |       |       |       |       |      |       |       |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 235.0   | 237.0 | 150.0 | 213.0 | 178.0 |       | 112.0 |       |      |       |       |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 214.0   | 216.0 | 147.0 | 206.0 | 172.0 |       | 158.0 |       |      | 148.0 |       |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 196.0   | 198.0 | 144.0 | 195.0 | 167.0 |       | 158.0 | 139.0 |      | 144.0 |       |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 180.0   | 182.0 | 141.0 | 180.0 | 162.0 | 109.0 | 156.0 | 134.0 |      | 139.0 | 117.0 |      |       |      |       |      | 70                                                                                     |
| 75                                                                                   | 167.0   | 168.0 | 138.0 | 167.0 | 157.0 | 106.0 | 153.0 | 130.0 |      | 134.0 | 115.0 |      | 106.0 |      | 92.5  |      | 75                                                                                     |
| 80                                                                                   | 154.0   | 156.0 | 136.0 | 155.0 | 153.0 | 104.0 | 148.0 | 126.0 | 87.0 | 130.0 | 112.0 |      | 102.0 |      | 90.6  |      | 80                                                                                     |
| 85                                                                                   | 144.0   | 145.0 | 133.0 | 144.0 | 146.0 | 102.0 | 143.0 | 123.0 | 85.1 | 125.0 | 109.0 |      | 98.7  |      | 88.5  |      | 85                                                                                     |
| 90                                                                                   | 134.0   | 135.0 | 130.0 | 134.0 | 137.0 | 100.0 | 135.0 | 119.0 | 83.2 | 121.0 | 105.0 | 74.7 | 95.4  |      | 86.3  |      | 90                                                                                     |
| 95                                                                                   | 125.0   | 126.0 | 127.0 | 126.0 | 128.0 | 98.3  | 126.0 | 116.0 | 81.5 | 117.0 | 103.0 | 73.0 | 92.6  | 66.4 | 83.9  |      | 95                                                                                     |
| 100                                                                                  | 117.0   | 118.0 | 122.0 | 118.0 | 120.0 | 96.5  | 119.0 | 113.0 | 80.0 | 113.0 | 99.6  | 71.5 | 90.0  | 64.8 | 81.3  | 60.4 | 100                                                                                    |
| 105                                                                                  | 109.0   | 110.0 | 114.0 | 111.0 | 113.0 | 94.7  | 112.0 | 110.0 | 78.4 | 110.0 | 96.9  | 70.1 | 87.3  | 63.4 | 78.7  | 58.8 | 105                                                                                    |
| 110                                                                                  | 101.0   | 102.0 | 106.0 | 103.0 | 105.0 | 93.1  | 105.0 | 106.0 | 77.0 | 104.0 | 94.2  | 68.6 | 84.8  | 62.0 | 76.3  | 57.3 | 110                                                                                    |
| 115                                                                                  | 94.8    | 95.6  | 99.4  | 96.5  | 98.3  | 91.5  | 98.3  | 99.8  | 75.5 | 98.3  | 91.7  | 67.2 | 82.5  | 60.7 | 74.5  | 56.0 | 115                                                                                    |
| 120                                                                                  | 88.4    | 89.3  | 92.9  | 90.2  | 91.9  | 90.1  | 92.0  | 93.5  | 74.0 | 92.3  | 89.3  | 65.8 | 80.1  | 59.3 | 72.8  | 54.7 | 120                                                                                    |
| 125                                                                                  | 82.8    | 83.6  | 87.2  | 84.7  | 86.1  | 88.0  | 86.3  | 87.7  | 72.7 | 86.6  | 86.9  | 64.6 | 77.9  | 57.9 | 71.2  | 53.5 | 125                                                                                    |
| 130                                                                                  | 77.6    | 78.2  | 81.8  | 79.2  | 81.0  | 84.4  | 81.0  | 82.4  | 71.5 | 81.4  | 83.6  | 63.3 | 76.0  | 56.7 | 69.5  | 52.3 | 130                                                                                    |
| 135                                                                                  | 72.7    | 73.5  | 76.8  | 74.5  | 75.9  | 79.5  | 76.3  | 77.4  | 70.4 | 76.6  | 78.7  | 62.1 | 74.1  | 55.7 | 67.7  | 51.1 | 135                                                                                    |
| 140                                                                                  | 68.4    | 68.9  | 72.3  | 69.9  | 71.6  | 75.0  | 71.8  | 73.0  | 69.2 | 72.1  | 74.2  | 60.9 | 72.2  | 54.6 | 66.0  | 50.0 | 140                                                                                    |
| 145                                                                                  | 64.2    | 64.9  | 67.9  | 66.0  | 67.3  | 70.6  | 67.7  | 68.8  | 68.0 | 68.1  | 70.0  | 59.8 | 69.4  | 53.6 | 64.3  | 48.9 | 145                                                                                    |
| 150                                                                                  | 60.5    | 61.1  | 64.1  | 62.0  | 63.5  | 66.7  | 63.8  | 64.9  | 66.4 | 64.2  | 66.3  | 58.7 | 65.9  | 52.5 | 62.6  | 47.9 | 150                                                                                    |
| 155                                                                                  | 56.9    | 57.4  | 60.4  | 58.5  | 59.9  | 62.9  | 60.3  | 61.2  | 63.8 | 60.7  | 62.5  | 57.7 | 62.4  | 51.5 | 60.9  | 46.9 | 155                                                                                    |
| 160                                                                                  | 53.6    | 54.2  | 57.0  | 55.2  | 56.5  | 59.4  | 56.9  | 57.9  | 60.9 | 57.3  | 59.2  | 56.8 | 59.1  | 50.6 | 58.8  | 46.0 | 160                                                                                    |
| 165                                                                                  | 50.6    | 51.1  | 53.8  | 52.1  | 53.4  | 56.2  | 53.8  | 54.6  | 57.6 | 54.3  | 56.0  | 55.9 | 55.8  | 49.6 | 55.9  | 45.0 | 165                                                                                    |
| 170                                                                                  | 47.7    | 48.2  | 50.8  | 49.2  | 50.4  | 53.1  | 50.8  | 51.8  | 54.5 | 51.2  | 53.1  | 55.0 | 53.0  | 48.7 | 53.1  | 44.1 | 170                                                                                    |
| 175                                                                                  | 45.0    | 45.5  | 48.0  | 46.4  | 47.7  | 50.3  | 48.1  | 48.9  | 51.6 | 48.6  | 50.2  | 53.0 | 50.1  | 47.8 | 50.4  | 43.3 | 175                                                                                    |
| 180                                                                                  | 42.5    | 42.9  | 45.3  | 43.9  | 45.0  | 47.6  | 45.5  | 46.3  | 48.9 | 45.9  | 47.6  | 50.6 | 47.6  | 47.0 | 47.8  | 42.4 | 180                                                                                    |
| 185                                                                                  | 40.1    | 40.5  | 42.8  | 41.5  | 42.6  | 45.0  | 43.1  | 43.8  | 46.3 | 43.6  | 45.1  | 48.2 | 45.0  | 46.2 | 45.3  | 41.6 | 185                                                                                    |
| 190                                                                                  | 37.9    | 38.2  | 40.5  | 39.2  | 40.3  | 42.6  | 40.8  | 41.5  | 43.9 | 41.2  | 42.8  | 45.7 | 42.8  | 45.3 | 43.0  | 40.8 | 190                                                                                    |
| 195                                                                                  | 35.8    | 36.1  | 38.3  | 37.1  | 38.0  | 40.3  | 38.6  | 39.3  | 41.6 | 39.1  | 40.6  | 43.4 | 40.5  | 43.8 | 40.8  | 40.1 | 195                                                                                    |
| 200                                                                                  | 33.8    | 34.0  | 36.1  | 35.0  | 36.0  | 38.2  | 36.6  | 37.2  | 39.4 | 37.0  | 38.5  | 41.1 | 38.5  | 41.6 | 38.8  | 39.4 | 200                                                                                    |
| 205                                                                                  | 31.8    | 32.1  | 34.1  | 33.1  | 34.1  | 36.1  | 34.6  | 35.2  | 37.3 | 35.1  | 36.5  | 39.1 | 36.4  | 39.5 | 36.7  | 38.6 | 205                                                                                    |
| 210                                                                                  | 30.1    | 30.3  | 32.2  | 31.3  | 32.2  | 34.1  | 32.8  | 33.3  | 35.3 | 33.2  | 34.6  | 37.1 | 34.6  | 37.6 | 34.9  | 37.7 | 210                                                                                    |
| 215                                                                                  | 28.4    | 28.6  | 30.4  | 29.5  | 30.4  | 32.3  | 31.0  | 31.6  | 33.5 | 31.5  | 32.8  | 35.2 | 32.8  | 35.7 | 33.1  | 36.5 | 215                                                                                    |
| 220                                                                                  | 26.8    | 27.0  | 28.7  | 27.9  | 28.7  | 30.5  | 29.3  | 29.9  | 31.7 | 29.8  | 31.1  | 33.4 | 31.1  | 33.9 | 31.4  | 34.7 | 220                                                                                    |
| 225                                                                                  | 25.2    | 25.4  | 27.1  | 26.4  | 27.1  | 28.8  | 27.7  | 28.2  | 30.0 | 28.2  | 29.5  | 31.7 | 29.5  | 32.1 | 29.8  | 33.0 | 225                                                                                    |
| 230                                                                                  | 23.8    | 24.0  | 25.5  | 24.9  | 25.6  | 27.2  | 26.2  | 26.7  | 28.4 | 26.7  | 27.9  | 30.0 | 27.9  | 30.5 | 28.3  | 31.4 | 230                                                                                    |
| 235                                                                                  | 22.4    | 22.6  | 24.0  | 23.4  | 24.2  | 25.7  | 24.8  | 25.2  | 26.8 | 25.3  | 26.4  | 28.4 | 26.4  | 28.9 | 26.8  | 29.8 | 235                                                                                    |
| 240                                                                                  |         |       |       | 22.2  | 22.8  | 24.2  | 23.4  | 23.8  | 25.3 | 23.9  | 25.0  | 27.0 | 25.0  | 27.4 | 25.4  | 28.3 | 240                                                                                    |
| 245                                                                                  |         |       |       | 21.0  | 21.6  | 22.8  | 22.1  | 22.5  | 23.9 | 22.6  | 23.7  | 25.5 | 23.6  | 26.0 | 24.0  | 26.8 | 245                                                                                    |
| 250                                                                                  |         |       |       | 20.0  | 20.5  | 21.6  | 21.0  | 21.3  | 22.5 | 21.5  | 22.4  | 24.1 | 22.5  | 24.6 | 22.8  | 25.5 | 250                                                                                    |
| 255                                                                                  |         |       |       |       | 19.5  | 20.5  | 20.0  | 20.2  | 21.3 | 20.4  | 21.3  | 22.8 | 21.3  | 23.3 | 21.7  | 24.1 | 255                                                                                    |
| 260                                                                                  |         |       |       |       |       |       | 19.0  | 19.3  | 20.3 | 19.4  | 20.3  | 21.6 | 20.3  | 22.1 | 20.6  | 22.9 | 260                                                                                    |
| 265                                                                                  |         |       |       |       |       |       | 18.1  | 18.3  | 19.2 | 18.5  | 19.3  | 20.6 | 19.3  | 21.0 | 19.7  | 21.7 | 265                                                                                    |
| 270                                                                                  |         |       |       |       |       |       | 17.2  | 17.4  | 18.2 | 17.6  | 18.3  | 19.6 | 18.4  | 20.0 | 18.7  | 20.7 | 270                                                                                    |
| 275                                                                                  |         |       |       |       |       |       |       |       | 17.3 | 16.7  | 17.5  | 18.6 | 17.5  | 19.0 | 17.8  | 19.8 | 275                                                                                    |
| 280                                                                                  |         |       |       |       |       |       |       |       |      | 15.9  | 16.6  | 17.7 | 16.6  | 18.1 | 17.0  | 18.9 | 280                                                                                    |
| 285                                                                                  |         |       |       |       |       |       |       |       |      | 15.1  | 15.7  | 16.8 | 15.8  | 17.2 | 16.2  | 18.0 | 285                                                                                    |
| 290                                                                                  |         |       |       |       |       |       |       |       |      |       | 14.9  | 15.9 | 15.0  | 16.3 | 15.4  | 17.1 | 290                                                                                    |
| 295                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 15.0 | 14.3  | 15.5 | 14.6  | 16.3 | 295                                                                                    |
| 300                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 13.5  | 14.7 | 13.9  | 15.5 | 300                                                                                    |
| 305                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 12.8  | 13.9 | 13.2  | 14.7 | 305                                                                                    |
| 310                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 13.2 | 12.4  | 13.9 | 310                                                                                    |
| 315                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      | 11.6  | 13.2 | 315                                                                                    |
| 320                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      | 10.8  | 12.5 | 320                                                                                    |
| 325                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 11.6 | 325                                                                                    |
| 330                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 10.8 | 330                                                                                    |



22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 246 |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 45                                                                                   | 258.0   |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 45                                                                                     |
| 50                                                                                   | 253.0   | 251.0 |       | 122.0 |       |       |       |       |      |       |       |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 230.0   | 233.0 | 151.0 | 211.0 |       |       |       |       |      |       |       |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 210.0   | 212.0 | 148.0 | 206.0 | 172.0 |       | 158.0 |       |      |       |       |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 192.0   | 194.0 | 144.0 | 192.0 | 167.0 |       | 158.0 |       |      | 143.0 |       |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 177.0   | 179.0 | 142.0 | 177.0 | 162.0 | 109.0 | 156.0 | 134.0 |      | 139.0 |       |      |       |      |       |      | 70                                                                                     |
| 75                                                                                   | 163.0   | 165.0 | 139.0 | 163.0 | 157.0 | 106.0 | 153.0 | 130.0 |      | 134.0 | 115.0 |      | 106.0 |      | 92.1  |      | 75                                                                                     |
| 80                                                                                   | 151.0   | 153.0 | 136.0 | 152.0 | 152.0 | 104.0 | 149.0 | 127.0 | 86.9 | 130.0 | 112.0 |      | 102.0 |      | 90.2  |      | 80                                                                                     |
| 85                                                                                   | 141.0   | 142.0 | 134.0 | 141.0 | 144.0 | 102.0 | 141.0 | 123.0 | 85.0 | 125.0 | 109.0 |      | 98.8  |      | 88.2  |      | 85                                                                                     |
| 90                                                                                   | 131.0   | 132.0 | 131.0 | 132.0 | 134.0 | 100.0 | 132.0 | 120.0 | 83.3 | 121.0 | 106.0 | 74.9 | 95.9  |      | 86.1  |      | 90                                                                                     |
| 95                                                                                   | 122.0   | 124.0 | 128.0 | 123.0 | 126.0 | 98.6  | 124.0 | 116.0 | 81.7 | 118.0 | 103.0 | 73.1 | 93.0  |      | 84.0  |      | 95                                                                                     |
| 100                                                                                  | 114.0   | 116.0 | 121.0 | 115.0 | 118.0 | 96.8  | 116.0 | 113.0 | 80.1 | 114.0 | 100.0 | 71.6 | 90.4  | 64.9 | 81.5  |      | 100                                                                                    |
| 105                                                                                  | 107.0   | 108.0 | 113.0 | 108.0 | 111.0 | 95.2  | 109.0 | 110.0 | 78.7 | 108.0 | 97.4  | 70.2 | 87.7  | 63.5 | 79.1  | 58.9 | 105                                                                                    |
| 110                                                                                  | 99.8    | 101.0 | 105.0 | 102.0 | 104.0 | 93.7  | 103.0 | 105.0 | 77.2 | 102.0 | 94.9  | 68.8 | 85.2  | 62.1 | 76.6  | 57.5 | 110                                                                                    |
| 115                                                                                  | 93.0    | 93.8  | 98.0  | 94.9  | 96.8  | 92.2  | 96.7  | 98.5  | 75.8 | 96.3  | 92.4  | 67.4 | 82.9  | 60.7 | 74.7  | 56.1 | 115                                                                                    |
| 120                                                                                  | 86.8    | 87.8  | 91.5  | 88.6  | 90.5  | 90.7  | 90.6  | 92.1  | 74.4 | 90.9  | 89.8  | 66.1 | 80.6  | 59.5 | 73.0  | 54.8 | 120                                                                                    |
| 125                                                                                  | 81.2    | 81.8  | 85.7  | 82.9  | 84.7  | 88.6  | 84.8  | 86.3  | 73.1 | 85.2  | 86.8  | 64.8 | 78.5  | 58.2 | 71.4  | 53.6 | 125                                                                                    |
| 130                                                                                  | 75.9    | 76.8  | 80.4  | 77.9  | 79.5  | 83.3  | 79.6  | 81.0  | 71.9 | 80.0  | 82.4  | 63.7 | 76.6  | 56.9 | 69.8  | 52.4 | 130                                                                                    |
| 135                                                                                  | 71.2    | 71.8  | 75.4  | 72.9  | 74.7  | 78.3  | 74.8  | 76.0  | 70.7 | 75.2  | 77.5  | 62.5 | 74.7  | 55.8 | 68.1  | 51.3 | 135                                                                                    |
| 140                                                                                  | 66.6    | 67.4  | 70.8  | 68.6  | 70.1  | 73.7  | 70.5  | 71.5  | 69.5 | 70.7  | 72.9  | 61.4 | 72.3  | 54.7 | 66.4  | 50.2 | 140                                                                                    |
| 145                                                                                  | 62.7    | 63.3  | 66.6  | 64.3  | 65.9  | 69.4  | 66.2  | 67.5  | 68.4 | 66.7  | 68.7  | 60.3 | 68.5  | 53.7 | 64.7  | 49.1 | 145                                                                                    |
| 150                                                                                  | 58.8    | 59.5  | 62.6  | 60.6  | 62.0  | 65.4  | 62.4  | 63.4  | 66.4 | 62.9  | 64.9  | 59.3 | 64.6  | 52.7 | 63.0  | 48.1 | 150                                                                                    |
| 155                                                                                  | 55.3    | 55.9  | 59.0  | 57.0  | 58.4  | 61.6  | 58.7  | 59.9  | 63.2 | 59.3  | 61.3  | 58.2 | 61.0  | 51.8 | 61.1  | 47.1 | 155                                                                                    |
| 160                                                                                  | 52.0    | 52.5  | 55.6  | 53.7  | 55.1  | 58.2  | 55.5  | 56.4  | 59.7 | 56.0  | 57.8  | 57.2 | 57.8  | 50.9 | 57.9  | 46.2 | 160                                                                                    |
| 165                                                                                  | 48.9    | 49.5  | 52.3  | 50.6  | 51.9  | 54.9  | 52.3  | 53.4  | 56.4 | 52.8  | 54.7  | 56.1 | 54.6  | 50.0 | 54.8  | 45.3 | 165                                                                                    |
| 170                                                                                  | 46.1    | 46.6  | 49.4  | 47.7  | 49.0  | 51.9  | 49.5  | 50.3  | 53.3 | 49.9  | 51.7  | 54.2 | 51.6  | 49.1 | 51.9  | 44.4 | 170                                                                                    |
| 175                                                                                  | 43.4    | 43.8  | 46.5  | 45.0  | 46.1  | 48.9  | 46.6  | 47.6  | 50.4 | 47.1  | 49.0  | 52.3 | 48.9  | 48.2 | 49.0  | 43.6 | 175                                                                                    |
| 180                                                                                  | 40.9    | 41.3  | 43.9  | 42.3  | 43.6  | 46.3  | 44.1  | 44.9  | 47.6 | 44.6  | 46.3  | 49.6 | 46.2  | 47.4 | 46.5  | 42.7 | 180                                                                                    |
| 185                                                                                  | 38.5    | 38.9  | 41.4  | 40.0  | 41.1  | 43.7  | 41.6  | 42.5  | 45.1 | 42.1  | 43.8  | 46.9 | 43.8  | 46.6 | 44.0  | 41.9 | 185                                                                                    |
| 190                                                                                  | 36.2    | 36.6  | 39.0  | 37.7  | 38.8  | 41.3  | 39.4  | 40.1  | 42.6 | 39.9  | 41.5  | 44.5 | 41.3  | 44.7 | 41.7  | 41.2 | 190                                                                                    |
| 195                                                                                  | 34.1    | 34.5  | 36.8  | 35.5  | 36.6  | 39.0  | 37.2  | 37.9  | 40.3 | 37.6  | 39.3  | 42.2 | 39.2  | 42.6 | 39.5  | 40.5 | 195                                                                                    |
| 200                                                                                  | 32.1    | 32.4  | 34.7  | 33.5  | 34.5  | 36.8  | 35.1  | 35.8  | 38.1 | 35.7  | 37.1  | 40.0 | 37.1  | 40.5 | 37.4  | 39.7 | 200                                                                                    |
| 205                                                                                  | 30.2    | 30.5  | 32.7  | 31.5  | 32.6  | 34.8  | 33.2  | 33.8  | 36.1 | 33.7  | 35.2  | 37.9 | 35.2  | 38.4 | 35.5  | 38.8 | 205                                                                                    |
| 210                                                                                  | 28.4    | 28.7  | 30.8  | 29.7  | 30.7  | 32.8  | 31.3  | 31.9  | 34.1 | 31.9  | 33.2  | 35.9 | 33.2  | 36.4 | 33.5  | 37.3 | 210                                                                                    |
| 215                                                                                  | 26.7    | 27.0  | 29.0  | 28.0  | 28.9  | 30.9  | 29.6  | 30.1  | 32.2 | 30.1  | 31.5  | 34.0 | 31.5  | 34.5 | 31.8  | 35.4 | 215                                                                                    |
| 220                                                                                  | 25.1    | 25.4  | 27.3  | 26.3  | 27.3  | 29.2  | 27.8  | 28.4  | 30.4 | 28.4  | 29.7  | 32.2 | 29.8  | 32.7 | 30.1  | 33.6 | 220                                                                                    |
| 225                                                                                  | 23.6    | 23.8  | 25.6  | 24.8  | 25.6  | 27.5  | 26.3  | 26.8  | 28.7 | 26.8  | 28.1  | 30.5 | 28.1  | 31.0 | 28.5  | 31.9 | 225                                                                                    |
| 230                                                                                  | 22.2    | 22.4  | 24.1  | 23.3  | 24.1  | 25.9  | 24.8  | 25.3  | 27.1 | 25.3  | 26.5  | 28.8 | 26.6  | 29.3 | 26.9  | 30.2 | 230                                                                                    |
| 235                                                                                  | 21.0    | 21.1  | 22.6  | 22.0  | 22.7  | 24.3  | 23.3  | 23.8  | 25.5 | 23.9  | 25.1  | 27.3 | 25.1  | 27.8 | 25.5  | 28.6 | 235                                                                                    |
| 240                                                                                  | 19.9    | 20.0  | 21.3  | 20.8  | 21.4  | 22.9  | 22.0  | 22.4  | 24.0 | 22.5  | 23.7  | 25.7 | 23.7  | 26.3 | 24.1  | 27.1 | 240                                                                                    |
| 245                                                                                  |         |       | 20.2  | 19.7  | 20.3  | 21.6  | 20.8  | 21.2  | 22.6 | 21.3  | 22.4  | 24.3 | 22.4  | 24.8 | 22.8  | 25.7 | 245                                                                                    |
| 250                                                                                  |         |       |       | 18.6  | 19.2  | 20.4  | 19.8  | 20.1  | 21.4 | 20.2  | 21.2  | 22.9 | 21.2  | 23.5 | 21.6  | 24.3 | 250                                                                                    |
| 255                                                                                  |         |       |       | 17.6  | 18.2  | 19.3  | 18.8  | 19.1  | 20.2 | 19.2  | 20.1  | 21.7 | 20.2  | 22.1 | 20.5  | 23.0 | 255                                                                                    |
| 260                                                                                  |         |       |       | 16.7  | 17.2  | 18.3  | 17.8  | 18.1  | 19.2 | 18.2  | 19.1  | 20.6 | 19.1  | 21.1 | 19.5  | 21.8 | 260                                                                                    |
| 265                                                                                  |         |       |       |       |       | 17.3  | 16.8  | 17.1  | 18.2 | 17.3  | 18.1  | 19.5 | 18.2  | 20.0 | 18.5  | 20.7 | 265                                                                                    |
| 270                                                                                  |         |       |       |       |       |       | 15.9  | 16.2  | 17.2 | 16.4  | 17.2  | 18.5 | 17.2  | 19.0 | 17.6  | 19.7 | 270                                                                                    |
| 275                                                                                  |         |       |       |       |       |       | 15.0  | 15.3  | 16.2 | 15.5  | 16.3  | 17.6 | 16.4  | 18.0 | 16.7  | 18.8 | 275                                                                                    |
| 280                                                                                  |         |       |       |       |       |       |       | 14.4  | 15.3 | 14.7  | 15.4  | 16.6 | 15.5  | 17.1 | 15.8  | 17.8 | 280                                                                                    |
| 285                                                                                  |         |       |       |       |       |       |       |       | 14.4 | 13.9  | 14.6  | 15.7 | 14.7  | 16.2 | 15.0  | 16.9 | 285                                                                                    |
| 290                                                                                  |         |       |       |       |       |       |       |       |      | 13.1  | 13.8  | 14.9 | 13.9  | 15.3 | 14.2  | 16.1 | 290                                                                                    |
| 295                                                                                  |         |       |       |       |       |       |       |       |      | 12.3  | 13.0  | 14.0 | 13.1  | 14.5 | 13.5  | 15.2 | 295                                                                                    |
| 300                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 13.2 | 12.4  | 13.7 | 12.7  | 14.4 | 300                                                                                    |
| 305                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 11.6  | 12.9 | 11.9  | 13.7 | 305                                                                                    |
| 310                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 10.8  | 12.1 | 11.1  | 12.9 | 310                                                                                    |
| 315                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 9.9   | 11.3 | 10.2  | 12.1 | 315                                                                                    |
| 320                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 10.4 | 9.4   | 11.3 | 320                                                                                    |
| 325                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      | 8.7   | 10.4 | 325                                                                                    |
| 330                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      | 8.0   | 9.6  | 330                                                                                    |
| 335                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 8.7  | 335                                                                                    |
| 340                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 7.9  | 340                                                                                    |



22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 256 |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 45                                                                                   | 248.0   |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 45                                                                                     |
| 50                                                                                   | 245.0   | 244.0 |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 227.0   | 229.0 |       | 205.0 |       |       |       |       |      |       |       |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 206.0   | 208.0 | 148.0 | 201.0 | 172.0 |       | 158.0 |       |      |       |       |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 189.0   | 191.0 | 145.0 | 188.0 | 167.0 |       | 158.0 |       |      | 140.0 |       |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 174.0   | 176.0 | 142.0 | 174.0 | 162.0 | 109.0 | 157.0 | 134.0 |      | 137.0 |       |      |       |      |       |      | 70                                                                                     |
| 75                                                                                   | 160.0   | 162.0 | 139.0 | 161.0 | 158.0 | 106.0 | 153.0 | 130.0 |      | 134.0 | 115.0 |      |       |      |       |      | 75                                                                                     |
| 80                                                                                   | 149.0   | 150.0 | 137.0 | 149.0 | 152.0 | 104.0 | 148.0 | 126.0 | 86.8 | 129.0 | 112.0 |      | 102.0 |      | 89.0  |      | 80                                                                                     |
| 85                                                                                   | 138.0   | 140.0 | 134.0 | 139.0 | 141.0 | 102.0 | 139.0 | 123.0 | 85.0 | 125.0 | 109.0 |      | 98.6  |      | 87.4  |      | 85                                                                                     |
| 90                                                                                   | 129.0   | 130.0 | 131.0 | 129.0 | 132.0 | 101.0 | 130.0 | 120.0 | 83.3 | 121.0 | 106.0 | 74.8 | 95.7  |      | 85.5  |      | 90                                                                                     |
| 95                                                                                   | 120.0   | 121.0 | 127.0 | 121.0 | 123.0 | 98.8  | 122.0 | 117.0 | 81.7 | 118.0 | 103.0 | 73.1 | 92.8  |      | 83.5  |      | 95                                                                                     |
| 100                                                                                  | 112.0   | 113.0 | 119.0 | 113.0 | 116.0 | 97.1  | 114.0 | 114.0 | 80.2 | 113.0 | 100.0 | 71.5 | 90.3  | 65.0 | 81.3  |      | 100                                                                                    |
| 105                                                                                  | 105.0   | 106.0 | 111.0 | 106.0 | 109.0 | 95.5  | 107.0 | 109.0 | 78.8 | 106.0 | 97.4  | 70.1 | 87.9  | 63.5 | 79.1  | 58.7 | 105                                                                                    |
| 110                                                                                  | 98.3    | 99.3  | 104.0 | 99.8  | 102.0 | 94.0  | 101.0 | 103.0 | 77.4 | 100.0 | 95.0  | 68.8 | 85.5  | 62.2 | 76.8  | 57.3 | 110                                                                                    |
| 115                                                                                  | 91.5    | 92.5  | 96.8  | 93.5  | 95.6  | 92.5  | 95.1  | 96.9  | 76.0 | 94.5  | 92.7  | 67.5 | 83.3  | 60.8 | 74.7  | 56.1 | 115                                                                                    |
| 120                                                                                  | 85.5    | 86.2  | 90.4  | 87.4  | 89.3  | 90.9  | 89.3  | 90.9  | 74.7 | 89.2  | 90.1  | 66.2 | 81.2  | 59.6 | 73.0  | 54.8 | 120                                                                                    |
| 125                                                                                  | 79.7    | 80.7  | 84.5  | 81.7  | 83.5  | 87.4  | 83.6  | 85.1  | 73.3 | 84.0  | 86.5  | 65.0 | 79.1  | 58.4 | 71.4  | 53.7 | 125                                                                                    |
| 130                                                                                  | 74.6    | 75.3  | 79.3  | 76.5  | 78.2  | 82.3  | 78.4  | 79.8  | 72.1 | 78.8  | 81.2  | 63.9 | 77.1  | 57.2 | 69.9  | 52.5 | 130                                                                                    |
| 135                                                                                  | 69.7    | 70.6  | 74.2  | 71.7  | 73.4  | 77.2  | 73.6  | 74.9  | 71.0 | 73.9  | 76.3  | 62.8 | 75.3  | 56.1 | 68.3  | 51.4 | 135                                                                                    |
| 140                                                                                  | 65.5    | 66.1  | 69.8  | 67.2  | 68.9  | 72.6  | 69.2  | 70.4  | 69.8 | 69.5  | 71.8  | 61.7 | 71.4  | 55.0 | 66.7  | 50.3 | 140                                                                                    |
| 145                                                                                  | 61.3    | 62.0  | 65.4  | 63.2  | 64.7  | 68.4  | 65.1  | 66.3  | 68.5 | 65.4  | 67.6  | 60.6 | 67.4  | 53.9 | 65.2  | 49.3 | 145                                                                                    |
| 150                                                                                  | 57.6    | 58.2  | 61.6  | 59.3  | 60.8  | 64.3  | 61.2  | 62.4  | 65.8 | 61.7  | 63.7  | 59.6 | 63.5  | 52.9 | 63.0  | 48.3 | 150                                                                                    |
| 155                                                                                  | 54.0    | 54.6  | 57.9  | 55.8  | 57.3  | 60.7  | 57.7  | 58.7  | 62.1 | 58.1  | 60.2  | 58.6 | 59.9  | 52.0 | 60.1  | 47.3 | 155                                                                                    |
| 160                                                                                  | 50.8    | 51.4  | 54.5  | 52.5  | 53.9  | 57.1  | 54.3  | 55.4  | 58.7 | 54.8  | 56.8  | 57.6 | 56.6  | 51.1 | 56.7  | 46.4 | 160                                                                                    |
| 165                                                                                  | 47.7    | 48.2  | 51.3  | 49.4  | 50.8  | 53.9  | 51.2  | 52.2  | 55.3 | 51.7  | 53.6  | 56.4 | 53.5  | 50.2 | 53.6  | 45.5 | 165                                                                                    |
| 170                                                                                  | 44.8    | 45.4  | 48.3  | 46.5  | 47.8  | 50.8  | 48.2  | 49.3  | 52.3 | 48.7  | 50.7  | 54.3 | 50.5  | 49.3 | 50.8  | 44.7 | 170                                                                                    |
| 175                                                                                  | 42.2    | 42.6  | 45.5  | 43.7  | 45.1  | 48.0  | 45.6  | 46.4  | 49.4 | 46.0  | 47.8  | 51.4 | 47.8  | 48.4 | 48.0  | 43.8 | 175                                                                                    |
| 180                                                                                  | 39.6    | 40.1  | 42.8  | 41.2  | 42.4  | 45.2  | 42.9  | 43.8  | 46.7 | 43.4  | 45.3  | 48.6 | 45.1  | 47.2 | 45.4  | 43.0 | 180                                                                                    |
| 185                                                                                  | 37.3    | 37.7  | 40.3  | 38.7  | 40.0  | 42.7  | 40.5  | 41.3  | 44.0 | 41.0  | 42.7  | 46.1 | 42.7  | 45.7 | 43.0  | 42.2 | 185                                                                                    |
| 190                                                                                  | 35.0    | 35.4  | 38.0  | 36.5  | 37.6  | 40.3  | 38.2  | 39.0  | 41.7 | 38.7  | 40.4  | 43.6 | 40.4  | 44.0 | 40.5  | 41.5 | 190                                                                                    |
| 195                                                                                  | 32.9    | 33.3  | 35.7  | 34.3  | 35.5  | 38.0  | 36.1  | 36.8  | 39.3 | 36.6  | 38.1  | 41.3 | 38.1  | 41.8 | 38.4  | 40.7 | 195                                                                                    |
| 200                                                                                  | 30.9    | 31.3  | 33.7  | 32.3  | 33.4  | 35.8  | 34.0  | 34.7  | 37.2 | 34.5  | 36.1  | 39.0 | 36.1  | 39.5 | 36.3  | 39.8 | 200                                                                                    |
| 205                                                                                  | 29.0    | 29.3  | 31.7  | 30.4  | 31.4  | 33.7  | 32.0  | 32.7  | 35.1 | 32.6  | 34.1  | 37.0 | 34.0  | 37.5 | 34.4  | 38.0 | 205                                                                                    |
| 210                                                                                  | 27.2    | 27.5  | 29.7  | 28.6  | 29.6  | 31.8  | 30.2  | 30.9  | 33.1 | 30.7  | 32.2  | 34.9 | 32.2  | 35.5 | 32.5  | 36.2 | 210                                                                                    |
| 215                                                                                  | 25.5    | 25.8  | 28.0  | 26.8  | 27.8  | 30.0  | 28.4  | 29.1  | 31.2 | 29.0  | 30.4  | 33.1 | 30.4  | 33.6 | 30.7  | 34.4 | 215                                                                                    |
| 220                                                                                  | 23.9    | 24.2  | 26.2  | 25.2  | 26.1  | 28.2  | 26.8  | 27.4  | 29.4 | 27.3  | 28.7  | 31.3 | 28.7  | 31.8 | 29.0  | 32.6 | 220                                                                                    |
| 225                                                                                  | 22.4    | 22.7  | 24.6  | 23.6  | 24.5  | 26.5  | 25.2  | 25.7  | 27.7 | 25.7  | 27.1  | 29.6 | 27.1  | 30.1 | 27.4  | 30.9 | 225                                                                                    |
| 230                                                                                  | 21.1    | 21.3  | 23.0  | 22.2  | 23.0  | 24.9  | 23.7  | 24.2  | 26.1 | 24.2  | 25.5  | 27.9 | 25.5  | 28.4 | 25.9  | 29.3 | 230                                                                                    |
| 235                                                                                  | 20.0    | 20.1  | 21.7  | 20.9  | 21.7  | 23.4  | 22.2  | 22.8  | 24.5 | 22.8  | 24.0  | 26.3 | 24.1  | 26.9 | 24.4  | 27.7 | 235                                                                                    |
| 240                                                                                  | 18.8    | 19.0  | 20.5  | 19.8  | 20.5  | 22.0  | 21.0  | 21.4  | 23.1 | 21.5  | 22.7  | 24.8 | 22.7  | 25.3 | 23.1  | 26.2 | 240                                                                                    |
| 245                                                                                  | 17.8    | 17.9  | 19.3  | 18.7  | 19.3  | 20.8  | 19.9  | 20.3  | 21.8 | 20.4  | 21.4  | 23.4 | 21.5  | 23.9 | 21.8  | 24.7 | 245                                                                                    |
| 250                                                                                  | 16.8    | 16.9  | 18.2  | 17.6  | 18.3  | 19.6  | 18.8  | 19.2  | 20.6 | 19.3  | 20.3  | 22.1 | 20.3  | 22.5 | 20.6  | 23.4 | 250                                                                                    |
| 255                                                                                  |         |       |       | 16.7  | 17.3  | 18.5  | 17.8  | 18.2  | 19.4 | 18.3  | 19.2  | 20.9 | 19.3  | 21.3 | 19.6  | 22.1 | 255                                                                                    |
| 260                                                                                  |         |       |       | 15.7  | 16.3  | 17.5  | 16.8  | 17.2  | 18.4 | 17.3  | 18.2  | 19.8 | 18.3  | 20.3 | 18.6  | 21.0 | 260                                                                                    |
| 265                                                                                  |         |       |       | 14.8  | 15.3  | 16.5  | 15.9  | 16.2  | 17.4 | 16.3  | 17.3  | 18.8 | 17.3  | 19.2 | 17.6  | 19.9 | 265                                                                                    |
| 270                                                                                  |         |       |       |       | 14.4  | 15.5  | 15.0  | 15.3  | 16.4 | 15.4  | 16.3  | 17.8 | 16.4  | 18.2 | 16.7  | 19.0 | 270                                                                                    |
| 275                                                                                  |         |       |       |       |       |       | 14.1  | 14.4  | 15.4 | 14.6  | 15.4  | 16.8 | 15.5  | 17.3 | 15.8  | 18.0 | 275                                                                                    |
| 280                                                                                  |         |       |       |       |       |       | 13.2  | 13.5  | 14.5 | 13.8  | 14.5  | 15.9 | 14.6  | 16.3 | 15.0  | 17.1 | 280                                                                                    |
| 285                                                                                  |         |       |       |       |       |       | 12.3  | 12.6  | 13.6 | 12.9  | 13.7  | 15.0 | 13.8  | 15.4 | 14.2  | 16.2 | 285                                                                                    |
| 290                                                                                  |         |       |       |       |       |       |       |       | 12.6 | 12.1  | 12.9  | 14.1 | 13.0  | 14.6 | 13.4  | 15.3 | 290                                                                                    |
| 295                                                                                  |         |       |       |       |       |       |       |       |      | 11.2  | 12.1  | 13.3 | 12.2  | 13.7 | 12.6  | 14.5 | 295                                                                                    |
| 300                                                                                  |         |       |       |       |       |       |       |       |      | 10.3  | 11.2  | 12.4 | 11.5  | 12.9 | 11.8  | 13.7 | 300                                                                                    |
| 305                                                                                  |         |       |       |       |       |       |       |       |      |       | 10.3  | 11.5 | 10.7  | 12.1 | 11.0  | 12.9 | 305                                                                                    |
| 310                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 10.6 | 9.8   | 11.4 | 10.2  | 12.1 | 310                                                                                    |
| 315                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 8.9   | 10.5 | 9.3   | 11.3 | 315                                                                                    |
| 320                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 8.1   | 9.6  | 8.5   | 10.5 | 320                                                                                    |
| 325                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 8.7  | 7.7   | 9.7  | 325                                                                                    |
| 330                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 7.9  | 6.9   | 8.8  | 330                                                                                    |
| 335                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      | 6.2   | 8.0  | 335                                                                                    |
| 340                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 7.2  | 340                                                                                    |
| 345                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 6.4  | 345                                                                                    |



22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 266 |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 45                                                                                   | 156.0   |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 45                                                                                     |
| 50                                                                                   | 239.0   | 240.0 |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 222.0   | 225.0 |       | 201.0 |       |       |       |       |      |       |       |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 202.0   | 205.0 | 148.0 | 199.0 | 172.0 |       | 158.0 |       |      |       |       |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 185.0   | 187.0 | 145.0 | 185.0 | 167.0 |       | 158.0 |       |      | 138.0 |       |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 170.0   | 172.0 | 143.0 | 171.0 | 162.0 | 108.0 | 157.0 | 134.0 |      | 136.0 |       |      |       |      |       |      | 70                                                                                     |
| 75                                                                                   | 157.0   | 159.0 | 140.0 | 158.0 | 158.0 | 106.0 | 153.0 | 130.0 |      | 134.0 | 115.0 |      |       |      |       |      | 75                                                                                     |
| 80                                                                                   | 145.0   | 147.0 | 137.0 | 146.0 | 149.0 | 104.0 | 147.0 | 127.0 | 86.9 | 130.0 | 112.0 |      | 102.0 |      | 88.4  |      | 80                                                                                     |
| 85                                                                                   | 135.0   | 137.0 | 135.0 | 136.0 | 139.0 | 103.0 | 137.0 | 123.0 | 85.2 | 125.0 | 109.0 |      | 98.4  |      | 86.9  |      | 85                                                                                     |
| 90                                                                                   | 126.0   | 127.0 | 132.0 | 127.0 | 130.0 | 101.0 | 127.0 | 120.0 | 83.5 | 122.0 | 106.0 |      | 95.7  |      | 85.1  |      | 90                                                                                     |
| 95                                                                                   | 117.0   | 119.0 | 125.0 | 118.0 | 121.0 | 99.3  | 119.0 | 117.0 | 82.0 | 118.0 | 103.0 | 73.1 | 93.1  |      | 83.2  |      | 95                                                                                     |
| 100                                                                                  | 110.0   | 111.0 | 117.0 | 111.0 | 113.0 | 97.7  | 112.0 | 113.0 | 80.5 | 111.0 | 101.0 | 71.6 | 90.6  | 64.8 | 81.3  |      | 100                                                                                    |
| 105                                                                                  | 103.0   | 104.0 | 109.0 | 104.0 | 106.0 | 96.1  | 105.0 | 107.0 | 79.1 | 104.0 | 98.1  | 70.3 | 88.1  | 63.5 | 79.1  | 58.7 | 105                                                                                    |
| 110                                                                                  | 96.1    | 97.3  | 102.0 | 97.4  | 99.8  | 94.6  | 98.8  | 101.0 | 77.7 | 98.0  | 95.7  | 68.9 | 85.6  | 62.1 | 76.9  | 57.4 | 110                                                                                    |
| 115                                                                                  | 89.8    | 90.9  | 95.3  | 91.5  | 93.8  | 93.0  | 93.0  | 94.8  | 76.3 | 92.4  | 93.2  | 67.7 | 83.3  | 60.8 | 74.7  | 56.2 | 115                                                                                    |
| 120                                                                                  | 83.6    | 84.7  | 88.9  | 85.7  | 87.7  | 90.6  | 87.5  | 89.3  | 75.0 | 87.1  | 90.0  | 66.4 | 81.3  | 59.6 | 73.1  | 55.0 | 120                                                                                    |
| 125                                                                                  | 78.2    | 79.0  | 83.0  | 80.1  | 82.0  | 86.4  | 82.1  | 83.7  | 73.7 | 82.2  | 85.1  | 65.2 | 79.3  | 58.5 | 71.6  | 53.9 | 125                                                                                    |
| 130                                                                                  | 72.8    | 73.9  | 77.7  | 74.9  | 76.7  | 80.9  | 76.9  | 78.4  | 72.5 | 77.3  | 79.9  | 64.1 | 77.2  | 57.3 | 70.1  | 52.8 | 130                                                                                    |
| 135                                                                                  | 68.2    | 69.0  | 72.9  | 70.2  | 71.8  | 75.9  | 72.1  | 73.5  | 71.4 | 72.5  | 75.0  | 63.1 | 74.1  | 56.2 | 68.7  | 51.7 | 135                                                                                    |
| 140                                                                                  | 63.7    | 64.6  | 68.2  | 65.7  | 67.5  | 71.3  | 67.6  | 69.0  | 70.2 | 68.1  | 70.5  | 62.0 | 70.3  | 55.2 | 67.1  | 50.6 | 140                                                                                    |
| 145                                                                                  | 59.7    | 60.4  | 64.1  | 61.6  | 63.2  | 67.0  | 63.7  | 64.8  | 68.2 | 64.0  | 66.3  | 61.0 | 66.1  | 54.1 | 65.1  | 49.6 | 145                                                                                    |
| 150                                                                                  | 55.9    | 56.6  | 60.1  | 57.8  | 59.4  | 63.1  | 59.8  | 61.0  | 64.7 | 60.2  | 62.4  | 60.0 | 62.2  | 53.2 | 62.4  | 48.6 | 150                                                                                    |
| 155                                                                                  | 52.4    | 53.1  | 56.5  | 54.2  | 55.7  | 59.2  | 56.2  | 57.4  | 60.9 | 56.7  | 58.8  | 58.9 | 58.6  | 52.2 | 58.7  | 47.6 | 155                                                                                    |
| 160                                                                                  | 49.1    | 49.7  | 53.0  | 50.9  | 52.5  | 55.9  | 52.9  | 54.0  | 57.4 | 53.3  | 55.5  | 58.0 | 55.3  | 51.3 | 55.4  | 46.7 | 160                                                                                    |
| 165                                                                                  | 46.1    | 46.7  | 49.8  | 47.8  | 49.2  | 52.5  | 49.7  | 50.8  | 54.2 | 50.3  | 52.3  | 56.1 | 52.2  | 50.4 | 52.3  | 45.8 | 165                                                                                    |
| 170                                                                                  | 43.2    | 43.7  | 46.9  | 44.9  | 46.3  | 49.5  | 46.8  | 47.8  | 51.0 | 47.3  | 49.3  | 53.1 | 49.3  | 49.6 | 49.4  | 45.0 | 170                                                                                    |
| 175                                                                                  | 40.5    | 41.1  | 44.0  | 42.2  | 43.5  | 46.6  | 44.1  | 45.1  | 48.2 | 44.6  | 46.5  | 50.3 | 46.3  | 48.7 | 46.7  | 44.2 | 175                                                                                    |
| 180                                                                                  | 38.0    | 38.5  | 41.4  | 39.6  | 41.0  | 43.9  | 41.5  | 42.4  | 45.4 | 42.0  | 43.9  | 47.5 | 43.8  | 47.5 | 44.0  | 43.4 | 180                                                                                    |
| 185                                                                                  | 35.6    | 36.1  | 38.9  | 37.2  | 38.4  | 41.3  | 39.0  | 40.0  | 42.9 | 39.6  | 41.4  | 44.9 | 41.3  | 45.4 | 41.6  | 42.6 | 185                                                                                    |
| 190                                                                                  | 33.4    | 33.8  | 36.5  | 34.9  | 36.2  | 38.9  | 36.8  | 37.6  | 40.3 | 37.3  | 39.0  | 42.4 | 39.0  | 43.0 | 39.3  | 41.8 | 190                                                                                    |
| 195                                                                                  | 31.2    | 31.7  | 34.3  | 32.8  | 34.0  | 36.7  | 34.6  | 35.4  | 38.1 | 35.1  | 36.9  | 40.1 | 36.8  | 40.6 | 37.1  | 40.4 | 195                                                                                    |
| 200                                                                                  | 29.3    | 29.7  | 32.2  | 30.7  | 31.9  | 34.5  | 32.6  | 33.3  | 35.8 | 33.1  | 34.7  | 37.9 | 34.7  | 38.4 | 35.0  | 38.9 | 200                                                                                    |
| 205                                                                                  | 27.4    | 27.7  | 30.2  | 28.8  | 30.0  | 32.5  | 30.6  | 31.3  | 33.8 | 31.1  | 32.8  | 35.8 | 32.8  | 36.3 | 33.0  | 37.2 | 205                                                                                    |
| 210                                                                                  | 25.5    | 25.9  | 28.3  | 27.0  | 28.1  | 30.5  | 28.7  | 29.4  | 31.8 | 29.3  | 30.8  | 33.8 | 30.8  | 34.3 | 31.2  | 35.2 | 210                                                                                    |
| 215                                                                                  | 23.9    | 24.2  | 26.5  | 25.3  | 26.3  | 28.6  | 27.0  | 27.7  | 29.9 | 27.5  | 29.1  | 31.9 | 29.1  | 32.4 | 29.4  | 33.2 | 215                                                                                    |
| 220                                                                                  | 22.3    | 22.6  | 24.8  | 23.6  | 24.6  | 26.9  | 25.3  | 25.9  | 28.1 | 25.9  | 27.3  | 30.1 | 27.4  | 30.6 | 27.7  | 31.5 | 220                                                                                    |
| 225                                                                                  | 20.9    | 21.2  | 23.2  | 22.1  | 23.1  | 25.2  | 23.7  | 24.3  | 26.5 | 24.2  | 25.7  | 28.3 | 25.8  | 28.9 | 26.1  | 29.7 | 225                                                                                    |
| 230                                                                                  | 19.7    | 20.0  | 21.7  | 20.8  | 21.6  | 23.6  | 22.3  | 22.8  | 24.8 | 22.8  | 24.1  | 26.7 | 24.2  | 27.2 | 24.5  | 28.1 | 230                                                                                    |
| 235                                                                                  | 18.6    | 18.7  | 20.4  | 19.6  | 20.4  | 22.1  | 21.0  | 21.5  | 23.2 | 21.5  | 22.8  | 25.1 | 22.8  | 25.7 | 23.1  | 26.5 | 235                                                                                    |
| 240                                                                                  | 17.4    | 17.6  | 19.2  | 18.5  | 19.2  | 20.8  | 19.8  | 20.2  | 21.9 | 20.3  | 21.4  | 23.6 | 21.5  | 24.2 | 21.8  | 25.0 | 240                                                                                    |
| 245                                                                                  | 16.4    | 16.5  | 18.0  | 17.4  | 18.1  | 19.6  | 18.7  | 19.1  | 20.6 | 19.1  | 20.2  | 22.2 | 20.3  | 22.7 | 20.6  | 23.6 | 245                                                                                    |
| 250                                                                                  | 15.3    | 15.5  | 17.0  | 16.3  | 17.0  | 18.5  | 17.6  | 18.0  | 19.5 | 18.1  | 19.1  | 21.0 | 19.2  | 21.5 | 19.5  | 22.2 | 250                                                                                    |
| 255                                                                                  | 14.2    | 14.3  | 15.9  | 15.3  | 16.0  | 17.4  | 16.6  | 16.9  | 18.3 | 17.0  | 18.1  | 19.9 | 18.1  | 20.3 | 18.5  | 21.1 | 255                                                                                    |
| 260                                                                                  |         | 13.2  | 14.8  | 14.3  | 15.0  | 16.3  | 15.6  | 15.9  | 17.3 | 16.1  | 17.1  | 18.8 | 17.1  | 19.3 | 17.5  | 20.0 | 260                                                                                    |
| 265                                                                                  |         |       |       | 13.3  | 14.0  | 15.3  | 14.6  | 15.0  | 16.2 | 15.1  | 16.1  | 17.7 | 16.1  | 18.2 | 16.5  | 19.0 | 265                                                                                    |
| 270                                                                                  |         |       |       | 12.2  | 12.9  | 14.3  | 13.7  | 14.0  | 15.3 | 14.2  | 15.1  | 16.7 | 15.2  | 17.2 | 15.6  | 17.9 | 270                                                                                    |
| 275                                                                                  |         |       |       | 11.2  | 11.9  | 13.2  | 12.8  | 13.2  | 14.3 | 13.3  | 14.2  | 15.7 | 14.3  | 16.2 | 14.7  | 17.0 | 275                                                                                    |
| 280                                                                                  |         |       |       |       |       | 12.1  | 11.8  | 12.2  | 13.4 | 12.5  | 13.4  | 14.8 | 13.5  | 15.3 | 13.8  | 16.0 | 280                                                                                    |
| 285                                                                                  |         |       |       |       |       |       | 10.8  | 11.1  | 12.4 | 11.6  | 12.5  | 13.9 | 12.6  | 14.4 | 13.0  | 15.2 | 285                                                                                    |
| 290                                                                                  |         |       |       |       |       |       | 9.8   | 10.1  | 11.4 | 10.7  | 11.7  | 13.0 | 11.8  | 13.5 | 12.2  | 14.3 | 290                                                                                    |
| 295                                                                                  |         |       |       |       |       |       | 8.9   | 9.2   | 10.3 | 9.8   | 10.8  | 12.2 | 11.0  | 12.7 | 11.4  | 13.5 | 295                                                                                    |
| 300                                                                                  |         |       |       |       |       |       |       |       | 9.3  | 8.9   | 9.8   | 11.3 | 10.1  | 11.9 | 10.5  | 12.6 | 300                                                                                    |
| 305                                                                                  |         |       |       |       |       |       |       |       |      | 8.0   | 8.9   | 10.4 | 9.3   | 11.1 | 9.7   | 11.9 | 305                                                                                    |
| 310                                                                                  |         |       |       |       |       |       |       |       |      | 7.2   | 8.0   | 9.4  | 8.4   | 10.2 | 8.8   | 11.1 | 310                                                                                    |
| 315                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 8.4  | 7.6   | 9.3  | 7.9   | 10.2 | 315                                                                                    |
| 320                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 7.5  | 6.7   | 8.4  | 7.1   | 9.3  | 320                                                                                    |
| 325                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 5.9   | 7.5  | 6.4   | 8.4  | 325                                                                                    |
| 330                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 6.7  | 5.6   | 7.6  | 330                                                                                    |
| 335                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 5.9  |       | 6.8  | 335                                                                                    |
| 340                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 6.0  | 340                                                                                    |





22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 276 |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 50                                                                                   | 229.0   | 139.0 |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 220.0   | 222.0 |       | 191.0 |       |       |       |       |      |       |       |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 200.0   | 203.0 | 148.0 | 190.0 | 171.0 |       |       |       |      |       |       |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 183.0   | 186.0 | 145.0 | 184.0 | 166.0 |       | 157.0 |       |      | 133.0 |       |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 169.0   | 171.0 | 143.0 | 169.0 | 162.0 |       | 156.0 | 133.0 |      | 132.0 |       |      |       |      |       |      | 70                                                                                     |
| 75                                                                                   | 156.0   | 158.0 | 140.0 | 157.0 | 158.0 | 106.0 | 153.0 | 129.0 |      | 131.0 | 115.0 |      |       |      |       |      | 75                                                                                     |
| 80                                                                                   | 144.0   | 146.0 | 138.0 | 145.0 | 147.0 | 105.0 | 145.0 | 126.0 |      | 128.0 | 112.0 |      | 101.0 |      |       | 86.7 | 80                                                                                     |
| 85                                                                                   | 134.0   | 136.0 | 135.0 | 135.0 | 137.0 | 103.0 | 135.0 | 123.0 | 84.9 | 124.0 | 109.0 |      | 97.9  |      |       | 85.4 | 85                                                                                     |
| 90                                                                                   | 125.0   | 126.0 | 131.0 | 126.0 | 128.0 | 101.0 | 126.0 | 120.0 | 83.3 | 121.0 | 106.0 |      | 95.3  |      |       | 84.0 | 90                                                                                     |
| 95                                                                                   | 117.0   | 118.0 | 123.0 | 118.0 | 119.0 | 99.4  | 118.0 | 117.0 | 81.8 | 116.0 | 103.0 | 73.1 | 92.7  |      |       | 82.3 | 95                                                                                     |
| 100                                                                                  | 109.0   | 110.0 | 115.0 | 110.0 | 112.0 | 97.8  | 110.0 | 113.0 | 80.3 | 109.0 | 101.0 | 71.6 | 90.3  | 64.8 | 80.6  |      | 100                                                                                    |
| 105                                                                                  | 102.0   | 103.0 | 108.0 | 103.0 | 105.0 | 96.3  | 104.0 | 106.0 | 78.9 | 103.0 | 98.2  | 70.3 | 88.1  | 63.5 | 78.7  | 58.6 | 105                                                                                    |
| 110                                                                                  | 95.7    | 96.9  | 101.0 | 97.0  | 98.6  | 94.9  | 97.5  | 99.4  | 77.7 | 96.7  | 95.8  | 69.0 | 85.8  | 62.2 | 76.7  | 57.2 | 110                                                                                    |
| 115                                                                                  | 89.7    | 90.7  | 94.8  | 91.2  | 92.7  | 93.5  | 91.7  | 93.6  | 76.5 | 91.1  | 93.3  | 67.8 | 83.6  | 61.0 | 74.7  | 56.0 | 115                                                                                    |
| 120                                                                                  | 83.7    | 84.6  | 88.4  | 85.7  | 87.0  | 90.7  | 86.5  | 88.3  | 75.2 | 86.0  | 89.0  | 66.6 | 81.6  | 59.7 | 72.9  | 54.9 | 120                                                                                    |
| 125                                                                                  | 78.1    | 78.9  | 82.6  | 80.1  | 81.4  | 85.9  | 81.4  | 83.0  | 74.0 | 81.2  | 84.1  | 65.4 | 79.7  | 58.6 | 71.3  | 53.7 | 125                                                                                    |
| 130                                                                                  | 73.0    | 73.9  | 77.2  | 74.9  | 76.1  | 80.5  | 76.3  | 77.8  | 72.8 | 76.5  | 79.3  | 64.2 | 77.3  | 57.4 | 69.9  | 52.7 | 130                                                                                    |
| 135                                                                                  | 68.2    | 69.0  | 72.3  | 70.1  | 71.2  | 75.4  | 71.5  | 72.9  | 71.7 | 71.8  | 74.3  | 63.2 | 74.1  | 56.3 | 68.5  | 51.7 | 135                                                                                    |
| 140                                                                                  | 63.9    | 64.6  | 67.8  | 65.9  | 66.8  | 70.8  | 67.0  | 68.4  | 70.7 | 67.4  | 69.9  | 62.2 | 69.6  | 55.3 | 66.9  | 50.6 | 140                                                                                    |
| 145                                                                                  | 59.7    | 60.5  | 63.6  | 61.6  | 62.8  | 66.5  | 62.9  | 64.2  | 68.0 | 63.3  | 65.7  | 61.2 | 65.5  | 54.3 | 65.1  | 49.7 | 145                                                                                    |
| 150                                                                                  | 56.0    | 56.7  | 59.7  | 57.9  | 58.8  | 62.6  | 59.2  | 60.3  | 64.2 | 59.5  | 61.8  | 60.3 | 61.6  | 53.3 | 61.6  | 48.7 | 150                                                                                    |
| 155                                                                                  | 52.5    | 53.1  | 56.0  | 54.3  | 55.3  | 58.9  | 55.5  | 56.9  | 60.4 | 56.1  | 58.2  | 59.4 | 58.0  | 52.4 | 58.1  | 47.8 | 155                                                                                    |
| 160                                                                                  | 49.2    | 49.9  | 52.6  | 51.0  | 51.8  | 55.3  | 52.3  | 53.4  | 56.9 | 52.8  | 54.8  | 58.0 | 54.6  | 51.6 | 54.8  | 46.9 | 160                                                                                    |
| 165                                                                                  | 46.1    | 46.7  | 49.4  | 47.9  | 48.8  | 52.2  | 49.2  | 50.3  | 53.7 | 49.6  | 51.8  | 55.7 | 51.5  | 50.8 | 51.6  | 46.0 | 165                                                                                    |
| 170                                                                                  | 43.3    | 43.9  | 46.4  | 45.0  | 45.7  | 49.0  | 46.3  | 47.3  | 50.6 | 46.8  | 48.7  | 52.6 | 48.7  | 50.0 | 48.7  | 45.2 | 170                                                                                    |
| 175                                                                                  | 40.6    | 41.1  | 43.7  | 42.3  | 43.1  | 46.2  | 43.5  | 44.5  | 47.7 | 44.0  | 46.0  | 49.7 | 45.9  | 49.0 | 46.1  | 44.4 | 175                                                                                    |
| 180                                                                                  | 38.1    | 38.6  | 41.0  | 39.7  | 40.4  | 43.5  | 41.0  | 41.9  | 45.0 | 41.5  | 43.4  | 47.1 | 43.2  | 47.5 | 43.5  | 43.6 | 180                                                                                    |
| 185                                                                                  | 35.7    | 36.1  | 38.5  | 37.3  | 38.0  | 41.0  | 38.5  | 39.4  | 42.4 | 39.0  | 40.9  | 44.4 | 40.8  | 44.9 | 40.9  | 42.8 | 185                                                                                    |
| 190                                                                                  | 33.4    | 33.9  | 36.1  | 35.1  | 35.6  | 38.6  | 36.2  | 37.1  | 40.0 | 36.7  | 38.6  | 42.0 | 38.4  | 42.5 | 38.7  | 42.0 | 190                                                                                    |
| 195                                                                                  | 31.3    | 31.8  | 34.0  | 32.9  | 33.5  | 36.3  | 34.1  | 34.9  | 37.6 | 34.6  | 36.3  | 39.6 | 36.3  | 40.2 | 36.5  | 41.0 | 195                                                                                    |
| 200                                                                                  | 29.3    | 29.7  | 31.8  | 30.9  | 31.4  | 34.1  | 32.0  | 32.8  | 35.5 | 32.5  | 34.3  | 37.4 | 34.2  | 38.0 | 34.4  | 38.8 | 200                                                                                    |
| 205                                                                                  | 27.4    | 27.8  | 29.8  | 28.9  | 29.5  | 32.1  | 30.1  | 30.8  | 33.4 | 30.6  | 32.2  | 35.4 | 32.2  | 35.9 | 32.5  | 36.7 | 205                                                                                    |
| 210                                                                                  | 25.6    | 26.0  | 28.0  | 27.1  | 27.6  | 30.1  | 28.2  | 29.0  | 31.4 | 28.7  | 30.4  | 33.4 | 30.4  | 33.8 | 30.5  | 34.7 | 210                                                                                    |
| 215                                                                                  | 23.9    | 24.3  | 26.1  | 25.3  | 25.9  | 28.3  | 26.5  | 27.2  | 29.5 | 27.0  | 28.6  | 31.5 | 28.5  | 32.0 | 28.8  | 32.8 | 215                                                                                    |
| 220                                                                                  | 22.4    | 22.7  | 24.5  | 23.7  | 24.2  | 26.5  | 24.8  | 25.5  | 27.8 | 25.3  | 26.9  | 29.7 | 26.9  | 30.1 | 27.1  | 31.0 | 220                                                                                    |
| 225                                                                                  | 21.0    | 21.3  | 22.9  | 22.2  | 22.6  | 24.8  | 23.3  | 23.9  | 26.1 | 23.8  | 25.2  | 27.9 | 25.2  | 28.5 | 25.5  | 29.3 | 225                                                                                    |
| 230                                                                                  | 19.8    | 20.0  | 21.4  | 20.9  | 21.3  | 23.2  | 21.8  | 22.4  | 24.4 | 22.3  | 23.7  | 26.3 | 23.7  | 26.8 | 24.0  | 27.6 | 230                                                                                    |
| 235                                                                                  | 18.6    | 18.8  | 20.2  | 19.7  | 20.0  | 21.8  | 20.6  | 21.1  | 22.9 | 21.0  | 22.3  | 24.7 | 22.3  | 25.2 | 22.5  | 26.1 | 235                                                                                    |
| 240                                                                                  | 17.4    | 17.6  | 19.0  | 18.5  | 18.9  | 20.5  | 19.4  | 19.9  | 21.6 | 19.8  | 21.0  | 23.2 | 21.0  | 23.7 | 21.3  | 24.6 | 240                                                                                    |
| 245                                                                                  | 16.4    | 16.6  | 17.8  | 17.4  | 17.7  | 19.4  | 18.3  | 18.7  | 20.3 | 18.7  | 19.9  | 21.9 | 19.9  | 22.4 | 20.1  | 23.2 | 245                                                                                    |
| 250                                                                                  | 15.3    | 15.5  | 16.7  | 16.3  | 16.7  | 18.2  | 17.2  | 17.6  | 19.1 | 17.6  | 18.8  | 20.7 | 18.8  | 21.1 | 19.1  | 21.9 | 250                                                                                    |
| 255                                                                                  | 14.2    | 14.4  | 15.7  | 15.3  | 15.6  | 17.1  | 16.2  | 16.6  | 18.0 | 16.6  | 17.7  | 19.5 | 17.7  | 20.0 | 18.0  | 20.7 | 255                                                                                    |
| 260                                                                                  | 13.1    | 13.3  | 14.6  | 14.4  | 14.6  | 16.1  | 15.2  | 15.6  | 17.0 | 15.6  | 16.7  | 18.5 | 16.7  | 18.9 | 17.0  | 19.6 | 260                                                                                    |
| 265                                                                                  | 12.0    | 12.2  | 13.5  | 13.4  | 13.7  | 15.1  | 14.2  | 14.6  | 16.0 | 14.7  | 15.7  | 17.4 | 15.8  | 17.9 | 16.0  | 18.6 | 265                                                                                    |
| 270                                                                                  |         |       | 12.3  | 12.3  | 12.7  | 14.1  | 13.3  | 13.7  | 15.0 | 13.8  | 14.8  | 16.4 | 14.8  | 16.9 | 15.1  | 17.6 | 270                                                                                    |
| 275                                                                                  |         |       |       | 11.3  | 11.6  | 13.1  | 12.4  | 12.8  | 14.0 | 12.9  | 13.9  | 15.5 | 13.9  | 15.9 | 14.2  | 16.6 | 275                                                                                    |
| 280                                                                                  |         |       |       | 10.2  | 10.5  | 12.0  | 11.4  | 11.8  | 13.1 | 12.1  | 13.0  | 14.5 | 13.1  | 15.0 | 13.4  | 15.7 | 280                                                                                    |
| 285                                                                                  |         |       |       | 9.3   | 9.5   | 10.9  | 10.5  | 10.8  | 12.2 | 11.2  | 12.2  | 13.6 | 12.2  | 14.1 | 12.6  | 14.8 | 285                                                                                    |
| 290                                                                                  |         |       |       |       |       |       | 9.5   | 9.8   | 11.2 | 10.3  | 11.3  | 12.8 | 11.4  | 13.2 | 11.8  | 13.9 | 290                                                                                    |
| 295                                                                                  |         |       |       |       |       |       | 8.5   | 8.9   | 10.2 | 9.4   | 10.4  | 11.9 | 10.7  | 12.4 | 10.9  | 13.1 | 295                                                                                    |
| 300                                                                                  |         |       |       |       |       |       | 7.7   | 7.9   | 9.2  | 8.5   | 9.5   | 11.1 | 9.9   | 11.6 | 10.1  | 12.3 | 300                                                                                    |
| 305                                                                                  |         |       |       |       |       |       |       | 7.1   | 8.2  | 7.6   | 8.6   | 10.2 | 8.9   | 10.8 | 9.3   | 11.5 | 305                                                                                    |
| 310                                                                                  |         |       |       |       |       |       |       |       |      | 6.8   | 7.7   | 9.2  | 8.0   | 10.0 | 8.4   | 10.7 | 310                                                                                    |
| 315                                                                                  |         |       |       |       |       |       |       |       |      | 6.0   | 6.8   | 8.2  | 7.2   | 9.1  | 7.6   | 9.9  | 315                                                                                    |
| 320                                                                                  |         |       |       |       |       |       |       |       |      |       | 6.0   | 7.3  | 6.4   | 8.2  | 6.7   | 9.1  | 320                                                                                    |
| 325                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 6.5  | 5.6   | 7.3  | 6.0   | 8.2  | 325                                                                                    |
| 330                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 6.5  |       | 7.4  | 330                                                                                    |
| 335                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 5.7  |       | 6.5  | 335                                                                                    |
| 340                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 5.8  | 340                                                                                    |



22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 285 |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 50                                                                                   | 223.0   |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 215.0   | 216.0 |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 197.0   | 199.0 | 148.0 | 185.0 |       |       |       |       |      |       |       |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 180.0   | 182.0 | 145.0 | 180.0 | 164.0 |       | 155.0 |       |      | 131.0 |       |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 166.0   | 168.0 | 143.0 | 166.0 | 161.0 |       | 153.0 |       |      | 130.0 |       |      |       |      |       |      | 70                                                                                     |
| 75                                                                                   | 153.0   | 155.0 | 140.0 | 153.0 | 155.0 | 106.0 | 150.0 | 129.0 |      | 129.0 |       |      |       |      |       |      | 75                                                                                     |
| 80                                                                                   | 142.0   | 143.0 | 138.0 | 142.0 | 145.0 | 105.0 | 142.0 | 126.0 |      | 127.0 | 111.0 |      | 100.0 |      | 85.9  |      | 80                                                                                     |
| 85                                                                                   | 131.0   | 133.0 | 135.0 | 132.0 | 135.0 | 103.0 | 132.0 | 123.0 | 84.9 | 124.0 | 108.0 |      | 97.5  |      | 84.7  |      | 85                                                                                     |
| 90                                                                                   | 122.0   | 124.0 | 129.0 | 123.0 | 125.0 | 101.0 | 124.0 | 120.0 | 83.4 | 121.0 | 106.0 |      | 95.0  |      | 83.3  |      | 90                                                                                     |
| 95                                                                                   | 114.0   | 115.0 | 121.0 | 115.0 | 117.0 | 99.5  | 115.0 | 116.0 | 82.0 | 114.0 | 103.0 | 73.0 | 92.5  |      | 81.2  |      | 95                                                                                     |
| 100                                                                                  | 106.0   | 108.0 | 113.0 | 108.0 | 110.0 | 98.0  | 108.0 | 110.0 | 80.7 | 107.0 | 101.0 | 71.6 | 90.1  |      | 79.1  |      | 100                                                                                    |
| 105                                                                                  | 99.5    | 101.0 | 106.0 | 101.0 | 103.0 | 96.5  | 101.0 | 104.0 | 79.4 | 101.0 | 98.2  | 70.3 | 87.9  | 63.3 | 77.2  |      | 105                                                                                    |
| 110                                                                                  | 93.3    | 94.5  | 99.3  | 94.7  | 96.4  | 95.1  | 95.3  | 97.4  | 78.0 | 94.6  | 95.8  | 69.0 | 85.7  | 62.0 | 75.7  | 57.1 | 110                                                                                    |
| 115                                                                                  | 87.5    | 88.6  | 93.2  | 89.0  | 90.5  | 93.4  | 89.7  | 91.6  | 76.7 | 89.1  | 92.0  | 67.8 | 83.6  | 60.9 | 74.2  | 55.9 | 115                                                                                    |
| 120                                                                                  | 81.9    | 83.1  | 87.0  | 83.7  | 85.1  | 90.6  | 84.4  | 86.3  | 75.4 | 83.9  | 87.1  | 66.7 | 81.6  | 59.8 | 72.8  | 54.8 | 120                                                                                    |
| 125                                                                                  | 76.4    | 77.3  | 81.1  | 78.5  | 79.8  | 84.6  | 79.5  | 81.3  | 74.3 | 79.1  | 82.2  | 65.6 | 79.4  | 58.7 | 71.4  | 53.7 | 125                                                                                    |
| 130                                                                                  | 71.4    | 72.1  | 75.8  | 73.4  | 74.6  | 79.2  | 74.8  | 76.4  | 73.1 | 74.7  | 77.7  | 64.5 | 76.5  | 57.6 | 70.0  | 52.7 | 130                                                                                    |
| 135                                                                                  | 66.6    | 67.5  | 70.9  | 68.6  | 69.8  | 74.1  | 70.0  | 71.5  | 71.8 | 70.3  | 73.1  | 63.4 | 72.4  | 56.5 | 68.6  | 51.6 | 135                                                                                    |
| 140                                                                                  | 62.2    | 62.9  | 66.4  | 64.2  | 65.3  | 69.5  | 65.6  | 67.0  | 70.0 | 66.0  | 68.6  | 62.3 | 68.2  | 55.5 | 67.2  | 50.6 | 140                                                                                    |
| 145                                                                                  | 58.2    | 59.0  | 62.2  | 60.2  | 61.2  | 65.2  | 61.5  | 62.9  | 67.1 | 61.9  | 64.4  | 61.3 | 64.2  | 54.6 | 63.9  | 49.6 | 145                                                                                    |
| 150                                                                                  | 54.4    | 55.0  | 58.3  | 56.3  | 57.4  | 61.2  | 57.7  | 59.0  | 63.0 | 58.1  | 60.5  | 60.4 | 60.3  | 53.6 | 60.3  | 48.7 | 150                                                                                    |
| 155                                                                                  | 50.9    | 51.6  | 54.6  | 52.9  | 53.8  | 57.6  | 54.2  | 55.4  | 59.2 | 54.5  | 56.9  | 59.4 | 56.7  | 52.8 | 56.8  | 47.9 | 155                                                                                    |
| 160                                                                                  | 47.6    | 48.2  | 51.2  | 49.4  | 50.5  | 54.1  | 50.8  | 52.1  | 55.7 | 51.4  | 53.5  | 57.9 | 53.4  | 51.9 | 53.5  | 47.0 | 160                                                                                    |
| 165                                                                                  | 44.6    | 45.2  | 48.0  | 46.4  | 47.2  | 50.8  | 47.8  | 48.8  | 52.4 | 48.2  | 50.4  | 54.6 | 50.2  | 51.0 | 50.4  | 46.2 | 165                                                                                    |
| 170                                                                                  | 41.7    | 42.2  | 45.0  | 43.4  | 44.4  | 47.8  | 44.8  | 46.0  | 49.4 | 45.3  | 47.5  | 51.5 | 47.2  | 50.2 | 47.4  | 45.4 | 170                                                                                    |
| 175                                                                                  | 39.0    | 39.6  | 42.2  | 40.8  | 41.5  | 44.9  | 42.1  | 43.1  | 46.4 | 42.6  | 44.6  | 48.6 | 44.6  | 48.8 | 44.6  | 44.7 | 175                                                                                    |
| 180                                                                                  | 36.5    | 37.0  | 39.6  | 38.2  | 39.0  | 42.2  | 39.5  | 40.5  | 43.7 | 39.9  | 42.1  | 45.9 | 41.9  | 46.4 | 42.2  | 44.0 | 180                                                                                    |
| 185                                                                                  | 34.1    | 34.6  | 37.1  | 35.8  | 36.5  | 39.6  | 37.1  | 38.0  | 41.1 | 37.6  | 39.5  | 43.3 | 39.5  | 43.8 | 39.7  | 43.1 | 185                                                                                    |
| 190                                                                                  | 31.9    | 32.3  | 34.8  | 33.5  | 34.2  | 37.2  | 34.8  | 35.7  | 38.7 | 35.3  | 37.2  | 40.7 | 37.2  | 41.3 | 37.3  | 42.0 | 190                                                                                    |
| 195                                                                                  | 29.7    | 30.2  | 32.5  | 31.4  | 32.0  | 34.9  | 32.6  | 33.5  | 36.4 | 33.2  | 35.0  | 38.5 | 34.9  | 39.1 | 35.2  | 39.8 | 195                                                                                    |
| 200                                                                                  | 27.7    | 28.2  | 30.4  | 29.3  | 30.0  | 32.8  | 30.6  | 31.4  | 34.2 | 31.1  | 32.9  | 36.2 | 32.9  | 36.8 | 33.1  | 37.7 | 200                                                                                    |
| 205                                                                                  | 25.8    | 26.3  | 28.4  | 27.4  | 28.0  | 30.7  | 28.6  | 29.5  | 32.2 | 29.1  | 30.9  | 34.2 | 30.9  | 34.7 | 31.2  | 35.6 | 205                                                                                    |
| 210                                                                                  | 24.0    | 24.4  | 26.5  | 25.6  | 26.2  | 28.8  | 26.8  | 27.6  | 30.1 | 27.3  | 29.0  | 32.2 | 29.0  | 32.7 | 29.3  | 33.5 | 210                                                                                    |
| 215                                                                                  | 22.3    | 22.7  | 24.7  | 23.9  | 24.4  | 26.9  | 25.0  | 25.8  | 28.3 | 25.5  | 27.3  | 30.3 | 27.2  | 30.8 | 27.4  | 31.7 | 215                                                                                    |
| 220                                                                                  | 21.0    | 21.3  | 23.0  | 22.2  | 22.8  | 25.2  | 23.4  | 24.1  | 26.5 | 23.9  | 25.5  | 28.5 | 25.5  | 29.0 | 25.8  | 29.9 | 220                                                                                    |
| 225                                                                                  | 19.6    | 19.9  | 21.6  | 20.9  | 21.3  | 23.5  | 21.8  | 22.6  | 24.8 | 22.3  | 23.9  | 26.7 | 23.9  | 27.3 | 24.2  | 28.1 | 225                                                                                    |
| 230                                                                                  | 18.4    | 18.7  | 20.2  | 19.6  | 20.0  | 22.0  | 20.6  | 21.1  | 23.2 | 21.0  | 22.4  | 25.1 | 22.4  | 25.6 | 22.7  | 26.5 | 230                                                                                    |
| 235                                                                                  | 17.2    | 17.4  | 18.9  | 18.4  | 18.8  | 20.7  | 19.3  | 19.9  | 21.8 | 19.8  | 21.1  | 23.5 | 21.1  | 24.0 | 21.4  | 24.9 | 235                                                                                    |
| 240                                                                                  | 16.1    | 16.3  | 17.7  | 17.2  | 17.6  | 19.4  | 18.2  | 18.6  | 20.4 | 18.6  | 19.8  | 22.1 | 19.9  | 22.6 | 20.1  | 23.5 | 240                                                                                    |
| 245                                                                                  | 15.0    | 15.2  | 16.6  | 16.1  | 16.5  | 18.2  | 17.0  | 17.5  | 19.2 | 17.5  | 18.7  | 20.8 | 18.7  | 21.3 | 19.0  | 22.1 | 245                                                                                    |
| 250                                                                                  | 13.8    | 14.1  | 15.5  | 15.1  | 15.4  | 17.1  | 16.0  | 16.4  | 18.1 | 16.4  | 17.6  | 19.6 | 17.6  | 20.1 | 17.9  | 20.8 | 250                                                                                    |
| 255                                                                                  | 12.6    | 12.9  | 14.4  | 14.0  | 14.4  | 16.0  | 14.9  | 15.4  | 16.9 | 15.4  | 16.5  | 18.5 | 16.6  | 19.0 | 16.9  | 19.7 | 255                                                                                    |
| 260                                                                                  | 11.5    | 11.7  | 13.2  | 13.0  | 13.3  | 14.9  | 14.0  | 14.4  | 15.9 | 14.4  | 15.5  | 17.4 | 15.6  | 17.9 | 15.9  | 18.6 | 260                                                                                    |
| 265                                                                                  | 10.4    | 10.6  | 12.0  | 11.9  | 12.2  | 13.9  | 13.0  | 13.4  | 14.8 | 13.5  | 14.5  | 16.4 | 14.6  | 16.8 | 14.9  | 17.6 | 265                                                                                    |
| 270                                                                                  | 9.3     | 9.5   | 10.9  | 10.8  | 11.1  | 12.9  | 12.1  | 12.5  | 13.9 | 12.6  | 13.6  | 15.4 | 13.7  | 15.8 | 14.0  | 16.5 | 270                                                                                    |
| 275                                                                                  |         | 8.5   | 9.7   | 9.7   | 10.1  | 11.8  | 11.0  | 11.5  | 12.9 | 11.7  | 12.7  | 14.4 | 12.8  | 14.9 | 13.1  | 15.6 | 275                                                                                    |
| 280                                                                                  |         |       |       | 8.7   | 9.0   | 10.7  | 9.9   | 10.4  | 12.0 | 10.8  | 11.8  | 13.5 | 11.9  | 13.9 | 12.2  | 14.6 | 280                                                                                    |
| 285                                                                                  |         |       |       | 7.7   | 8.0   | 9.6   | 9.0   | 9.4   | 11.0 | 9.8   | 11.0  | 12.6 | 11.1  | 13.0 | 11.4  | 13.8 | 285                                                                                    |
| 290                                                                                  |         |       |       | 6.8   | 7.0   | 8.5   | 8.0   | 8.4   | 9.9  | 8.9   | 10.0  | 11.7 | 10.2  | 12.2 | 10.6  | 12.9 | 290                                                                                    |
| 295                                                                                  |         |       |       |       | 6.1   | 7.5   | 7.1   | 7.5   | 8.9  | 7.8   | 9.1   | 10.8 | 9.4   | 11.3 | 9.7   | 12.1 | 295                                                                                    |
| 300                                                                                  |         |       |       |       |       |       | 6.2   | 6.5   | 7.9  | 7.0   | 8.0   | 9.9  | 8.5   | 10.5 | 8.9   | 11.3 | 300                                                                                    |
| 305                                                                                  |         |       |       |       |       |       |       | 5.7   | 6.9  | 6.2   | 7.2   | 8.9  | 7.6   | 9.7  | 8.0   | 10.5 | 305                                                                                    |
| 310                                                                                  |         |       |       |       |       |       |       |       | 6.0  |       | 6.3   | 7.9  | 6.7   | 8.9  | 7.1   | 9.6  | 310                                                                                    |
| 315                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 7.0  | 5.8   | 7.9  | 6.3   | 8.8  | 315                                                                                    |
| 320                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 6.1  |       | 7.0  |       | 7.9  | 320                                                                                    |
| 325                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      | 6.1   |      |       | 7.0  | 325                                                                                    |
| 330                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 6.2  | 330                                                                                    |



22,050 lb /  
88,200 lb



110,250 lb - 374,800 lb

|  ft | SL3 295 |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 118 |      | F 138 |      |                                                                                        |
|                                                                                      | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 15°   | 30°  | 15°   | 30°  |                                                                                        |
| 50                                                                                   | 211.0   |       |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 50                                                                                     |
| 55                                                                                   | 207.0   | 206.0 |       |       |       |       |       |       |      |       |       |      |       |      |       |      | 55                                                                                     |
| 60                                                                                   | 193.0   | 195.0 |       | 175.0 |       |       |       |       |      |       |       |      |       |      |       |      | 60                                                                                     |
| 65                                                                                   | 177.0   | 179.0 | 145.0 | 173.0 | 157.0 |       | 147.0 |       |      |       |       |      |       |      |       |      | 65                                                                                     |
| 70                                                                                   | 163.0   | 165.0 | 143.0 | 163.0 | 155.0 |       | 145.0 |       |      | 124.0 |       |      |       |      |       |      | 70                                                                                     |
| 75                                                                                   | 150.0   | 152.0 | 141.0 | 151.0 | 152.0 | 106.0 | 143.0 | 126.0 |      | 123.0 |       |      |       |      |       |      | 75                                                                                     |
| 80                                                                                   | 139.0   | 141.0 | 138.0 | 140.0 | 143.0 | 104.0 | 139.0 | 124.0 |      | 122.0 | 109.0 |      | 97.4  |      |       |      | 80                                                                                     |
| 85                                                                                   | 129.0   | 131.0 | 135.0 | 130.0 | 133.0 | 103.0 | 130.0 | 122.0 |      | 121.0 | 106.0 |      | 95.8  |      | 82.4  |      | 85                                                                                     |
| 90                                                                                   | 120.0   | 121.0 | 127.0 | 121.0 | 124.0 | 101.0 | 121.0 | 120.0 | 79.7 | 119.0 | 104.0 |      | 94.1  |      | 81.3  |      | 90                                                                                     |
| 95                                                                                   | 112.0   | 113.0 | 119.0 | 113.0 | 116.0 | 99.7  | 113.0 | 116.0 | 79.7 | 112.0 | 101.0 | 72.8 | 92.0  |      | 79.7  |      | 95                                                                                     |
| 100                                                                                  | 104.0   | 106.0 | 111.0 | 106.0 | 108.0 | 98.2  | 106.0 | 108.0 | 79.7 | 105.0 | 98.6  | 71.5 | 89.7  |      | 78.0  |      | 100                                                                                    |
| 105                                                                                  | 97.5    | 98.7  | 104.0 | 98.9  | 102.0 | 96.7  | 99.5  | 102.0 | 79.6 | 98.7  | 96.5  | 70.2 | 87.5  | 63.1 | 76.3  |      | 105                                                                                    |
| 110                                                                                  | 91.2    | 92.4  | 97.4  | 92.8  | 95.3  | 95.2  | 93.4  | 95.5  | 78.8 | 92.8  | 93.5  | 69.1 | 85.5  | 61.8 | 74.8  | 56.9 | 110                                                                                    |
| 115                                                                                  | 85.5    | 86.7  | 91.4  | 87.1  | 89.6  | 93.0  | 87.8  | 89.8  | 77.7 | 87.2  | 89.6  | 68.0 | 83.5  | 60.7 | 73.4  | 55.7 | 115                                                                                    |
| 120                                                                                  | 80.1    | 81.3  | 85.7  | 81.8  | 84.2  | 88.8  | 82.6  | 84.4  | 76.7 | 82.1  | 84.4  | 66.8 | 81.4  | 59.5 | 71.9  | 54.6 | 120                                                                                    |
| 125                                                                                  | 75.0    | 76.0  | 79.9  | 76.8  | 79.1  | 83.5  | 77.8  | 79.6  | 75.7 | 77.4  | 79.6  | 65.6 | 79.0  | 58.4 | 70.5  | 53.6 | 125                                                                                    |
| 130                                                                                  | 69.8    | 70.8  | 74.5  | 72.0  | 74.1  | 78.1  | 73.2  | 74.9  | 74.6 | 73.0  | 75.1  | 64.5 | 74.9  | 57.4 | 69.2  | 52.6 | 130                                                                                    |
| 135                                                                                  | 65.3    | 66.1  | 69.6  | 67.3  | 69.2  | 73.0  | 68.8  | 70.4  | 73.2 | 68.8  | 70.8  | 63.5 | 70.6  | 56.4 | 67.9  | 51.7 | 135                                                                                    |
| 140                                                                                  | 60.8    | 61.8  | 65.1  | 62.9  | 64.7  | 68.4  | 64.3  | 65.8  | 71.0 | 64.7  | 66.5  | 62.5 | 66.6  | 55.5 | 65.3  | 50.7 | 140                                                                                    |
| 145                                                                                  | 56.9    | 57.6  | 61.0  | 58.9  | 60.6  | 64.1  | 60.2  | 61.6  | 66.7 | 60.7  | 62.4  | 61.6 | 62.9  | 54.6 | 62.1  | 49.7 | 145                                                                                    |
| 150                                                                                  | 53.0    | 53.9  | 57.0  | 55.1  | 56.9  | 60.1  | 56.4  | 57.8  | 62.7 | 56.9  | 58.6  | 60.6 | 59.2  | 53.7 | 58.7  | 48.8 | 150                                                                                    |
| 155                                                                                  | 49.6    | 50.2  | 53.5  | 51.5  | 53.2  | 56.4  | 53.0  | 54.2  | 58.9 | 53.3  | 54.9  | 59.6 | 55.6  | 52.8 | 55.5  | 47.9 | 155                                                                                    |
| 160                                                                                  | 46.3    | 47.0  | 50.0  | 48.3  | 49.9  | 53.0  | 49.7  | 50.9  | 55.4 | 50.0  | 51.5  | 56.9 | 52.2  | 52.0 | 52.3  | 47.1 | 160                                                                                    |
| 165                                                                                  | 43.3    | 43.8  | 46.9  | 45.1  | 46.8  | 49.7  | 46.5  | 47.7  | 52.1 | 47.1  | 48.4  | 53.6 | 49.1  | 51.2 | 49.2  | 46.3 | 165                                                                                    |
| 170                                                                                  | 40.4    | 41.1  | 43.8  | 42.3  | 43.8  | 46.7  | 43.7  | 44.7  | 49.0 | 44.1  | 45.6  | 50.5 | 46.1  | 50.1 | 46.3  | 45.5 | 170                                                                                    |
| 175                                                                                  | 37.7    | 38.3  | 41.1  | 39.5  | 41.1  | 43.8  | 40.8  | 42.0  | 46.2 | 41.4  | 42.8  | 47.6 | 43.4  | 48.1 | 43.5  | 44.7 | 175                                                                                    |
| 180                                                                                  | 35.2    | 35.8  | 38.4  | 37.0  | 38.4  | 41.1  | 38.4  | 39.3  | 43.3 | 38.9  | 40.1  | 44.8 | 40.9  | 45.4 | 41.0  | 44.0 | 180                                                                                    |
| 185                                                                                  | 32.8    | 33.3  | 36.0  | 34.6  | 36.1  | 38.6  | 35.9  | 36.9  | 40.8 | 36.4  | 37.7  | 42.3 | 38.3  | 42.8 | 38.6  | 43.0 | 185                                                                                    |
| 190                                                                                  | 30.6    | 31.1  | 33.6  | 32.3  | 33.7  | 36.2  | 33.6  | 34.6  | 38.4 | 34.2  | 35.3  | 39.8 | 36.1  | 40.3 | 36.2  | 41.2 | 190                                                                                    |
| 195                                                                                  | 28.5    | 28.9  | 31.4  | 30.2  | 31.5  | 33.9  | 31.5  | 32.4  | 36.1 | 31.9  | 33.2  | 37.5 | 33.9  | 38.0 | 34.0  | 38.8 | 195                                                                                    |
| 200                                                                                  | 26.5    | 27.0  | 29.3  | 28.2  | 29.4  | 31.7  | 29.4  | 30.3  | 33.9 | 29.9  | 31.0  | 35.3 | 31.7  | 35.8 | 32.0  | 36.6 | 200                                                                                    |
| 205                                                                                  | 24.6    | 25.0  | 27.3  | 26.2  | 27.5  | 29.7  | 27.5  | 28.3  | 31.8 | 28.0  | 29.1  | 33.1 | 29.8  | 33.7 | 30.0  | 34.6 | 205                                                                                    |
| 210                                                                                  | 22.8    | 23.2  | 25.4  | 24.4  | 25.6  | 27.7  | 25.6  | 26.4  | 29.8 | 26.2  | 27.2  | 31.2 | 27.9  | 31.8 | 28.2  | 32.6 | 210                                                                                    |
| 215                                                                                  | 21.3    | 21.6  | 23.6  | 22.7  | 23.9  | 25.9  | 23.9  | 24.6  | 27.9 | 24.4  | 25.4  | 29.3 | 26.1  | 29.8 | 26.4  | 30.7 | 215                                                                                    |
| 220                                                                                  | 19.9    | 20.2  | 22.0  | 21.2  | 22.2  | 24.2  | 22.2  | 23.0  | 26.1 | 22.7  | 23.7  | 27.5 | 24.4  | 28.1 | 24.7  | 28.9 | 220                                                                                    |
| 225                                                                                  | 18.6    | 18.9  | 20.6  | 19.8  | 20.8  | 22.5  | 20.9  | 21.5  | 24.4 | 21.4  | 22.1  | 25.8 | 22.8  | 26.3 | 23.2  | 27.1 | 225                                                                                    |
| 230                                                                                  | 17.3    | 17.6  | 19.3  | 18.6  | 19.5  | 21.1  | 19.6  | 20.2  | 22.9 | 20.0  | 20.8  | 24.1 | 21.5  | 24.7 | 21.7  | 25.5 | 230                                                                                    |
| 235                                                                                  | 16.2    | 16.4  | 18.0  | 17.4  | 18.3  | 19.8  | 18.4  | 18.9  | 21.4 | 18.8  | 19.5  | 22.6 | 20.1  | 23.2 | 20.4  | 24.0 | 235                                                                                    |
| 240                                                                                  | 15.0    | 15.3  | 16.8  | 16.2  | 17.1  | 18.5  | 17.2  | 17.7  | 20.1 | 17.6  | 18.4  | 21.2 | 19.0  | 21.7 | 19.2  | 22.4 | 240                                                                                    |
| 245                                                                                  | 13.9    | 14.2  | 15.6  | 15.1  | 16.0  | 17.3  | 16.1  | 16.6  | 18.9 | 16.5  | 17.2  | 20.0 | 17.8  | 20.5 | 18.1  | 21.2 | 245                                                                                    |
| 250                                                                                  | 12.7    | 13.0  | 14.5  | 14.1  | 14.9  | 16.2  | 15.0  | 15.5  | 17.7 | 15.5  | 16.1  | 18.8 | 16.7  | 19.3 | 17.0  | 20.0 | 250                                                                                    |
| 255                                                                                  | 11.4    | 11.7  | 13.4  | 13.0  | 13.8  | 15.1  | 14.0  | 14.4  | 16.6 | 14.4  | 15.1  | 17.7 | 15.7  | 18.1 | 15.9  | 18.9 | 255                                                                                    |
| 260                                                                                  | 10.3    | 10.5  | 12.2  | 11.9  | 12.8  | 14.1  | 13.0  | 13.4  | 15.5 | 13.5  | 14.0  | 16.6 | 14.6  | 17.1 | 14.9  | 17.8 | 260                                                                                    |
| 265                                                                                  | 9.2     | 9.4   | 11.0  | 10.8  | 11.7  | 13.0  | 12.0  | 12.4  | 14.5 | 12.5  | 13.1  | 15.6 | 13.7  | 16.0 | 14.0  | 16.7 | 265                                                                                    |
| 270                                                                                  | 8.1     | 8.4   | 9.9   | 9.6   | 10.6  | 12.0  | 11.0  | 11.4  | 13.5 | 11.6  | 12.1  | 14.5 | 12.7  | 15.0 | 13.0  | 15.8 | 270                                                                                    |
| 275                                                                                  | 7.0     | 7.3   | 8.7   | 8.6   | 9.4   | 10.8  | 9.9   | 10.4  | 12.5 | 10.7  | 11.3  | 13.6 | 11.9  | 14.0 | 12.2  | 14.8 | 275                                                                                    |
| 280                                                                                  | 6.1     | 6.3   | 7.6   | 7.6   | 8.4   | 9.7   | 8.9   | 9.4   | 11.6 | 9.7   | 10.3  | 12.6 | 11.0  | 13.1 | 11.3  | 13.9 | 280                                                                                    |
| 285                                                                                  |         |       | 6.6   | 6.6   | 7.4   | 8.6   | 7.8   | 8.3   | 10.6 | 8.7   | 9.3   | 11.8 | 10.1  | 12.2 | 10.4  | 12.9 | 285                                                                                    |
| 290                                                                                  |         |       |       | 5.7   | 6.5   | 7.6   | 6.8   | 7.3   | 9.5  | 7.8   | 8.4   | 10.9 | 9.3   | 11.4 | 9.6   | 12.1 | 290                                                                                    |
| 295                                                                                  |         |       |       |       |       | 6.6   | 5.9   | 6.3   | 8.4  | 6.8   | 7.4   | 10.0 | 8.4   | 10.5 | 8.7   | 11.3 | 295                                                                                    |
| 300                                                                                  |         |       |       |       |       | 5.6   |       |       | 7.4  | 5.9   | 6.5   | 9.0  | 7.4   | 9.7  | 7.7   | 10.5 | 300                                                                                    |
| 305                                                                                  |         |       |       |       |       |       |       |       | 6.5  |       | 5.6   | 8.1  | 6.5   | 8.9  | 6.8   | 9.7  | 305                                                                                    |
| 310                                                                                  |         |       |       |       |       |       |       |       | 5.5  |       |       | 7.1  | 5.7   | 7.9  | 5.9   | 8.8  | 310                                                                                    |
| 315                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 6.1  |       | 7.0  |       | 7.9  | 315                                                                                    |
| 320                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       | 6.1  |       | 7.0  | 320                                                                                    |
| 325                                                                                  |         |       |       |       |       |       |       |       |      |       |       |      |       |      |       | 6.1  | 325                                                                                    |



22,050 lb /  
88,200 lb



110,250 lb – 374,800 lb

|  ft | SL3 305 |       |       |       |       |       |       |       |      |       |       |      |  ft |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|----------------------------------------------------------------------------------------|
|                                                                                      | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      |                                                                                        |
|                                                                                      | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  |                                                                                        |
| 50                                                                                   | 206.0   |       |       |       |       |       |       |       |      |       |       |      | 50                                                                                     |
| 55                                                                                   | 200.0   | 200.0 |       |       |       |       |       |       |      |       |       |      | 55                                                                                     |
| 60                                                                                   | 190.0   | 191.0 |       | 170.0 |       |       |       |       |      |       |       |      | 60                                                                                     |
| 65                                                                                   | 173.0   | 176.0 | 145.0 | 168.0 | 154.0 |       | 143.0 |       |      |       |       |      | 65                                                                                     |
| 70                                                                                   | 159.0   | 162.0 | 143.0 | 160.0 | 152.0 |       | 142.0 |       |      | 121.0 |       |      | 70                                                                                     |
| 75                                                                                   | 147.0   | 149.0 | 141.0 | 148.0 | 149.0 | 106.0 | 139.0 | 124.0 |      | 120.0 |       |      | 75                                                                                     |
| 80                                                                                   | 136.0   | 138.0 | 139.0 | 137.0 | 141.0 | 105.0 | 135.0 | 122.0 |      | 119.0 | 107.0 |      | 80                                                                                     |
| 85                                                                                   | 126.0   | 128.0 | 134.0 | 127.0 | 131.0 | 103.0 | 127.0 | 120.0 |      | 118.0 | 105.0 |      | 85                                                                                     |
| 90                                                                                   | 117.0   | 119.0 | 125.0 | 118.0 | 122.0 | 101.0 | 119.0 | 118.0 | 79.7 | 116.0 | 103.0 |      | 90                                                                                     |
| 95                                                                                   | 109.0   | 111.0 | 116.0 | 111.0 | 113.0 | 99.7  | 111.0 | 114.0 | 79.7 | 110.0 | 101.0 |      | 95                                                                                     |
| 100                                                                                  | 102.0   | 103.0 | 109.0 | 103.0 | 106.0 | 98.2  | 104.0 | 106.0 | 79.7 | 103.0 | 98.6  | 71.5 | 100                                                                                    |
| 105                                                                                  | 94.9    | 96.4  | 102.0 | 96.6  | 99.4  | 96.8  | 97.3  | 99.6  | 79.7 | 96.6  | 96.0  | 70.3 | 105                                                                                    |
| 110                                                                                  | 88.8    | 90.1  | 95.2  | 90.5  | 93.2  | 95.4  | 91.2  | 93.4  | 79.1 | 90.6  | 92.9  | 69.1 | 110                                                                                    |
| 115                                                                                  | 83.1    | 84.3  | 89.3  | 84.8  | 87.4  | 92.0  | 85.7  | 87.7  | 78.0 | 85.1  | 87.5  | 68.0 | 115                                                                                    |
| 120                                                                                  | 77.9    | 79.0  | 83.8  | 79.6  | 82.1  | 87.1  | 80.5  | 82.5  | 76.9 | 80.1  | 82.5  | 66.9 | 120                                                                                    |
| 125                                                                                  | 73.0    | 74.1  | 78.4  | 74.8  | 77.1  | 81.9  | 75.7  | 77.6  | 75.9 | 75.4  | 77.6  | 65.8 | 125                                                                                    |
| 130                                                                                  | 68.2    | 69.2  | 73.1  | 70.2  | 72.5  | 76.7  | 71.2  | 73.0  | 74.9 | 71.0  | 73.1  | 64.7 | 130                                                                                    |
| 135                                                                                  | 63.6    | 64.5  | 68.2  | 65.8  | 67.8  | 71.7  | 67.1  | 68.8  | 73.7 | 66.9  | 69.0  | 63.7 | 135                                                                                    |
| 140                                                                                  | 59.3    | 60.2  | 63.7  | 61.3  | 63.3  | 67.1  | 62.8  | 64.4  | 69.9 | 63.1  | 65.0  | 62.7 | 140                                                                                    |
| 145                                                                                  | 55.1    | 56.1  | 59.5  | 57.2  | 59.2  | 62.8  | 58.8  | 60.3  | 65.5 | 59.2  | 61.1  | 61.8 | 145                                                                                    |
| 150                                                                                  | 51.5    | 52.3  | 55.7  | 53.6  | 55.3  | 58.8  | 55.0  | 56.4  | 61.5 | 55.4  | 57.2  | 60.7 | 150                                                                                    |
| 155                                                                                  | 47.9    | 48.8  | 51.9  | 50.0  | 51.9  | 55.1  | 51.4  | 52.8  | 57.7 | 51.9  | 53.6  | 58.8 | 155                                                                                    |
| 160                                                                                  | 44.7    | 45.4  | 48.6  | 46.8  | 48.4  | 51.6  | 48.2  | 49.4  | 54.1 | 48.6  | 50.2  | 55.8 | 160                                                                                    |
| 165                                                                                  | 41.6    | 42.4  | 45.3  | 43.7  | 45.4  | 48.5  | 45.1  | 46.4  | 50.9 | 45.6  | 47.1  | 52.4 | 165                                                                                    |
| 170                                                                                  | 38.8    | 39.4  | 42.5  | 40.7  | 42.4  | 45.3  | 42.2  | 43.3  | 47.8 | 42.8  | 44.1  | 49.3 | 170                                                                                    |
| 175                                                                                  | 36.1    | 36.8  | 39.6  | 38.1  | 39.6  | 42.5  | 39.5  | 40.6  | 44.9 | 39.9  | 41.4  | 46.4 | 175                                                                                    |
| 180                                                                                  | 33.6    | 34.1  | 37.0  | 35.4  | 37.0  | 39.8  | 36.8  | 38.0  | 42.2 | 37.4  | 38.7  | 43.6 | 180                                                                                    |
| 185                                                                                  | 31.2    | 31.8  | 34.5  | 33.1  | 34.6  | 37.3  | 34.5  | 35.4  | 39.5 | 35.0  | 36.3  | 41.0 | 185                                                                                    |
| 190                                                                                  | 29.0    | 29.5  | 32.2  | 30.7  | 32.3  | 34.8  | 32.1  | 33.2  | 37.2 | 32.7  | 34.0  | 38.7 | 190                                                                                    |
| 195                                                                                  | 26.9    | 27.4  | 29.9  | 28.7  | 30.0  | 32.6  | 30.0  | 30.9  | 34.8 | 30.6  | 31.7  | 36.3 | 195                                                                                    |
| 200                                                                                  | 24.9    | 25.3  | 27.9  | 26.6  | 28.0  | 30.4  | 27.9  | 28.9  | 32.6 | 28.4  | 29.7  | 34.1 | 200                                                                                    |
| 205                                                                                  | 23.0    | 23.5  | 25.8  | 24.7  | 26.0  | 28.4  | 26.0  | 26.9  | 30.5 | 26.6  | 27.7  | 32.0 | 205                                                                                    |
| 210                                                                                  | 21.4    | 21.7  | 24.0  | 22.9  | 24.2  | 26.4  | 24.2  | 25.0  | 28.5 | 24.7  | 25.8  | 29.9 | 210                                                                                    |
| 215                                                                                  | 19.9    | 20.3  | 22.1  | 21.3  | 22.4  | 24.6  | 22.4  | 23.2  | 26.7 | 23.0  | 24.0  | 28.1 | 215                                                                                    |
| 220                                                                                  | 18.5    | 18.9  | 20.7  | 19.9  | 21.0  | 22.8  | 21.0  | 21.6  | 24.9 | 21.6  | 22.3  | 26.2 | 220                                                                                    |
| 225                                                                                  | 17.2    | 17.6  | 19.3  | 18.6  | 19.6  | 21.3  | 19.6  | 20.3  | 23.2 | 20.1  | 21.0  | 24.6 | 225                                                                                    |
| 230                                                                                  | 16.0    | 16.3  | 18.0  | 17.3  | 18.3  | 19.9  | 18.4  | 18.9  | 21.6 | 18.8  | 19.6  | 22.9 | 230                                                                                    |
| 235                                                                                  | 14.8    | 15.1  | 16.8  | 16.1  | 17.0  | 18.6  | 17.1  | 17.7  | 20.3 | 17.6  | 18.4  | 21.4 | 235                                                                                    |
| 240                                                                                  | 13.5    | 13.9  | 15.6  | 14.9  | 15.9  | 17.4  | 16.0  | 16.5  | 19.0 | 16.4  | 17.1  | 20.2 | 240                                                                                    |
| 245                                                                                  | 12.3    | 12.6  | 14.4  | 13.8  | 14.7  | 16.2  | 14.8  | 15.4  | 17.8 | 15.3  | 16.0  | 18.9 | 245                                                                                    |
| 250                                                                                  | 11.1    | 11.4  | 13.3  | 12.8  | 13.7  | 15.0  | 13.8  | 14.2  | 16.6 | 14.2  | 14.9  | 17.8 | 250                                                                                    |
| 255                                                                                  | 9.8     | 10.1  | 12.0  | 11.6  | 12.6  | 14.0  | 12.7  | 13.2  | 15.5 | 13.2  | 13.9  | 16.6 | 255                                                                                    |
| 260                                                                                  | 8.6     | 8.9   | 10.8  | 10.3  | 11.4  | 12.9  | 11.7  | 12.2  | 14.4 | 12.2  | 12.9  | 15.6 | 260                                                                                    |
| 265                                                                                  | 7.5     | 7.8   | 9.5   | 9.2   | 10.2  | 11.8  | 10.6  | 11.2  | 13.4 | 11.3  | 11.9  | 14.5 | 265                                                                                    |
| 270                                                                                  | 6.5     | 6.7   | 8.4   | 8.1   | 9.1   | 10.6  | 9.5   | 10.1  | 12.4 | 10.3  | 11.0  | 13.5 | 270                                                                                    |
| 275                                                                                  |         | 5.7   | 7.3   | 7.1   | 8.0   | 9.5   | 8.4   | 9.0   | 11.5 | 9.3   | 10.0  | 12.5 | 275                                                                                    |
| 280                                                                                  |         |       | 6.2   | 6.0   | 6.9   | 8.4   | 7.4   | 7.9   | 10.4 | 8.2   | 8.9   | 11.6 | 280                                                                                    |
| 285                                                                                  |         |       |       |       | 6.0   | 7.3   | 6.4   | 6.9   | 9.3  | 7.3   | 7.9   | 10.7 | 285                                                                                    |
| 290                                                                                  |         |       |       |       |       | 6.3   |       | 5.9   | 8.2  | 6.3   | 6.9   | 9.8  | 290                                                                                    |
| 295                                                                                  |         |       |       |       |       |       |       |       | 7.2  |       | 5.9   | 8.8  | 295                                                                                    |
| 300                                                                                  |         |       |       |       |       |       |       |       | 6.2  |       |       | 7.8  | 300                                                                                    |
| 305                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 6.7  | 305                                                                                    |
| 310                                                                                  |         |       |       |       |       |       |       |       |      |       |       | 5.8  | 310                                                                                    |



22,050 lb /  
88,200 lb

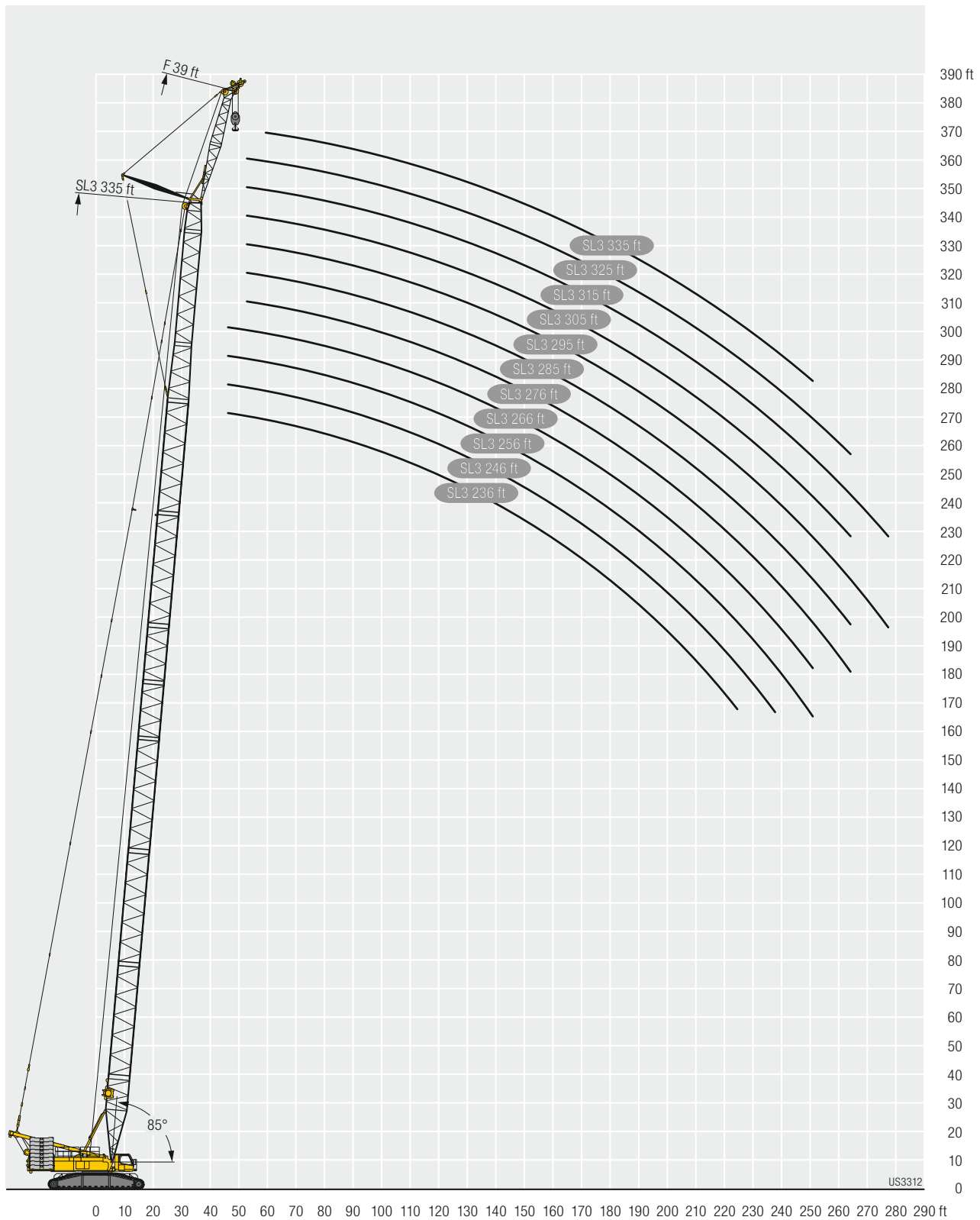


110,250 lb – 374,800 lb

| ft  | SL3 315 |       |       |       |       |       |       |       |      |       |       |      | SL3 335 |       |       |       |       |       |       |       |       |  |  |     | ft |
|-----|---------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|-----|----|
|     | F 39    |       |       | F 59  |       |       | F 79  |       |      | F 98  |       |      | F 39    |       |       | F 59  |       |       | F 79  |       |       |  |  |     |    |
|     | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°  | 10°   | 15°   | 30°  | 10°     | 15°   | 30°   | 10°   | 15°   | 30°   | 10°   | 15°   | 30°   |  |  |     |    |
| 55  | 191.0   | 186.0 |       |       |       |       |       |       |      |       |       |      | 185.0   |       |       |       |       |       | 173.0 |       |       |  |  | 55  |    |
| 60  | 186.0   | 182.0 |       | 157.0 |       |       |       |       |      |       |       |      | 180.0   | 176.0 |       | 155.0 |       |       | 169.0 | 165.0 |       |  |  | 60  |    |
| 65  | 172.0   | 174.0 | 145.0 | 156.0 | 146.0 |       | 135.0 |       |      |       |       |      | 169.0   | 170.0 | 145.0 | 153.0 | 142.0 |       | 165.0 | 162.0 |       |  |  | 65  |    |
| 70  | 158.0   | 160.0 | 143.0 | 154.0 | 144.0 |       | 133.0 |       |      | 115.0 |       |      | 155.0   | 157.0 | 143.0 | 150.0 | 140.0 |       | 152.0 | 154.0 | 140.0 |  |  | 70  |    |
| 75  | 146.0   | 148.0 | 141.0 | 147.0 | 143.0 | 106.0 | 131.0 | 118.0 |      | 114.0 |       |      | 143.0   | 145.0 | 140.0 | 144.0 | 139.0 |       | 140.0 | 142.0 | 139.0 |  |  | 75  |    |
| 80  | 135.0   | 137.0 | 138.0 | 136.0 | 138.0 | 104.0 | 128.0 | 117.0 |      | 113.0 | 103.0 |      | 132.0   | 134.0 | 137.0 | 133.0 | 135.0 | 104.0 | 129.0 | 132.0 | 136.0 |  |  | 80  |    |
| 85  | 125.0   | 127.0 | 132.0 | 126.0 | 129.0 | 103.0 | 125.0 | 116.0 |      | 112.0 | 102.0 |      | 122.0   | 124.0 | 130.0 | 124.0 | 126.0 | 102.0 | 120.0 | 122.0 | 128.0 |  |  | 85  |    |
| 90  | 116.0   | 118.0 | 123.0 | 118.0 | 120.0 | 101.0 | 117.0 | 114.0 | 79.7 | 110.0 | 100.0 |      | 114.0   | 115.0 | 121.0 | 115.0 | 118.0 | 101.0 | 111.0 | 113.0 | 119.0 |  |  | 90  |    |
| 95  | 108.0   | 110.0 | 115.0 | 110.0 | 112.0 | 99.7  | 109.0 | 113.0 | 79.7 | 108.0 | 98.7  |      | 106.0   | 107.0 | 112.0 | 108.0 | 110.0 | 99.6  | 104.0 | 105.0 | 110.0 |  |  | 95  |    |
| 100 | 101.0   | 102.0 | 107.0 | 103.0 | 105.0 | 98.2  | 102.0 | 106.0 | 79.6 | 103.0 | 97.1  | 71.1 | 98.7    | 100.0 | 105.0 | 100.0 | 102.0 | 98.2  | 96.4  | 98.0  | 103.0 |  |  | 100 |    |
| 105 | 94.4    | 95.7  | 100.0 | 96.0  | 97.9  | 96.9  | 95.8  | 99.1  | 79.6 | 96.1  | 94.9  | 69.8 | 92.0    | 93.5  | 98.1  | 93.9  | 95.7  | 96.6  | 89.9  | 91.4  | 96.0  |  |  | 105 |    |
| 110 | 88.3    | 89.6  | 93.9  | 90.0  | 91.7  | 94.8  | 89.9  | 93.1  | 79.4 | 90.3  | 92.0  | 68.7 | 85.9    | 87.3  | 91.7  | 87.9  | 89.6  | 94.8  | 84.0  | 85.3  | 89.8  |  |  | 110 |    |
| 115 | 82.7    | 83.9  | 88.0  | 84.5  | 86.1  | 91.3  | 84.4  | 87.5  | 78.3 | 84.9  | 87.3  | 67.6 | 80.4    | 81.7  | 85.8  | 82.3  | 84.0  | 89.3  | 78.5  | 79.7  | 84.1  |  |  | 115 |    |
| 120 | 77.5    | 78.7  | 82.6  | 79.3  | 80.9  | 85.8  | 79.2  | 82.2  | 77.1 | 79.9  | 82.2  | 66.5 | 75.3    | 76.4  | 80.5  | 77.1  | 78.8  | 84.0  | 73.3  | 74.6  | 78.7  |  |  | 120 |    |
| 125 | 72.6    | 73.8  | 77.4  | 74.5  | 76.0  | 80.8  | 74.4  | 77.3  | 76.0 | 75.2  | 77.4  | 65.6 | 70.5    | 71.6  | 75.5  | 72.4  | 73.9  | 78.9  | 68.5  | 69.8  | 73.8  |  |  | 125 |    |
| 130 | 68.0    | 69.1  | 72.3  | 70.0  | 71.4  | 75.9  | 70.1  | 72.9  | 74.9 | 70.9  | 73.0  | 64.6 | 66.0    | 67.1  | 70.7  | 68.0  | 69.4  | 74.2  | 64.2  | 65.3  | 69.1  |  |  | 130 |    |
| 135 | 63.4    | 64.4  | 67.4  | 65.6  | 67.0  | 71.0  | 65.9  | 68.6  | 72.6 | 66.7  | 68.8  | 63.7 | 61.8    | 62.7  | 66.1  | 63.8  | 65.2  | 69.7  | 60.1  | 61.1  | 64.7  |  |  | 135 |    |
| 140 | 59.2    | 60.0  | 63.0  | 61.3  | 62.5  | 66.4  | 62.0  | 64.5  | 69.2 | 62.8  | 64.8  | 62.8 | 57.5    | 58.5  | 61.5  | 59.8  | 61.1  | 65.1  | 56.1  | 57.0  | 60.3  |  |  | 140 |    |
| 145 | 55.2    | 56.1  | 58.8  | 57.2  | 58.4  | 62.1  | 57.9  | 60.3  | 64.8 | 59.2  | 61.0  | 61.9 | 53.7    | 54.4  | 57.3  | 55.7  | 57.0  | 60.8  | 52.2  | 53.1  | 56.1  |  |  | 145 |    |
| 150 | 51.4    | 52.2  | 55.0  | 53.5  | 54.6  | 58.1  | 54.2  | 56.4  | 60.8 | 55.5  | 57.2  | 60.8 | 49.8    | 50.8  | 53.4  | 52.0  | 53.1  | 56.8  | 48.6  | 49.4  | 52.2  |  |  | 150 |    |
| 155 | 48.0    | 48.7  | 51.4  | 50.1  | 51.1  | 54.4  | 50.7  | 52.8  | 57.0 | 52.0  | 53.6  | 58.5 | 46.4    | 47.1  | 50.0  | 48.6  | 49.5  | 53.1  | 44.9  | 45.9  | 48.6  |  |  | 155 |    |
| 160 | 44.6    | 45.4  | 47.9  | 46.6  | 47.8  | 51.0  | 47.4  | 49.5  | 53.5 | 48.6  | 50.3  | 55.1 | 43.1    | 43.9  | 46.5  | 45.3  | 46.3  | 49.6  | 41.8  | 42.5  | 45.4  |  |  | 160 |    |
| 165 | 41.7    | 42.3  | 44.8  | 43.7  | 44.6  | 47.8  | 44.4  | 46.3  | 50.2 | 45.6  | 47.1  | 51.8 | 40.0    | 40.8  | 43.4  | 42.1  | 43.2  | 46.4  | 38.8  | 39.6  | 42.1  |  |  | 165 |    |
| 170 | 38.7    | 39.5  | 41.7  | 40.7  | 41.7  | 44.8  | 41.3  | 43.5  | 47.1 | 42.8  | 44.2  | 48.7 | 37.2    | 37.9  | 40.4  | 39.3  | 40.2  | 43.5  | 35.9  | 36.6  | 39.2  |  |  | 170 |    |
| 175 | 36.1    | 36.7  | 39.0  | 38.1  | 38.9  | 41.8  | 38.7  | 40.6  | 44.2 | 40.1  | 41.5  | 45.7 | 34.5    | 35.2  | 37.6  | 36.5  | 37.5  | 40.6  | 33.3  | 34.0  | 36.4  |  |  | 175 |    |
| 180 | 33.6    | 34.2  | 36.3  | 35.5  | 36.4  | 39.2  | 36.2  | 38.1  | 41.6 | 37.4  | 38.9  | 43.0 | 32.0    | 32.6  | 35.0  | 34.0  | 34.8  | 37.9  | 30.7  | 31.4  | 33.8  |  |  | 180 |    |
| 185 | 31.2    | 31.8  | 33.9  | 33.1  | 33.9  | 36.6  | 33.7  | 35.6  | 39.0 | 35.1  | 36.3  | 40.4 | 29.6    | 30.3  | 32.4  | 31.6  | 32.5  | 35.3  | 28.4  | 29.0  | 31.3  |  |  | 185 |    |
| 190 | 29.0    | 29.6  | 31.5  | 30.8  | 31.6  | 34.3  | 31.5  | 33.2  | 36.5 | 32.8  | 34.1  | 38.0 | 27.4    | 28.0  | 30.2  | 29.3  | 30.1  | 32.9  | 26.1  | 26.8  | 29.0  |  |  | 190 |    |
| 195 | 26.9    | 27.3  | 29.4  | 28.6  | 29.4  | 32.0  | 29.2  | 31.1  | 34.3 | 30.6  | 31.9  | 35.7 | 25.3    | 25.9  | 27.9  | 27.2  | 28.0  | 30.7  | 24.1  | 24.6  | 26.8  |  |  | 195 |    |
| 200 | 24.9    | 25.4  | 27.2  | 26.7  | 27.3  | 29.8  | 27.3  | 28.9  | 32.0 | 28.6  | 29.7  | 33.4 | 23.4    | 23.8  | 25.8  | 25.1  | 25.9  | 28.4  | 22.2  | 22.8  | 24.7  |  |  | 200 |    |
| 205 | 23.0    | 23.4  | 25.3  | 24.7  | 25.4  | 27.8  | 25.3  | 27.0  | 30.0 | 26.6  | 27.8  | 31.4 | 21.6    | 22.1  | 23.8  | 23.3  | 24.0  | 26.5  | 20.5  | 20.9  | 22.8  |  |  | 205 |    |
| 210 | 21.4    | 21.8  | 23.4  | 23.0  | 23.5  | 25.8  | 23.6  | 25.1  | 28.0 | 24.8  | 25.9  | 29.4 | 20.0    | 20.4  | 22.1  | 21.5  | 22.3  | 24.5  | 19.0  | 19.4  | 21.0  |  |  | 210 |    |
| 215 | 19.9    | 20.2  | 21.8  | 21.4  | 22.0  | 24.0  | 21.9  | 23.4  | 26.1 | 23.1  | 24.2  | 27.5 | 18.6    | 19.0  | 20.5  | 20.1  | 20.6  | 22.8  | 17.5  | 17.9  | 19.5  |  |  | 215 |    |
| 220 | 18.5    | 18.9  | 20.2  | 19.9  | 20.4  | 22.3  | 20.4  | 21.8  | 24.3 | 21.5  | 22.5  | 25.7 | 17.2    | 17.5  | 19.0  | 18.7  | 19.2  | 21.2  | 16.1  | 16.5  | 18.0  |  |  | 220 |    |
| 225 | 17.2    | 17.5  | 18.9  | 18.6  | 19.1  | 20.9  | 19.1  | 20.3  | 22.7 | 20.2  | 21.0  | 23.9 | 15.9    | 16.2  | 17.6  | 17.3  | 17.8  | 19.7  | 14.8  | 15.2  | 16.7  |  |  | 225 |    |
| 230 | 16.0    | 16.3  | 17.5  | 17.3  | 17.8  | 19.5  | 17.7  | 19.0  | 21.2 | 18.9  | 19.7  | 22.5 | 14.6    | 14.9  | 16.3  | 16.0  | 16.5  | 18.3  | 13.6  | 13.9  | 15.4  |  |  | 230 |    |
| 235 | 14.8    | 15.0  | 16.3  | 16.1  | 16.5  | 18.2  | 16.6  | 17.7  | 19.8 | 17.7  | 18.4  | 21.0 | 13.4    | 13.8  | 15.1  | 14.8  | 15.3  | 17.0  | 12.4  | 12.7  | 14.1  |  |  | 235 |    |
| 240 | 13.6    | 13.9  | 15.1  | 14.9  | 15.3  | 16.9  | 15.4  | 16.6  | 18.6 | 16.5  | 17.3  | 19.7 | 12.2    | 12.6  | 13.9  | 13.7  | 14.1  | 15.8  | 11.1  | 11.5  | 12.9  |  |  | 240 |    |
| 245 | 12.5    | 12.8  | 14.0  | 13.8  | 14.2  | 15.8  | 14.3  | 15.4  | 17.3 | 15.4  | 16.1  | 18.5 | 11.0    | 11.4  | 12.7  | 12.5  | 13.0  | 14.6  | 9.8   | 10.2  | 11.7  |  |  | 245 |    |
| 250 | 11.2    | 11.6  | 12.8  | 12.8  | 13.1  | 14.6  | 13.2  | 14.3  | 16.2 | 14.3  | 15.0  | 17.3 | 9.7     | 10.1  | 11.5  | 11.5  | 11.9  | 13.5  | 8.5   | 8.9   | 10.5  |  |  | 250 |    |
| 255 | 10.1    | 10.4  | 11.7  | 11.7  | 12.1  | 13.5  | 12.2  | 13.3  | 15.1 | 13.3  | 13.9  | 16.2 | 8.4     | 8.8   | 10.3  | 10.4  | 10.8  | 12.4  | 7.2   | 7.6   | 9.3   |  |  | 255 |    |
| 260 | 8.9     | 9.2   | 10.5  | 10.6  | 11.1  | 12.5  | 11.2  | 12.3  | 14.0 | 12.3  | 12.9  | 15.1 | 7.2     | 7.6   | 9.1   | 9.2   | 9.7   | 11.3  | 6.1   | 6.4   | 7.9   |  |  | 260 |    |
| 265 | 7.7     | 8.1   | 9.3   | 9.5   | 9.9   | 11.5  | 10.2  | 11.3  | 13.0 | 11.3  | 12.0  | 14.1 | 6.1     | 6.5   | 7.8   | 8.0   | 8.5   | 10.2  |       |       | 6.7   |  |  | 265 |    |
| 270 | 6.6     | 6.9   | 8.2   | 8.3   | 8.7   | 10.4  | 9.1   | 10.3  | 12.0 | 10.4  | 11.0  | 13.1 |         |       | 6.7   | 6.8   | 7.3   | 9.0   |       |       |       |  |  | 270 |    |
| 275 | 5.6     | 5.9   | 7.0   | 7.3   | 7.7   | 9.2   | 8.1   | 9.2   | 11.0 | 9.5   | 10.1  | 12.1 |         |       | 5.6   | 5.7   | 6.2   | 7.8   |       |       |       |  |  | 275 |    |
| 280 |         |       | 6.0   | 6.2   | 6.6   | 8.1   | 7.0   | 8.2   | 10.1 | 8.5   | 9.2   | 11.2 |         |       |       |       |       | 6.7   |       |       |       |  |  | 280 |    |
| 285 |         |       |       |       | 5.6   | 7.1   | 6.0   | 7.1   | 9.1  | 7.5   | 8.3   | 10.3 |         |       |       |       |       | 5.6   |       |       |       |  |  | 285 |    |
| 290 |         |       |       |       |       | 6.0   |       | 6.1   | 8.0  | 6.5   | 7.2   | 9.4  |         |       |       |       |       |       |       |       |       |  |  | 290 |    |
| 295 |         |       |       |       |       |       |       |       | 6.9  | 5.6   | 6.2   | 8.5  |         |       |       |       |       |       |       |       |       |  |  | 295 |    |
| 300 |         |       |       |       |       |       |       |       | 5.9  |       |       | 7.5  |         |       |       |       |       |       |       |       |       |  |  | 300 |    |
| 305 |         |       |       |       |       |       |       |       |      |       |       | 6.5  |         |       |       |       |       |       |       |       |       |  |  | 305 |    |

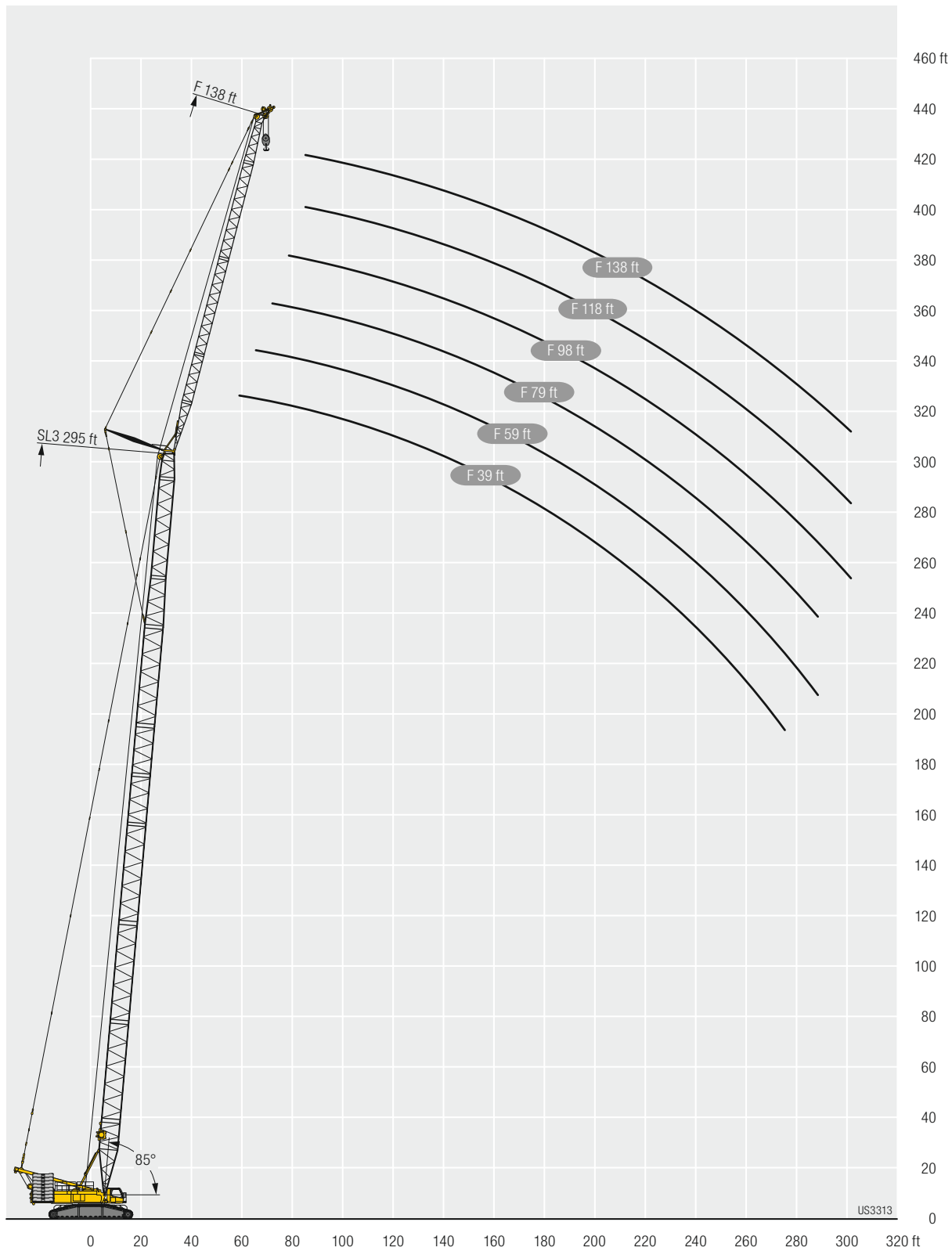
# Lifting heights Hauteurs de levage

**SL3F**



# Lifting heights Hauteurs de levage

**SL3F**







286,600 lb -  
374,800 lb



529,100 lb - 617,300 lb  
330,700 lb - 463,000 lb



66,100 lb - 264,600 lb

|  ft |   | SL4 177 |        |       |       |       |       |       |       |       |       | SL4 187 |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------------|---|---------|--------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                      |   | F 39    |        | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 |
|                                                                                      |   | 10°     | 15°    | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   |
| 38                                                                                   | - | 271.0   |        |       |       |       |       |       |       |       |       | 271.0   |       |       |       |       |       |       |       |       |       |
|                                                                                      | B | 271.0   |        |       |       |       |       |       |       |       |       | 271.0   |       |       |       |       |       |       |       |       |       |
| 40                                                                                   | - | 271.0   |        |       |       |       |       |       |       |       |       | 271.0   |       |       |       |       |       |       |       |       |       |
|                                                                                      | B | 271.0   |        |       |       |       |       |       |       |       |       | 271.0   |       |       |       |       |       |       |       |       |       |
| 45                                                                                   | - | 271.0   | 258.0  | 233.0 |       |       |       |       |       |       |       | 271.0   | 259.0 |       |       |       |       |       |       |       |       |
|                                                                                      | B | 271.0   | 258.0  | 233.0 |       |       |       |       |       |       |       | 271.0   | 259.0 |       |       |       |       |       |       |       |       |
| 50                                                                                   | - | 271.0   | 247.0  | 222.0 | 184.0 |       |       |       |       |       |       | 271.0   | 248.0 | 223.0 |       |       |       |       |       |       |       |
|                                                                                      | B | 271.0   | 247.0  | 222.0 | 185.0 |       |       |       |       |       |       | 271.0   | 248.0 | 223.0 |       |       |       |       |       |       |       |
| 55                                                                                   | - | 251.0   | 236.0  | 211.0 | 177.0 | 176.0 |       | 157.0 |       |       |       | 250.0   | 238.0 | 213.0 | 178.0 | 177.0 |       |       |       |       |       |
|                                                                                      | B | 271.0   | 236.0  | 211.0 | 177.0 | 177.0 |       | 157.0 |       |       |       | 271.0   | 238.0 | 213.0 | 178.0 | 177.0 |       |       |       |       |       |
| 60                                                                                   | - | 228.0   | 226.0  | 201.0 | 170.0 | 168.0 | 143.0 | 150.0 |       |       |       | 227.0   | 227.0 | 203.0 | 171.0 | 169.0 | 144.0 | 150.0 |       |       |       |
|                                                                                      | B | 270.0   | 226.0  | 201.0 | 170.0 | 168.0 | 143.0 | 150.0 |       |       |       | 271.0   | 229.0 | 203.0 | 171.0 | 169.0 | 144.0 | 150.0 |       |       |       |
| 65                                                                                   | - | 209.0   | 211.0  | 192.0 | 163.0 | 160.0 | 138.0 | 144.0 | 119.0 |       |       | 208.0   | 210.0 | 194.0 | 165.0 | 162.0 | 138.0 | 143.0 | 123.0 |       |       |
|                                                                                      | B | 262.0   | 217.0  | 192.0 | 163.0 | 161.0 | 138.0 | 144.0 | 119.0 |       |       | 266.0   | 220.0 | 194.0 | 165.0 | 162.0 | 138.0 | 143.0 | 123.0 |       |       |
| 70                                                                                   | - | 192.0   | 194.0  | 184.0 | 157.0 | 153.0 | 132.0 | 137.0 | 118.0 | 110.0 | 97.5  | 191.0   | 193.0 | 186.0 | 159.0 | 155.0 | 133.0 | 137.0 | 118.0 | 110.0 | 97.7  |
|                                                                                      | B | 252.0   | 209.0  | 184.0 | 157.0 | 154.0 | 132.0 | 137.0 | 118.0 | 110.0 | 97.5  | 255.0   | 212.0 | 186.0 | 159.0 | 155.0 | 133.0 | 137.0 | 118.0 | 110.0 | 97.7  |
| 75                                                                                   | - | 178.0   | 179.0  | 175.0 | 152.0 | 147.0 | 127.0 | 131.0 | 114.0 | 105.0 | 94.5  | 176.0   | 179.0 | 176.0 | 153.0 | 149.0 | 128.0 | 131.0 | 114.0 | 106.0 | 94.7  |
|                                                                                      | B | 241.0   | 201.0  | 177.0 | 152.0 | 147.0 | 128.0 | 132.0 | 114.0 | 105.0 | 94.5  | 244.0   | 204.0 | 179.0 | 153.0 | 149.0 | 128.0 | 131.0 | 114.0 | 106.0 | 94.7  |
| 80                                                                                   | - | 165.0   | 166.0  | 164.0 | 146.0 | 141.0 | 123.0 | 126.0 | 110.0 | 101.0 | 91.6  | 164.0   | 166.0 | 164.0 | 148.0 | 143.0 | 124.0 | 126.0 | 110.0 | 102.0 | 92.0  |
|                                                                                      | B | 231.0   | 194.0  | 170.0 | 147.0 | 141.0 | 123.0 | 126.0 | 110.0 | 101.0 | 91.6  | 235.0   | 197.0 | 172.0 | 148.0 | 143.0 | 124.0 | 126.0 | 110.0 | 102.0 | 92.0  |
| 85                                                                                   | - | 152.0   | 153.0  | 153.0 | 141.0 | 136.0 | 118.0 | 121.0 | 106.0 | 97.2  | 88.8  | 152.0   | 154.0 | 153.0 | 143.0 | 137.0 | 120.0 | 121.0 | 106.0 | 97.8  | 89.3  |
|                                                                                      | B | 222.0   | 187.0  | 163.0 | 142.0 | 136.0 | 119.0 | 121.0 | 106.0 | 97.2  | 88.8  | 225.0   | 190.0 | 166.0 | 143.0 | 137.0 | 120.0 | 121.0 | 106.0 | 97.9  | 89.3  |
| 90                                                                                   | - | 140.0   | 141.0  | 142.0 | 137.0 | 130.0 | 114.0 | 116.0 | 102.0 | 93.6  | 86.1  | 141.0   | 142.0 | 143.0 | 139.0 | 132.0 | 116.0 | 116.0 | 102.0 | 94.3  | 86.7  |
|                                                                                      | B | 213.0   | 181.0  | 157.0 | 137.0 | 130.0 | 115.0 | 116.0 | 102.0 | 93.6  | 86.1  | 217.0   | 184.0 | 160.0 | 139.0 | 132.0 | 116.0 | 116.0 | 102.0 | 94.3  | 86.7  |
| 95                                                                                   | - | 130.0   | 131.0  | 132.0 | 132.0 | 126.0 | 111.0 | 111.0 | 98.9  | 90.0  | 83.5  | 130.0   | 132.0 | 133.0 | 133.0 | 127.0 | 112.0 | 112.0 | 98.5  | 90.8  | 84.1  |
|                                                                                      | B | 205.0   | 175.0  | 152.0 | 133.0 | 126.0 | 111.0 | 111.0 | 98.9  | 90.1  | 83.5  | 209.0   | 179.0 | 154.0 | 135.0 | 128.0 | 112.0 | 112.0 | 98.5  | 90.8  | 84.1  |
| 100                                                                                  | - | 121.0   | 121.0  | 122.0 | 124.0 | 121.0 | 107.0 | 107.0 | 95.6  | 87.0  | 80.7  | 121.0   | 122.0 | 123.0 | 125.0 | 123.0 | 109.0 | 108.0 | 95.4  | 87.7  | 81.5  |
|                                                                                      | B | 198.0   | 170.0  | 146.0 | 129.0 | 121.0 | 107.0 | 107.0 | 95.6  | 87.0  | 80.7  | 201.0   | 173.0 | 149.0 | 131.0 | 123.0 | 109.0 | 108.0 | 95.4  | 87.7  | 81.5  |
| 105                                                                                  | - | 112.0   | 113.0  | 114.0 | 115.0 | 115.0 | 104.0 | 103.0 | 92.4  | 84.0  | 77.6  | 112.0   | 114.0 | 115.0 | 116.0 | 116.0 | 105.0 | 104.0 | 92.4  | 84.8  | 78.6  |
|                                                                                      | B | 191.0   | 165.0  | 142.0 | 125.0 | 117.0 | 104.0 | 103.0 | 92.5  | 84.0  | 77.6  | 195.0   | 168.0 | 144.0 | 127.0 | 119.0 | 105.0 | 104.0 | 92.4  | 84.8  | 78.6  |
| 110                                                                                  | - | 105.0   | 106.0  | 107.0 | 108.0 | 107.0 | 101.0 | 99.8  | 89.4  | 81.2  | 74.6  | 105.0   | 106.0 | 107.0 | 109.0 | 108.0 | 102.0 | 100.0 | 89.5  | 82.0  | 75.7  |
|                                                                                      | B | 185.0   | 160.0  | 137.0 | 121.0 | 113.0 | 101.0 | 99.8  | 89.5  | 81.2  | 74.6  | 189.0   | 164.0 | 140.0 | 123.0 | 115.0 | 102.0 | 100.0 | 89.5  | 82.0  | 75.7  |
| 115                                                                                  | - | 98.2    | 98.9   | 99.8  | 101.0 | 101.0 | 98.0  | 96.3  | 86.7  | 78.5  | 72.1  | 97.9    | 99.3  | 100.0 | 102.0 | 101.0 | 99.2  | 96.8  | 86.8  | 79.5  | 72.9  |
|                                                                                      | B | 179.0   | 156.0  | 133.0 | 118.0 | 110.0 | 98.0  | 96.4  | 86.8  | 78.5  | 72.1  | 183.0   | 159.0 | 136.0 | 120.0 | 111.0 | 99.5  | 97.0  | 86.8  | 79.5  | 72.9  |
| 120                                                                                  | - | 92.1    | 92.7   | 93.7  | 94.9  | 94.6  | 94.4  | 92.7  | 84.2  | 75.9  | 69.9  | 91.8    | 93.0  | 93.9  | 95.6  | 95.2  | 96.0  | 93.6  | 84.2  | 76.9  | 70.8  |
|                                                                                      | B | 174.0   | 152.0  | 129.0 | 114.0 | 106.0 | 95.1  | 93.2  | 84.2  | 76.0  | 70.0  | 177.0   | 155.0 | 131.0 | 117.0 | 108.0 | 96.6  | 93.8  | 84.2  | 76.9  | 70.8  |
| 125                                                                                  | - | 86.5    | 87.1   | 88.0  | 89.3  | 89.0  | 90.5  | 89.0  | 81.7  | 73.5  | 67.8  | 86.2    | 87.2  | 88.4  | 89.7  | 89.4  | 90.9  | 89.3  | 81.8  | 74.6  | 68.7  |
|                                                                                      | B | 169.0   | 148.0  | 125.0 | 112.0 | 103.0 | 92.6  | 90.2  | 81.7  | 73.6  | 67.9  | 172.0   | 151.0 | 128.0 | 114.0 | 105.0 | 94.1  | 90.9  | 81.8  | 74.6  | 68.7  |
| 130                                                                                  | - | 81.4    | 82.0   | 82.8  | 84.2  | 83.9  | 85.4  | 84.7  | 79.4  | 71.3  | 65.7  | 81.0    | 82.0  | 83.1  | 84.5  | 84.1  | 85.8  | 84.4  | 79.5  | 72.4  | 66.6  |
|                                                                                      | B | 164.0   | 145.0  | 121.0 | 109.0 | 99.9  | 90.2  | 87.5  | 79.4  | 71.3  | 65.8  | 168.0   | 148.0 | 124.0 | 111.0 | 102.0 | 91.7  | 88.0  | 79.5  | 72.4  | 66.7  |
| 135                                                                                  | - | 76.7    | 77.2   | 78.2  | 79.3  | 79.1  | 80.6  | 79.9  | 77.1  | 69.2  | 63.7  | 76.2    | 77.3  | 78.2  | 79.6  | 79.4  | 80.9  | 79.7  | 77.4  | 70.3  | 64.6  |
|                                                                                      | B | 160.0   | 141.0  | 118.0 | 106.0 | 97.1  | 88.0  | 84.8  | 77.2  | 69.2  | 63.7  | 163.0   | 145.0 | 121.0 | 108.0 | 99.0  | 89.3  | 85.4  | 77.4  | 70.3  | 64.6  |
| 140                                                                                  | - | 72.4    | 72.9   | 73.8  | 74.9  | 74.8  | 76.1  | 75.7  | 75.1  | 67.2  | 61.8  | 71.8    | 72.8  | 73.9  | 75.1  | 74.9  | 76.5  | 75.2  | 75.0  | 68.3  | 62.7  |
|                                                                                      | B | 155.0   | 138.0  | 115.0 | 104.0 | 94.4  | 85.7  | 82.3  | 75.1  | 67.2  | 61.8  | 159.0   | 141.0 | 118.0 | 106.0 | 96.3  | 87.2  | 82.9  | 75.4  | 68.3  | 62.7  |
| 145                                                                                  | - | 68.4    | 68.8   | 69.8  | 70.9  | 70.7  | 72.0  | 71.5  | 72.4  | 65.4  | 59.9  | 67.8    | 68.7  | 69.8  | 70.9  | 70.8  | 72.3  | 71.2  | 72.5  | 66.4  | 60.8  |
|                                                                                      | B | 152.0   | 135.0  | 112.0 | 101.0 | 91.9  | 83.7  | 79.9  | 73.2  | 65.4  | 59.9  | 155.0   | 138.0 | 115.0 | 104.0 | 93.7  | 85.1  | 80.7  | 73.5  | 66.4  | 60.8  |
| 150                                                                                  | - | 64.7    | 65.0   | 66.0  | 67.1  | 66.9  | 68.2  | 67.9  | 69.2  | 63.6  | 58.1  | 64.0    | 64.8  | 65.9  | 67.1  | 67.0  | 68.4  | 67.3  | 69.1  | 64.6  | 59.0  |
|                                                                                      | B | 148.0   | 132.0  | 109.0 | 99.3  | 89.6  | 81.8  | 77.8  | 71.3  | 63.6  | 58.1  | 151.0   | 135.0 | 112.0 | 101.0 | 91.4  | 83.2  | 78.5  | 71.7  | 64.7  | 59.1  |
| 155                                                                                  | - | 61.2    | 61.6   | 62.6  | 63.5  | 63.5  | 64.6  | 64.4  | 65.8  | 61.8  | 56.4  | 60.5    | 61.3  | 62.4  | 63.5  | 63.4  | 64.8  | 63.8  | 65.4  | 62.9  | 57.4  |
|                                                                                      | B | 144.0   | 130.0  | 107.0 | 97.2  | 87.3  | 79.9  | 75.8  | 69.6  | 61.9  | 56.4  | 148.0   | 133.0 | 109.0 | 99.3  | 89.2  | 81.4  | 76.3  | 69.9  | 63.0  | 57.5  |
| 160                                                                                  | - | 58.0    | 58.3   | 59.3  | 60.2  | 60.2  | 61.4  | 61.1  | 62.5  | 60.2  | 54.9  | 57.2    | 58.1  | 59.1  | 60.2  | 60.2  | 61.4  | 60.6  | 62.1  | 61.3  | 55.8  |
|                                                                                      | B | 141.0   | 127.0  | 104.0 | 95.3  | 85.3  | 78.2  | 73.8  | 67.9  | 60.2  | 54.9  | 144.0   | 130.0 | 107.0 | 97.3  | 87.1  | 79.6  | 74.4  | 68.2  | 61.4  | 55.9  |
| 165                                                                                  | - | 55.0    | 55.3   | 56.3  | 57.2  | 57.2  | 58.3  | 58.1  | 59.4  | 58.4  | 53.4  | 54.2    | 55.0  | 56.0  | 57.0  | 57.1  | 58.3  | 57.4  | 59.0  | 59.4  | 54.3  |
|                                                                                      | B | 138.0   | 125.0  | 102.0 | 93.5  | 83.4  | 76.6  | 71.9  | 66.4  | 58.7  | 53.4  | 141.0   | 128.0 | 104.0 | 95.3  | 85.2  | 78.0  | 72.5  | 66.7  | 59.8  | 54.3  |
| 170                                                                                  | - | 52.2    | 52.5   | 53.4  | 54.3  | 54.3  | 55.4  | 55.2  | 56.5  | 56.4  | 52.0  | 51.4    | 52.1  | 53.1  | 54.1  | 54.1  | 55.4  | 54.6  | 56.0  | 56.5  | 52.8  |
|                                                                                      | B | 135.0   | 123.0  | 99.9  | 91.8  | 81.4  | 75.0  | 70.1  | 64.9  | 57.3  | 52.0  | 138.0   | 126.0 | 102.0 | 93.6  | 83.2  | 76.4  | 70.8  | 65.3  | 58.3  | 52.9  |
| 175                                                                                  | - | 49.6    | 49.8</ |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |



286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb

330,700 lb – 463,000 lb

66,100 lb – 264,600 lb

| ft  |   | SL4 177 |     |      |      |      |      |      |      |       |       | SL4 187 |     |      |      |      |      |      |      |       |       |
|-----|---|---------|-----|------|------|------|------|------|------|-------|-------|---------|-----|------|------|------|------|------|------|-------|-------|
|     |   | F 39    |     | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |     | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15° | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15° | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 200 | - |         |     | 39.7 | 40.2 | 40.4 | 41.2 | 41.3 | 42.3 | 42.3  | 43.5  |         |     | 39.1 | 39.8 | 40.0 | 40.9 | 40.5 | 41.6 | 42.1  | 42.0  |
|     | B |         |     | 89.2 | 83.4 | 71.6 | 67.1 | 61.0 | 57.2 | 49.9  | 44.8  |         |     | 91.3 | 84.9 | 73.4 | 68.4 | 61.8 | 57.6 | 51.0  | 45.6  |
| 205 | - |         |     |      |      | 38.5 | 39.3 | 39.4 | 40.4 | 40.4  | 41.5  |         |     | 37.2 | 37.9 | 38.1 | 39.0 | 38.5 | 39.7 | 40.2  | 40.1  |
|     | B |         |     |      |      | 70.3 | 66.0 | 59.8 | 56.1 | 48.9  | 43.8  |         |     | 89.8 | 83.8 | 72.1 | 67.3 | 60.5 | 56.6 | 49.9  | 44.6  |
| 210 | - |         |     |      |      | 36.7 | 37.4 | 37.6 | 38.6 | 38.6  | 39.7  |         |     |      | 36.0 | 36.2 | 37.1 | 36.7 | 37.8 | 38.3  | 38.2  |
|     | B |         |     |      |      | 69.1 | 65.0 | 58.6 | 55.1 | 47.9  | 42.7  |         |     |      | 82.8 | 70.7 | 66.2 | 59.3 | 55.6 | 49.0  | 43.7  |
| 215 | - |         |     |      |      | 35.0 | 35.7 | 35.9 | 36.8 | 36.8  | 37.9  |         |     |      |      | 34.5 | 35.3 | 35.0 | 36.0 | 36.5  | 36.5  |
|     | B |         |     |      |      | 68.0 | 64.0 | 57.4 | 54.2 | 47.0  | 41.8  |         |     |      |      | 69.5 | 65.2 | 58.2 | 54.7 | 48.0  | 42.7  |
| 220 | - |         |     |      |      |      | 34.0 | 34.3 | 35.1 | 35.2  | 36.2  |         |     |      |      | 32.9 | 33.6 | 33.4 | 34.3 | 34.8  | 34.8  |
|     | B |         |     |      |      |      | 63.1 | 56.3 | 53.3 | 46.1  | 40.9  |         |     |      |      | 68.4 | 64.4 | 57.1 | 53.8 | 47.1  | 41.8  |
| 225 | - |         |     |      |      |      |      | 32.7 | 33.5 | 33.6  | 34.7  |         |     |      |      | 31.3 | 32.0 | 31.8 | 32.7 | 33.2  | 33.2  |
|     | B |         |     |      |      |      |      | 55.3 | 52.4 | 45.2  | 40.1  |         |     |      |      | 67.3 | 63.5 | 56.1 | 52.9 | 46.2  | 40.9  |
| 230 | - |         |     |      |      |      |      | 31.3 | 32.0 | 32.0  | 33.1  |         |     |      |      |      |      | 30.3 | 31.2 | 31.7  | 31.7  |
|     | B |         |     |      |      |      |      | 54.4 | 51.6 | 44.4  | 39.2  |         |     |      |      |      |      | 55.1 | 52.0 | 45.3  | 40.0  |
| 235 | - |         |     |      |      |      |      |      | 30.6 | 30.6  | 31.7  |         |     |      |      |      |      | 28.9 | 29.7 | 30.2  | 30.2  |
|     | B |         |     |      |      |      |      |      | 50.8 | 43.6  | 38.4  |         |     |      |      |      |      | 54.1 | 51.3 | 44.5  | 39.2  |
| 240 | - |         |     |      |      |      |      |      |      | 29.3  | 30.3  |         |     |      |      |      |      | 27.6 | 28.3 | 28.8  | 28.9  |
|     | B |         |     |      |      |      |      |      |      | 42.8  | 37.7  |         |     |      |      |      |      | 53.3 | 50.5 | 43.7  | 38.4  |
| 245 | - |         |     |      |      |      |      |      |      | 27.9  | 29.0  |         |     |      |      |      |      |      | 27.0 | 27.5  | 27.6  |
|     | B |         |     |      |      |      |      |      |      | 42.1  | 36.9  |         |     |      |      |      |      |      | 49.8 | 42.9  | 37.7  |
| 250 | - |         |     |      |      |      |      |      |      | 26.7  | 27.7  |         |     |      |      |      |      |      |      | 26.2  | 26.3  |
|     | B |         |     |      |      |      |      |      |      | 41.4  | 36.2  |         |     |      |      |      |      |      |      | 42.3  | 37.0  |
| 255 | - |         |     |      |      |      |      |      |      |       | 26.5  |         |     |      |      |      |      |      |      | 25.0  | 25.1  |
|     | B |         |     |      |      |      |      |      |      |       | 35.5  |         |     |      |      |      |      |      |      | 41.6  | 36.4  |
| 260 | - |         |     |      |      |      |      |      |      |       | 25.3  |         |     |      |      |      |      |      |      | 23.8  | 23.9  |
|     | B |         |     |      |      |      |      |      |      |       | 34.9  |         |     |      |      |      |      |      |      | 41.0  | 35.7  |
| 265 | - |         |     |      |      |      |      |      |      |       | 24.2  |         |     |      |      |      |      |      |      |       | 22.8  |
|     | B |         |     |      |      |      |      |      |      |       | 34.3  |         |     |      |      |      |      |      |      |       | 35.1  |
| 270 | - |         |     |      |      |      |      |      |      |       | 23.1  |         |     |      |      |      |      |      |      |       | 21.8  |
|     | B |         |     |      |      |      |      |      |      |       | 33.7  |         |     |      |      |      |      |      |      |       | 34.5  |
| 275 | - |         |     |      |      |      |      |      |      |       | 22.1  |         |     |      |      |      |      |      |      |       | 20.9  |
|     | B |         |     |      |      |      |      |      |      |       | 33.2  |         |     |      |      |      |      |      |      |       | 33.9  |
| 280 | - |         |     |      |      |      |      |      |      |       |       |         |     |      |      |      |      |      |      |       | 20.1  |
|     | B |         |     |      |      |      |      |      |      |       |       |         |     |      |      |      |      |      |      |       | 33.4  |



286,600 lb -  
374,800 lb



529,100 lb - 617,300 lb  
330,700 lb - 463,000 lb  
66,100 lb - 264,600 lb

|  | ft | SL4 197 |       |       |       |       |       |       |       |       |       | SL4 207 |       |       |       |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------|----|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                   |    | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 |
|                                                                                   |    | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   |
| 40                                                                                | -  | 271.0   |       |       |       |       |       |       |       |       |       | 271.0   |       |       |       |       |       |       |       |       |       |
|                                                                                   | B  | 271.0   |       |       |       |       |       |       |       |       |       | 271.0   |       |       |       |       |       |       |       |       |       |
| 45                                                                                | -  | 271.0   | 260.0 |       |       |       |       |       |       |       |       | 271.0   | 261.0 |       |       |       |       |       |       |       |       |
|                                                                                   | B  | 271.0   | 260.0 |       |       |       |       |       |       |       |       | 271.0   | 261.0 |       |       |       |       |       |       |       |       |
| 50                                                                                | -  | 267.0   | 249.0 | 224.0 |       |       |       |       |       |       |       | 267.0   | 251.0 | 224.0 |       |       |       |       |       |       |       |
|                                                                                   | B  | 271.0   | 249.0 | 224.0 |       |       |       |       |       |       |       | 271.0   | 251.0 | 224.0 |       |       |       |       |       |       |       |
| 55                                                                                | -  | 243.0   | 240.0 | 213.0 | 178.0 | 177.0 |       |       |       |       |       | 241.0   | 241.0 | 214.0 | 179.0 | 178.0 |       |       |       |       |       |
|                                                                                   | B  | 271.0   | 240.0 | 213.0 | 178.0 | 178.0 |       |       |       |       |       | 271.0   | 241.0 | 214.0 | 179.0 | 178.0 |       |       |       |       |       |
| 60                                                                                | -  | 221.0   | 223.0 | 204.0 | 171.0 | 169.0 | 144.0 | 152.0 |       |       |       | 220.0   | 223.0 | 205.0 | 172.0 | 170.0 | 144.0 | 152.0 |       |       |       |
|                                                                                   | B  | 271.0   | 231.0 | 204.0 | 171.0 | 170.0 | 144.0 | 152.0 |       |       |       | 271.0   | 232.0 | 205.0 | 172.0 | 170.0 | 144.0 | 152.0 |       |       |       |
| 65                                                                                | -  | 202.0   | 204.0 | 195.0 | 165.0 | 162.0 | 139.0 | 145.0 | 119.0 |       |       | 201.0   | 204.0 | 197.0 | 166.0 | 163.0 | 139.0 | 145.0 | 123.0 |       |       |
|                                                                                   | B  | 269.0   | 222.0 | 196.0 | 165.0 | 162.0 | 139.0 | 145.0 | 119.0 |       |       | 269.0   | 224.0 | 197.0 | 166.0 | 163.0 | 139.0 | 145.0 | 123.0 |       |       |
| 70                                                                                | -  | 186.0   | 188.0 | 185.0 | 160.0 | 155.0 | 133.0 | 139.0 | 118.0 | 110.0 | 97.2  | 185.0   | 187.0 | 185.0 | 161.0 | 157.0 | 134.0 | 139.0 | 119.0 | 110.0 | 97.2  |
|                                                                                   | B  | 259.0   | 214.0 | 188.0 | 160.0 | 156.0 | 134.0 | 139.0 | 118.0 | 110.0 | 97.3  | 261.0   | 216.0 | 190.0 | 161.0 | 157.0 | 134.0 | 140.0 | 119.0 | 110.0 | 97.2  |
| 75                                                                                | -  | 172.0   | 173.0 | 171.0 | 154.0 | 149.0 | 129.0 | 133.0 | 115.0 | 106.0 | 94.5  | 170.0   | 173.0 | 171.0 | 155.0 | 151.0 | 130.0 | 134.0 | 114.0 | 106.0 | 94.7  |
|                                                                                   | B  | 249.0   | 207.0 | 181.0 | 154.0 | 150.0 | 129.0 | 133.0 | 115.0 | 106.0 | 94.5  | 251.0   | 209.0 | 182.0 | 155.0 | 151.0 | 130.0 | 134.0 | 114.0 | 106.0 | 94.7  |
| 80                                                                                | -  | 159.0   | 161.0 | 159.0 | 149.0 | 144.0 | 124.0 | 128.0 | 111.0 | 102.0 | 91.8  | 158.0   | 160.0 | 159.0 | 150.0 | 145.0 | 125.0 | 129.0 | 110.0 | 102.0 | 92.1  |
|                                                                                   | B  | 239.0   | 200.0 | 174.0 | 149.0 | 144.0 | 125.0 | 128.0 | 111.0 | 102.0 | 91.8  | 242.0   | 202.0 | 176.0 | 150.0 | 145.0 | 125.0 | 129.0 | 110.0 | 102.0 | 92.1  |
| 85                                                                                | -  | 148.0   | 149.0 | 148.0 | 144.0 | 138.0 | 120.0 | 123.0 | 108.0 | 98.2  | 89.3  | 147.0   | 149.0 | 148.0 | 146.0 | 140.0 | 121.0 | 124.0 | 107.0 | 98.7  | 89.5  |
|                                                                                   | B  | 230.0   | 193.0 | 168.0 | 144.0 | 139.0 | 120.0 | 123.0 | 108.0 | 98.2  | 89.3  | 233.0   | 196.0 | 170.0 | 146.0 | 140.0 | 121.0 | 124.0 | 107.0 | 98.7  | 89.5  |
| 90                                                                                | -  | 138.0   | 139.0 | 138.0 | 139.0 | 133.0 | 117.0 | 118.0 | 104.0 | 94.8  | 86.7  | 137.0   | 139.0 | 138.0 | 140.0 | 135.0 | 117.0 | 119.0 | 103.0 | 95.3  | 87.0  |
|                                                                                   | B  | 222.0   | 187.0 | 162.0 | 140.0 | 134.0 | 117.0 | 118.0 | 104.0 | 94.8  | 86.7  | 225.0   | 190.0 | 164.0 | 142.0 | 135.0 | 117.0 | 119.0 | 103.0 | 95.4  | 87.0  |
| 95                                                                                | -  | 127.0   | 128.0 | 129.0 | 131.0 | 128.0 | 113.0 | 114.0 | 101.0 | 91.5  | 84.3  | 127.0   | 129.0 | 129.0 | 131.0 | 129.0 | 114.0 | 115.0 | 100.0 | 92.2  | 84.7  |
|                                                                                   | B  | 214.0   | 181.0 | 156.0 | 136.0 | 129.0 | 113.0 | 114.0 | 101.0 | 91.5  | 84.3  | 217.0   | 185.0 | 159.0 | 138.0 | 131.0 | 114.0 | 115.0 | 100.0 | 92.2  | 84.7  |
| 100                                                                               | -  | 118.0   | 119.0 | 120.0 | 122.0 | 121.0 | 110.0 | 110.0 | 97.5  | 88.3  | 81.9  | 118.0   | 120.0 | 121.0 | 123.0 | 121.0 | 111.0 | 111.0 | 97.0  | 89.0  | 82.3  |
|                                                                                   | B  | 207.0   | 176.0 | 151.0 | 132.0 | 125.0 | 110.0 | 110.0 | 97.5  | 88.3  | 81.9  | 210.0   | 179.0 | 154.0 | 134.0 | 126.0 | 111.0 | 111.0 | 97.0  | 89.1  | 82.3  |
| 105                                                                               | -  | 110.0   | 111.0 | 112.0 | 113.0 | 113.0 | 106.0 | 106.0 | 94.5  | 85.4  | 79.2  | 110.0   | 111.0 | 112.0 | 114.0 | 113.0 | 108.0 | 108.0 | 94.0  | 86.3  | 79.9  |
|                                                                                   | B  | 200.0   | 171.0 | 147.0 | 129.0 | 121.0 | 106.0 | 106.0 | 94.5  | 85.4  | 79.2  | 203.0   | 174.0 | 149.0 | 130.0 | 122.0 | 108.0 | 108.0 | 94.0  | 86.3  | 79.9  |
| 110                                                                               | -  | 103.0   | 103.0 | 104.0 | 106.0 | 105.0 | 103.0 | 103.0 | 91.6  | 82.7  | 76.4  | 102.0   | 104.0 | 105.0 | 107.0 | 106.0 | 105.0 | 104.0 | 91.3  | 83.6  | 77.2  |
|                                                                                   | B  | 194.0   | 167.0 | 142.0 | 125.0 | 117.0 | 103.0 | 103.0 | 91.6  | 82.7  | 76.4  | 197.0   | 169.0 | 144.0 | 127.0 | 118.0 | 105.0 | 104.0 | 91.3  | 83.6  | 77.2  |
| 115                                                                               | -  | 95.9    | 96.5  | 97.5  | 99.1  | 98.5  | 99.7  | 98.7  | 88.9  | 80.2  | 73.7  | 95.4    | 97.0  | 98.0  | 99.5  | 99.0  | 101.0 | 99.9  | 88.7  | 81.1  | 74.5  |
|                                                                                   | B  | 188.0   | 162.0 | 138.0 | 122.0 | 113.0 | 101.0 | 99.2  | 88.9  | 80.2  | 73.7  | 191.0   | 165.0 | 140.0 | 123.0 | 115.0 | 102.0 | 101.0 | 88.7  | 81.1  | 74.5  |
| 120                                                                               | -  | 89.7    | 90.4  | 91.5  | 92.7  | 92.5  | 94.1  | 93.1  | 86.3  | 77.8  | 71.3  | 89.4    | 90.6  | 91.6  | 93.4  | 92.8  | 94.8  | 93.8  | 86.3  | 78.7  | 72.1  |
|                                                                                   | B  | 182.0   | 158.0 | 134.0 | 119.0 | 110.0 | 98.0  | 96.2  | 86.3  | 77.8  | 71.3  | 186.0   | 161.0 | 136.0 | 120.0 | 111.0 | 99.3  | 97.6  | 86.3  | 78.7  | 72.1  |
| 125                                                                               | -  | 84.1    | 84.8  | 85.7  | 87.2  | 86.8  | 88.6  | 87.6  | 83.8  | 75.5  | 69.3  | 83.7    | 84.9  | 86.1  | 87.6  | 87.3  | 89.0  | 88.1  | 83.9  | 76.3  | 70.1  |
|                                                                                   | B  | 177.0   | 154.0 | 130.0 | 116.0 | 107.0 | 95.4  | 93.1  | 83.9  | 75.5  | 69.3  | 180.0   | 157.0 | 133.0 | 117.0 | 108.0 | 96.7  | 94.6  | 83.9  | 76.3  | 70.1  |
| 130                                                                               | -  | 79.1    | 79.6  | 80.7  | 82.0  | 81.7  | 83.3  | 82.6  | 81.5  | 73.3  | 67.3  | 78.4    | 79.7  | 80.8  | 82.3  | 81.8  | 83.8  | 82.9  | 81.6  | 74.1  | 68.1  |
|                                                                                   | B  | 172.0   | 150.0 | 127.0 | 113.0 | 104.0 | 92.9  | 90.4  | 81.7  | 73.3  | 67.4  | 175.0   | 153.0 | 129.0 | 115.0 | 105.0 | 94.3  | 91.8  | 81.6  | 74.2  | 68.1  |
| 135                                                                               | -  | 74.4    | 74.9  | 76.0  | 77.2  | 76.9  | 78.6  | 77.8  | 78.5  | 71.3  | 65.4  | 73.8    | 74.9  | 76.0  | 77.5  | 77.2  | 78.8  | 78.2  | 79.3  | 72.1  | 66.2  |
|                                                                                   | B  | 168.0   | 147.0 | 123.0 | 110.0 | 101.0 | 90.6  | 87.8  | 79.5  | 71.3  | 65.4  | 171.0   | 150.0 | 126.0 | 112.0 | 102.0 | 92.0  | 89.3  | 79.4  | 72.2  | 66.2  |
| 140                                                                               | -  | 69.9    | 70.6  | 71.5  | 72.8  | 72.6  | 74.0  | 73.5  | 75.0  | 69.2  | 63.5  | 69.4    | 70.4  | 71.6  | 72.9  | 72.7  | 74.5  | 73.7  | 75.1  | 70.1  | 64.3  |
|                                                                                   | B  | 164.0   | 144.0 | 120.0 | 108.0 | 97.9  | 88.5  | 85.3  | 77.4  | 69.3  | 63.5  | 167.0   | 147.0 | 123.0 | 110.0 | 99.7  | 89.8  | 86.8  | 77.5  | 70.1  | 64.3  |
| 145                                                                               | -  | 66.0    | 66.5  | 67.5  | 68.7  | 68.5  | 70.0  | 69.4  | 71.2  | 67.3  | 61.6  | 65.2    | 66.4  | 67.4  | 68.9  | 68.6  | 70.2  | 69.7  | 70.8  | 68.2  | 62.4  |
|                                                                                   | B  | 160.0   | 141.0 | 117.0 | 105.0 | 95.4  | 86.5  | 82.9  | 75.4  | 67.4  | 61.6  | 163.0   | 144.0 | 120.0 | 107.0 | 97.2  | 87.7  | 84.4  | 75.5  | 68.3  | 62.4  |
| 150                                                                               | -  | 62.3    | 62.8  | 63.8  | 64.9  | 64.8  | 66.2  | 65.7  | 67.3  | 65.4  | 59.9  | 61.6    | 62.6  | 63.7  | 65.0  | 64.8  | 66.4  | 65.8  | 67.1  | 66.4  | 60.6  |
|                                                                                   | B  | 156.0   | 138.0 | 115.0 | 103.0 | 93.0  | 84.5  | 80.7  | 73.6  | 65.6  | 60.0  | 159.0   | 141.0 | 117.0 | 105.0 | 94.9  | 85.8  | 82.2  | 73.7  | 66.5  | 60.7  |
| 155                                                                               | -  | 58.9    | 59.3  | 60.3  | 61.4  | 61.3  | 62.6  | 62.2  | 63.9  | 62.9  | 58.2  | 58.1    | 59.0  | 60.2  | 61.3  | 61.2  | 62.8  | 62.3  | 63.4  | 63.9  | 59.0  |
|                                                                                   | B  | 152.0   | 136.0 | 112.0 | 101.0 | 90.8  | 82.7  | 78.6  | 71.9  | 63.9  | 58.3  | 155.0   | 138.0 | 114.0 | 103.0 | 92.6  | 83.9  | 80.0  | 71.9  | 64.8  | 59.1  |
| 160                                                                               | -  | 55.6    | 56.1  | 57.1  | 58.1  | 58.0  | 59.4  | 59.0  | 60.5  | 60.4  | 56.7  | 54.8    | 55.7  | 56.8  | 58.0  | 58.0  | 59.4  | 59.0  | 60.1  | 60.6  | 57.3  |
|                                                                                   | B  | 149.0   | 133.0 | 109.0 | 99.1  | 88.7  | 81.0  | 76.5  | 70.2  | 62.2  | 56.7  | 152.0   | 136.0 | 112.0 | 101.0 | 90.4  | 82.1  | 78.0  | 70.3  | 63.2  | 57.5  |
| 165                                                                               | -  | 52.6    | 53.0  | 54.0  | 55.0  | 55.0  | 56.2  | 56.0  | 57.5  | 57.3  | 55.2  | 51.8    | 52.7  | 53.8  | 54.9  | 54.8  | 56.3  | 55.9  | 56.9  | 57.4  | 55.8  |
|                                                                                   | B  | 146.0   | 131.0 | 107.0 | 97.2  | 86.8  | 79.3  | 74.7  | 68.6  | 60.8  | 55.2  | 149.0   | 133.0 | 109.0 | 99.1  | 88.3  | 80.4  | 76.0  | 68.8  | 61.7  | 56.0  |
| 170                                                                               | -  | 49.8    | 50.2  | 51.2  | 52.2  | 52.2  | 53.4  | 53.1  | 54.5  | 54.4  | 53.7  | 48.9    | 49.8  | 50.9  | 51.9  | 52.0  | 53.3  | 53.0  | 54.0  | 54.5  | 54.2  |
|                                                                                   | B  | 143.0   | 128.0 | 105.0 | 95.3  | 84.9  | 77.7  | 72.9  | 67.1  | 59.3  | 53.8  | 146.0   | 131.0 | 107.0 | 97.3  | 86.4  | 78.8  | 74.3  | 67.4  | 60.2  | 54.6  |
| 175                                                                               | -  | 47.2    | 47.5  | 48.5  | 49.5  | 49.4  | 50.6  | 50.4  | 51.8  | 51.7  | 52.3  | 46.3    | 47.1  | 48.1  | 49.2  | 49.2  | 50.5  | 5     |       |       |       |



286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb

| ft  |   | SL4 197 |       |      |      |      |      |      |      |       |       | SL4 207 |       |      |      |      |      |      |      |       |       |
|-----|---|---------|-------|------|------|------|------|------|------|-------|-------|---------|-------|------|------|------|------|------|------|-------|-------|
|     |   | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 200 | - |         | 36.4  | 37.3 | 38.1 | 38.2 | 39.1 | 39.2 | 40.3 | 40.3  | 41.5  | 35.2    | 35.8  | 36.8 | 37.6 | 37.8 | 38.8 | 38.8 | 39.6 | 40.1  | 40.0  |
|     | B |         | 117.0 | 93.3 | 86.4 | 74.9 | 69.6 | 63.9 | 59.5 | 51.9  | 46.4  | 130.0   | 120.0 | 95.4 | 88.1 | 76.6 | 70.9 | 65.1 | 59.7 | 52.8  | 47.3  |
| 205 | - |         |       | 35.5 | 36.2 | 36.3 | 37.2 | 37.3 | 38.4 | 38.4  | 39.5  | 33.3    | 33.9  | 34.9 | 35.7 | 35.8 | 36.9 | 36.9 | 37.6 | 38.2  | 38.1  |
|     | B |         |       | 91.8 | 85.2 | 73.5 | 68.5 | 62.6 | 58.5 | 50.9  | 45.4  | 128.0   | 118.0 | 93.8 | 86.8 | 75.1 | 69.8 | 63.9 | 58.6 | 51.7  | 46.3  |
| 210 | - |         |       | 33.7 | 34.3 | 34.5 | 35.4 | 35.4 | 36.6 | 36.6  | 37.7  |         |       | 33.1 | 33.8 | 34.0 | 35.0 | 35.0 | 35.7 | 36.3  | 36.2  |
|     | B |         |       | 90.4 | 84.1 | 72.3 | 67.5 | 61.3 | 57.4 | 49.9  | 44.4  |         |       | 92.3 | 85.6 | 73.8 | 68.7 | 62.6 | 57.6 | 50.8  | 45.3  |
| 215 | - |         |       | 32.0 | 32.6 | 32.8 | 33.6 | 33.8 | 34.8 | 34.8  | 35.9  |         |       | 31.4 | 32.1 | 32.3 | 33.2 | 33.3 | 33.9 | 34.5  | 34.5  |
|     | B |         |       | 89.0 | 83.1 | 71.0 | 66.5 | 60.1 | 56.4 | 48.9  | 43.5  |         |       | 90.9 | 84.6 | 72.5 | 67.6 | 61.4 | 56.6 | 49.8  | 44.4  |
| 220 | - |         |       |      |      | 31.2 | 31.9 | 32.1 | 33.1 | 33.1  | 34.2  |         |       | 29.7 | 30.4 | 30.6 | 31.5 | 31.7 | 32.3 | 32.8  | 32.8  |
|     | B |         |       |      |      | 69.8 | 65.5 | 58.9 | 55.5 | 48.0  | 42.6  |         |       | 89.6 | 83.6 | 71.3 | 66.7 | 60.2 | 55.7 | 48.8  | 43.4  |
| 225 | - |         |       |      |      | 29.6 | 30.4 | 30.6 | 31.5 | 31.6  | 32.6  |         |       | 28.8 | 29.0 | 29.9 | 30.1 | 30.7 | 31.2 | 31.2  | 31.2  |
|     | B |         |       |      |      | 68.7 | 64.6 | 57.9 | 54.6 | 47.1  | 41.7  |         |       |      | 82.7 | 70.1 | 65.7 | 59.1 | 54.8 | 47.9  | 42.5  |
| 230 | - |         |       |      |      | 28.2 | 28.9 | 29.1 | 30.0 | 30.1  | 31.1  |         |       |      |      | 27.5 | 28.4 | 28.6 | 29.1 | 29.7  | 29.7  |
|     | B |         |       |      |      | 67.7 | 63.8 | 56.9 | 53.7 | 46.2  | 40.9  |         |       |      |      | 69.1 | 64.9 | 58.0 | 53.9 | 47.1  | 41.6  |
| 235 | - |         |       |      |      |      | 27.4 | 27.7 | 28.5 | 28.6  | 29.7  |         |       |      |      | 26.1 | 26.9 | 27.1 | 27.6 | 28.2  | 28.2  |
|     | B |         |       |      |      |      | 63.0 | 55.9 | 52.9 | 45.4  | 40.0  |         |       |      |      | 68.1 | 64.1 | 57.1 | 53.1 | 46.2  | 40.8  |
| 240 | - |         |       |      |      |      |      | 26.3 | 27.2 | 27.2  | 28.3  |         |       |      |      | 24.8 | 25.5 | 25.7 | 26.2 | 26.8  | 26.8  |
|     | B |         |       |      |      |      |      | 55.0 | 52.1 | 44.6  | 39.2  |         |       |      |      | 67.1 | 63.3 | 56.1 | 52.3 | 45.5  | 40.0  |
| 245 | - |         |       |      |      |      |      | 25.0 | 25.8 | 25.9  | 26.9  |         |       |      |      |      |      | 24.4 | 24.9 | 25.5  | 25.5  |
|     | B |         |       |      |      |      |      | 54.1 | 51.4 | 43.9  | 38.5  |         |       |      |      |      |      | 55.2 | 51.6 | 44.7  | 39.3  |
| 250 | - |         |       |      |      |      |      | 23.8 | 24.6 | 24.6  | 25.7  |         |       |      |      |      |      | 23.2 | 23.6 | 24.1  | 24.2  |
|     | B |         |       |      |      |      |      | 53.3 | 50.7 | 43.1  | 37.7  |         |       |      |      |      |      | 54.2 | 50.9 | 44.0  | 38.5  |
| 255 | - |         |       |      |      |      |      |      |      | 23.4  | 24.4  |         |       |      |      |      |      | 22.1 | 22.4 | 22.9  | 23.0  |
|     | B |         |       |      |      |      |      |      |      | 42.5  | 37.0  |         |       |      |      |      |      | 53.4 | 50.2 | 43.3  | 37.8  |
| 260 | - |         |       |      |      |      |      |      |      | 22.3  | 23.3  |         |       |      |      |      |      |      | 21.4 | 21.8  | 22.0  |
|     | B |         |       |      |      |      |      |      |      | 41.8  | 36.3  |         |       |      |      |      |      |      | 49.6 | 42.6  | 37.2  |
| 265 | - |         |       |      |      |      |      |      |      | 21.3  | 22.2  |         |       |      |      |      |      |      |      | 20.8  | 20.9  |
|     | B |         |       |      |      |      |      |      |      | 41.2  | 35.7  |         |       |      |      |      |      |      |      | 42.0  | 36.5  |
| 270 | - |         |       |      |      |      |      |      |      |       | 21.3  |         |       |      |      |      |      |      |      | 19.9  | 20.0  |
|     | B |         |       |      |      |      |      |      |      |       | 35.1  |         |       |      |      |      |      |      |      | 41.4  | 35.9  |
| 275 | - |         |       |      |      |      |      |      |      |       | 20.4  |         |       |      |      |      |      |      |      | 19.0  | 19.2  |
|     | B |         |       |      |      |      |      |      |      |       | 34.6  |         |       |      |      |      |      |      |      | 40.8  | 35.3  |
| 280 | - |         |       |      |      |      |      |      |      |       | 19.5  |         |       |      |      |      |      |      |      |       | 18.3  |
|     | B |         |       |      |      |      |      |      |      |       | 34.0  |         |       |      |      |      |      |      |      |       | 34.7  |
| 285 | - |         |       |      |      |      |      |      |      |       | 18.7  |         |       |      |      |      |      |      |      |       | 17.5  |
|     | B |         |       |      |      |      |      |      |      |       | 33.5  |         |       |      |      |      |      |      |      |       | 34.2  |
| 290 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 16.7  |
|     | B |         |       |      |      |      |      |      |      |       | 33.0  |         |       |      |      |      |      |      |      |       | 33.7  |
| 295 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 33.2  |



286,600 lb -  
374,800 lb



529,100 lb - 617,300 lb

330,700 lb - 463,000 lb

66,100 lb - 264,600 lb

|  |   | SL4 217 |       |       |       |       |       |       |       |       |       | SL4 226 |       |       |       |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------|---|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                   |   | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 |
|                                                                                   |   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   |
| 45                                                                                | - | 271.0   | 261.0 |       |       |       |       |       |       |       |       | 271.0   |       |       |       |       |       |       |       |       |       |
|                                                                                   | B | 271.0   | 262.0 |       |       |       |       |       |       |       |       | 271.0   |       |       |       |       |       |       |       |       |       |
| 50                                                                                | - | 260.0   | 252.0 | 225.0 |       |       |       |       |       |       |       | 258.0   | 252.0 | 224.0 |       |       |       |       |       |       |       |
|                                                                                   | B | 271.0   | 252.0 | 225.0 |       |       |       |       |       |       |       | 271.0   | 253.0 | 225.0 |       |       |       |       |       |       |       |
| 55                                                                                | - | 235.0   | 237.0 | 215.0 | 179.0 | 178.0 |       |       |       |       |       | 233.0   | 236.0 | 216.0 | 179.0 |       |       |       |       |       |       |
|                                                                                   | B | 271.0   | 243.0 | 215.0 | 179.0 | 178.0 |       |       |       |       |       | 271.0   | 244.0 | 216.0 | 180.0 |       |       |       |       |       |       |
| 60                                                                                | - | 213.0   | 216.0 | 206.0 | 173.0 | 171.0 |       | 153.0 |       |       |       | 212.0   | 215.0 | 207.0 | 174.0 | 171.0 |       | 153.0 |       |       |       |
|                                                                                   | B | 271.0   | 234.0 | 207.0 | 173.0 | 171.0 |       | 153.0 |       |       |       | 271.0   | 235.0 | 208.0 | 174.0 | 172.0 |       | 153.0 |       |       |       |
| 65                                                                                | - | 195.0   | 197.0 | 194.0 | 167.0 | 164.0 | 140.0 | 146.0 |       |       |       | 194.0   | 197.0 | 194.0 | 168.0 | 165.0 | 140.0 | 147.0 |       |       |       |
|                                                                                   | B | 271.0   | 226.0 | 199.0 | 167.0 | 164.0 | 140.0 | 146.0 |       |       |       | 271.0   | 228.0 | 200.0 | 168.0 | 165.0 | 140.0 | 147.0 |       |       |       |
| 70                                                                                | - | 180.0   | 182.0 | 179.0 | 162.0 | 158.0 | 135.0 | 140.0 | 118.0 | 111.0 | 97.2  | 178.0   | 181.0 | 179.0 | 162.0 | 158.0 | 135.0 | 141.0 | 119.0 | 111.0 |       |
|                                                                                   | B | 266.0   | 219.0 | 191.0 | 162.0 | 158.0 | 135.0 | 140.0 | 118.0 | 111.0 | 97.2  | 267.0   | 220.0 | 193.0 | 163.0 | 159.0 | 135.0 | 141.0 | 119.0 | 111.0 |       |
| 75                                                                                | - | 166.0   | 168.0 | 166.0 | 157.0 | 152.0 | 130.0 | 135.0 | 116.0 | 107.0 | 94.7  | 165.0   | 167.0 | 165.0 | 158.0 | 153.0 | 131.0 | 136.0 | 115.0 | 107.0 | 94.7  |
|                                                                                   | B | 256.0   | 211.0 | 184.0 | 157.0 | 152.0 | 130.0 | 135.0 | 116.0 | 107.0 | 94.7  | 258.0   | 214.0 | 186.0 | 158.0 | 153.0 | 131.0 | 136.0 | 115.0 | 107.0 | 94.7  |
| 80                                                                                | - | 154.0   | 155.0 | 154.0 | 152.0 | 146.0 | 126.0 | 130.0 | 113.0 | 103.0 | 92.2  | 152.0   | 155.0 | 154.0 | 153.0 | 147.0 | 127.0 | 130.0 | 111.0 | 103.0 | 92.3  |
|                                                                                   | B | 247.0   | 205.0 | 178.0 | 152.0 | 146.0 | 126.0 | 130.0 | 113.0 | 103.0 | 92.2  | 248.0   | 207.0 | 179.0 | 153.0 | 148.0 | 127.0 | 130.0 | 111.0 | 103.0 | 92.3  |
| 85                                                                                | - | 143.0   | 144.0 | 143.0 | 145.0 | 141.0 | 122.0 | 125.0 | 109.0 | 99.3  | 89.7  | 142.0   | 144.0 | 143.0 | 146.0 | 141.0 | 123.0 | 126.0 | 108.0 | 99.7  | 89.8  |
|                                                                                   | B | 238.0   | 199.0 | 172.0 | 147.0 | 141.0 | 122.0 | 125.0 | 109.0 | 99.3  | 89.7  | 240.0   | 201.0 | 174.0 | 148.0 | 142.0 | 123.0 | 126.0 | 108.0 | 99.7  | 89.9  |
| 90                                                                                | - | 133.0   | 135.0 | 134.0 | 136.0 | 133.0 | 119.0 | 120.0 | 106.0 | 95.9  | 87.2  | 132.0   | 134.0 | 133.0 | 136.0 | 133.0 | 120.0 | 121.0 | 105.0 | 96.3  | 87.4  |
|                                                                                   | B | 230.0   | 193.0 | 166.0 | 143.0 | 136.0 | 119.0 | 120.0 | 106.0 | 96.0  | 87.2  | 232.0   | 196.0 | 168.0 | 144.0 | 138.0 | 120.0 | 121.0 | 105.0 | 96.3  | 87.5  |
| 95                                                                                | - | 125.0   | 126.0 | 125.0 | 127.0 | 125.0 | 115.0 | 116.0 | 102.0 | 92.9  | 84.9  | 123.0   | 125.0 | 125.0 | 127.0 | 125.0 | 116.0 | 117.0 | 101.0 | 93.3  | 84.9  |
|                                                                                   | B | 223.0   | 187.0 | 161.0 | 139.0 | 132.0 | 115.0 | 116.0 | 102.0 | 92.9  | 84.9  | 224.0   | 190.0 | 163.0 | 140.0 | 133.0 | 116.0 | 117.0 | 101.0 | 93.3  | 84.9  |
| 100                                                                               | - | 116.0   | 117.0 | 117.0 | 119.0 | 117.0 | 112.0 | 112.0 | 99.2  | 89.8  | 82.7  | 115.0   | 117.0 | 117.0 | 119.0 | 117.0 | 113.0 | 114.0 | 98.3  | 90.4  | 82.0  |
|                                                                                   | B | 215.0   | 182.0 | 156.0 | 135.0 | 128.0 | 112.0 | 112.0 | 99.2  | 89.8  | 82.7  | 217.0   | 185.0 | 158.0 | 137.0 | 129.0 | 113.0 | 114.0 | 98.3  | 90.4  | 82.0  |
| 105                                                                               | - | 108.0   | 108.0 | 109.0 | 111.0 | 110.0 | 109.0 | 109.0 | 96.3  | 87.0  | 80.5  | 107.0   | 109.0 | 110.0 | 112.0 | 110.0 | 109.0 | 109.0 | 95.6  | 87.5  | 79.2  |
|                                                                                   | B | 209.0   | 177.0 | 151.0 | 132.0 | 124.0 | 109.0 | 109.0 | 96.3  | 87.0  | 80.5  | 211.0   | 180.0 | 153.0 | 133.0 | 125.0 | 110.0 | 110.0 | 95.6  | 87.5  | 79.2  |
| 110                                                                               | - | 100.0   | 101.0 | 102.0 | 104.0 | 103.0 | 105.0 | 103.0 | 93.5  | 84.3  | 78.0  | 99.9    | 101.0 | 102.0 | 104.0 | 103.0 | 105.0 | 104.0 | 92.9  | 85.0  | 76.9  |
|                                                                                   | B | 202.0   | 173.0 | 147.0 | 128.0 | 120.0 | 106.0 | 105.0 | 93.5  | 84.5  | 78.0  | 205.0   | 175.0 | 149.0 | 130.0 | 122.0 | 107.0 | 107.0 | 92.9  | 85.0  | 76.9  |
| 115                                                                               | - | 93.5    | 94.1  | 95.1  | 96.8  | 96.2  | 98.2  | 97.1  | 90.9  | 81.8  | 75.5  | 92.9    | 94.6  | 95.5  | 97.4  | 96.8  | 99.0  | 97.6  | 90.3  | 82.6  | 75.0  |
|                                                                                   | B | 196.0   | 168.0 | 142.0 | 125.0 | 117.0 | 103.0 | 102.0 | 90.9  | 82.0  | 75.5  | 199.0   | 171.0 | 145.0 | 127.0 | 118.0 | 104.0 | 103.0 | 90.4  | 82.6  | 75.0  |
| 120                                                                               | - | 87.2    | 88.1  | 89.2  | 90.7  | 90.1  | 92.0  | 91.0  | 88.3  | 79.4  | 73.0  | 86.9    | 88.3  | 89.4  | 91.1  | 90.6  | 92.7  | 91.5  | 88.0  | 80.3  | 73.2  |
|                                                                                   | B | 191.0   | 164.0 | 138.0 | 122.0 | 113.0 | 101.0 | 98.9  | 88.5  | 79.6  | 73.0  | 193.0   | 167.0 | 141.0 | 124.0 | 115.0 | 102.0 | 100.0 | 88.1  | 80.3  | 73.2  |
| 125                                                                               | - | 81.8    | 82.5  | 83.5  | 85.1  | 84.5  | 86.4  | 85.5  | 85.8  | 77.2  | 70.8  | 81.2    | 82.5  | 83.7  | 85.5  | 84.9  | 86.9  | 85.9  | 85.5  | 78.1  | 71.4  |
|                                                                                   | B | 185.0   | 160.0 | 135.0 | 119.0 | 110.0 | 98.0  | 96.0  | 86.1  | 77.3  | 70.8  | 188.0   | 163.0 | 137.0 | 121.0 | 111.0 | 99.0  | 97.3  | 85.8  | 78.1  | 71.4  |
| 130                                                                               | - | 76.7    | 77.2  | 78.4  | 79.9  | 79.5  | 81.2  | 80.3  | 82.4  | 75.1  | 68.9  | 76.0    | 77.4  | 78.5  | 80.1  | 79.8  | 81.6  | 80.7  | 81.9  | 75.9  | 69.6  |
|                                                                                   | B | 180.0   | 156.0 | 131.0 | 117.0 | 107.0 | 95.5  | 93.1  | 83.9  | 75.1  | 68.9  | 183.0   | 159.0 | 133.0 | 118.0 | 109.0 | 96.6  | 94.5  | 83.6  | 75.9  | 69.6  |
| 135                                                                               | - | 71.9    | 72.6  | 73.7  | 75.0  | 74.7  | 76.6  | 75.8  | 77.6  | 73.0  | 67.0  | 71.3    | 72.5  | 73.6  | 75.4  | 75.0  | 76.9  | 75.9  | 77.4  | 73.9  | 67.7  |
|                                                                                   | B | 175.0   | 153.0 | 128.0 | 114.0 | 104.0 | 93.2  | 90.5  | 81.7  | 73.0  | 67.0  | 179.0   | 156.0 | 130.0 | 116.0 | 106.0 | 94.4  | 91.8  | 81.5  | 73.9  | 67.7  |
| 140                                                                               | - | 67.7    | 68.2  | 69.2  | 70.7  | 70.4  | 72.0  | 71.4  | 73.3  | 71.1  | 65.1  | 66.8    | 68.2  | 69.3  | 70.7  | 70.5  | 72.4  | 71.7  | 72.9  | 71.9  | 65.9  |
|                                                                                   | B | 171.0   | 150.0 | 125.0 | 111.0 | 101.0 | 91.0  | 88.1  | 79.6  | 71.1  | 65.1  | 174.0   | 152.0 | 127.0 | 113.0 | 103.0 | 92.3  | 89.4  | 79.5  | 72.0  | 65.9  |
| 145                                                                               | - | 63.6    | 64.2  | 65.3  | 66.5  | 66.3  | 68.0  | 67.4  | 69.3  | 68.6  | 63.3  | 62.9    | 64.1  | 65.1  | 66.7  | 66.4  | 68.2  | 67.4  | 68.9  | 69.3  | 64.1  |
|                                                                                   | B | 167.0   | 147.0 | 122.0 | 109.0 | 98.9  | 89.0  | 85.8  | 77.7  | 69.2  | 63.3  | 170.0   | 149.0 | 124.0 | 111.0 | 100.0 | 90.2  | 87.0  | 77.6  | 70.1  | 64.1  |
| 150                                                                               | - | 59.9    | 60.5  | 61.5  | 62.8  | 62.6  | 64.2  | 63.6  | 65.4  | 65.3  | 61.5  | 59.1    | 60.2  | 61.4  | 62.8  | 62.6  | 64.3  | 63.7  | 65.0  | 65.5  | 62.3  |
|                                                                                   | B | 163.0   | 144.0 | 119.0 | 107.0 | 96.5  | 87.0  | 83.5  | 75.9  | 67.5  | 61.5  | 166.0   | 146.0 | 121.0 | 108.0 | 98.0  | 88.3  | 84.8  | 75.7  | 68.2  | 62.4  |
| 155                                                                               | - | 56.5    | 57.0  | 58.0  | 59.3  | 59.1  | 60.6  | 60.1  | 61.9  | 61.7  | 59.9  | 55.6    | 56.7  | 57.8  | 59.2  | 59.0  | 60.7  | 60.1  | 61.4  | 62.0  | 60.5  |
|                                                                                   | B | 160.0   | 141.0 | 117.0 | 105.0 | 94.2  | 85.2  | 81.4  | 74.1  | 65.8  | 59.9  | 162.0   | 144.0 | 118.0 | 106.0 | 95.7  | 86.5  | 82.7  | 74.0  | 66.7  | 60.7  |
| 160                                                                               | - | 53.3    | 53.7  | 54.8  | 55.9  | 55.8  | 57.3  | 56.8  | 58.6  | 58.4  | 58.3  | 52.4    | 53.4  | 54.6  | 55.9  | 55.8  | 57.3  | 56.9  | 58.0  | 58.5  | 57.8  |
|                                                                                   | B | 156.0   | 138.0 | 114.0 | 103.0 | 92.0  | 83.5  | 79.4  | 72.4  | 64.2  | 58.3  | 159.0   | 141.0 | 116.0 | 104.0 | 93.5  | 84.6  | 80.7  | 72.4  | 65.1  | 59.2  |
| 165                                                                               | - | 50.2    | 50.7  | 51.7  | 52.9  | 52.8  | 54.1  | 53.8  | 55.5  | 55.3  | 56.2  | 49.3    | 50.3  | 51.5  | 52.7  | 52.6  | 54.2  | 53.7  | 54.9  | 55.5  | 55.0  |
|                                                                                   | B | 153.0   | 136.0 | 112.0 | 101.0 | 90.0  | 81.8  | 77.5  | 70.9  | 62.7  | 56.8  | 155.0   | 138.0 | 114.0 | 102.0 | 91.5  | 82.9  | 78.8  | 70.9  | 63.6  | 57.7  |
| 170                                                                               | - | 47.5    | 47.9  | 48.9  | 50.0  | 49.9  | 51.3  | 50.9  | 52.6  | 52.5  | 53.6  | 46.5    | 47.5  | 48.5  | 49.8  | 49.8  | 51.2  | 50.9  | 51.9  | 52.5  | 52.3  |
|                                                                                   | B | 150.0   | 134.0 | 109.0 | 99.0  | 88.0  | 80.2  | 75.7  | 69.4  | 61.2  | 55.4  | 152.0   | 136.0 | 111.0 | 101.0 | 89.5  | 81.3  | 77.0  | 69.4  | 62.1  | 56.2  |
| 175                                                                               | - | 44.8    | 45.2  | 46.2  | 47.3  | 47.3  | 48.5  | 48.3  | 49.8  | 49.7  | 50.9  | 43.8    | 44.7  | 45.9  | 47.1  | 47.0  | 48.5  | 48.1  | 49.2  | 49.8  | 49.5  |
|                                                                                   | B | 147.0   | 131.0 | 107.0 | 97.3  | 86.2  | 78.7  | 74.0  | 67.9  | 59.8  | 54.1  | 149.0   | 134.0 | 109.0 | 98.8  | 87.6  | 79.8  | 75.3  | 67.9  | 60.7  | 54.8  |
| 180                                                                               | - | 42.3    | 42.7  | 43.7  | 44.8  | 44.7  | 46.0  | 45.7  | 4     |       |       |         |       |       |       |       |       |       |       |       |       |



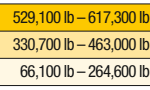
286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb

| ft  |   | SL4 217 |       |      |      |      |      |      |      |       |       | SL4 226 |       |      |      |      |      |      |      |       |       |
|-----|---|---------|-------|------|------|------|------|------|------|-------|-------|---------|-------|------|------|------|------|------|------|-------|-------|
|     |   | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 210 | - | 30.2    | 30.4  | 31.4 | 32.1 | 32.3 | 33.3 | 33.3 | 34.5 | 34.6  | 35.7  | 29.0    | 29.7  | 30.8 | 31.6 | 31.8 | 32.9 | 32.9 | 33.6 | 34.3  | 34.2  |
|     | B | 130.0   | 119.0 | 94.2 | 87.1 | 75.1 | 69.9 | 63.8 | 59.5 | 51.6  | 46.1  | 132.0   | 121.0 | 96.1 | 88.6 | 76.6 | 70.9 | 65.0 | 59.6 | 52.6  | 46.8  |
| 215 | - |         | 28.7  | 29.7 | 30.4 | 30.6 | 31.5 | 31.6 | 32.8 | 32.8  | 33.9  | 27.4    | 28.0  | 29.0 | 29.9 | 30.0 | 31.1 | 31.2 | 31.9 | 32.5  | 32.5  |
|     | B |         | 117.0 | 92.7 | 86.0 | 73.8 | 68.9 | 62.6 | 58.4 | 50.7  | 45.1  | 130.0   | 119.0 | 94.6 | 87.5 | 75.3 | 69.9 | 63.8 | 58.5 | 51.7  | 45.9  |
| 220 | - |         |       | 28.1 | 28.8 | 29.0 | 29.9 | 30.0 | 31.1 | 31.1  | 32.2  | 25.8    | 26.4  | 27.4 | 28.2 | 28.4 | 29.4 | 29.5 | 30.2 | 30.8  | 30.8  |
|     | B |         |       | 91.3 | 84.9 | 72.7 | 67.8 | 61.5 | 57.5 | 49.7  | 44.2  | 128.0   | 118.0 | 93.1 | 86.4 | 74.0 | 68.8 | 62.6 | 57.5 | 50.7  | 45.0  |
| 225 | - |         |       | 26.5 | 27.2 | 27.4 | 28.3 | 28.4 | 29.5 | 29.5  | 30.6  |         |       | 25.8 | 26.6 | 26.8 | 27.8 | 27.9 | 28.5 | 29.2  | 29.2  |
|     | B |         |       | 90.1 | 84.0 | 71.5 | 66.9 | 60.4 | 56.5 | 48.8  | 43.3  |         |       | 91.8 | 85.3 | 72.8 | 67.8 | 61.5 | 56.6 | 49.8  | 44.2  |
| 230 | - |         |       | 25.1 | 25.7 | 25.9 | 26.8 | 26.9 | 28.0 | 28.0  | 29.1  |         |       | 24.4 | 25.1 | 25.3 | 26.3 | 26.4 | 27.0 | 27.6  | 27.6  |
|     | B |         |       | 88.9 | 83.1 | 70.4 | 66.0 | 59.3 | 55.6 | 47.9  | 42.4  |         |       | 90.6 | 84.4 | 71.7 | 66.9 | 60.4 | 55.8 | 48.8  | 43.3  |
| 235 | - |         |       |      |      | 24.5 | 25.3 | 25.5 | 26.5 | 26.6  | 27.6  |         |       | 23.0 | 23.7 | 23.9 | 24.8 | 25.0 | 25.5 | 26.2  | 26.2  |
|     | B |         |       |      |      | 69.4 | 65.1 | 58.2 | 54.7 | 47.1  | 41.6  |         |       | 89.4 | 83.4 | 70.6 | 66.0 | 59.3 | 54.9 | 48.0  | 42.4  |
| 240 | - |         |       |      |      | 23.2 | 23.9 | 24.2 | 25.1 | 25.2  | 26.2  |         |       | 21.7 | 22.3 | 22.5 | 23.4 | 23.6 | 24.1 | 24.7  | 24.8  |
|     | B |         |       |      |      | 68.4 | 64.3 | 57.3 | 54.0 | 46.3  | 40.8  |         |       | 88.3 | 82.5 | 69.6 | 65.1 | 58.3 | 54.0 | 47.1  | 41.6  |
| 245 | - |         |       |      |      | 21.9 | 22.6 | 22.8 | 23.8 | 23.9  | 24.9  |         |       |      |      | 21.3 | 22.1 | 22.2 | 22.8 | 23.4  | 23.5  |
|     | B |         |       |      |      | 67.4 | 63.5 | 56.4 | 53.2 | 45.5  | 40.1  |         |       |      |      | 68.6 | 64.3 | 57.4 | 53.3 | 46.3  | 40.8  |
| 250 | - |         |       |      |      |      | 21.5 | 21.7 | 22.5 | 22.6  | 23.6  |         |       |      |      | 20.3 | 21.0 | 21.2 | 21.6 | 22.2  | 22.2  |
|     | B |         |       |      |      |      | 62.8 | 55.5 | 52.4 | 44.8  | 39.4  |         |       |      |      | 67.6 | 63.7 | 56.5 | 52.5 | 45.5  | 40.1  |
| 255 | - |         |       |      |      |      |      | 20.7 | 21.4 | 21.5  | 22.4  |         |       |      |      | 19.3 | 19.9 | 20.2 | 20.6 | 21.1  | 21.2  |
|     | B |         |       |      |      |      |      | 54.6 | 51.8 | 44.1  | 38.7  |         |       |      |      | 66.7 | 63.0 | 55.6 | 51.8 | 44.8  | 39.4  |
| 260 | - |         |       |      |      |      |      | 19.7 | 20.4 | 20.5  | 21.4  |         |       |      |      | 19.2 | 19.6 | 19.2 | 19.6 | 20.1  | 20.1  |
|     | B |         |       |      |      |      |      | 53.7 | 51.1 | 43.4  | 38.0  |         |       |      |      |      |      | 54.8 | 51.1 | 44.1  | 38.7  |
| 265 | - |         |       |      |      |      |      | 18.8 | 19.5 | 19.6  | 20.4  |         |       |      |      |      |      | 18.2 | 18.6 | 19.1  | 19.2  |
|     | B |         |       |      |      |      |      | 52.9 | 50.5 | 42.7  | 37.3  |         |       |      |      |      |      | 54.0 | 50.5 | 43.5  | 38.0  |
| 270 | - |         |       |      |      |      |      |      |      | 18.7  | 19.5  |         |       |      |      |      |      | 17.3 | 17.7 | 18.2  | 18.3  |
|     | B |         |       |      |      |      |      |      |      | 42.1  | 36.7  |         |       |      |      |      |      | 53.2 | 49.9 | 42.8  | 37.4  |
| 275 | - |         |       |      |      |      |      |      |      | 17.8  | 18.6  |         |       |      |      |      |      |      | 16.8 | 17.3  | 17.4  |
|     | B |         |       |      |      |      |      |      |      | 41.5  | 36.1  |         |       |      |      |      |      |      | 49.3 | 42.2  | 36.8  |
| 280 | - |         |       |      |      |      |      |      |      | 16.9  | 17.8  |         |       |      |      |      |      |      |      | 16.4  | 16.6  |
|     | B |         |       |      |      |      |      |      |      | 40.9  | 35.5  |         |       |      |      |      |      |      |      | 41.7  | 36.2  |
| 285 | - |         |       |      |      |      |      |      |      | 16.1  | 17.0  |         |       |      |      |      |      |      |      | 15.6  | 15.7  |
|     | B |         |       |      |      |      |      |      |      | 40.4  | 34.9  |         |       |      |      |      |      |      |      | 41.1  | 35.6  |
| 290 | - |         |       |      |      |      |      |      |      |       | 16.2  |         |       |      |      |      |      |      |      | 14.8  | 15.0  |
|     | B |         |       |      |      |      |      |      |      |       | 34.4  |         |       |      |      |      |      |      |      | 40.6  | 35.0  |
| 295 | - |         |       |      |      |      |      |      |      |       | 15.4  |         |       |      |      |      |      |      |      |       | 14.2  |
|     | B |         |       |      |      |      |      |      |      |       | 33.8  |         |       |      |      |      |      |      |      |       | 34.5  |
| 300 | - |         |       |      |      |      |      |      |      |       | 14.7  |         |       |      |      |      |      |      |      |       | 13.4  |
|     | B |         |       |      |      |      |      |      |      |       | 33.3  |         |       |      |      |      |      |      |      |       | 34.0  |
| 305 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 12.7  |
|     | B |         |       |      |      |      |      |      |      |       | 32.9  |         |       |      |      |      |      |      |      |       | 33.5  |
| 310 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 33.1  |
|     | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
| 315 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 32.7  |
|     | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |





|  |   | SL4 236 |       |       |       |       |       |       |       |       |       | SL4 246 |       |       |       |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------|---|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                   |   | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 |
|                                                                                   |   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   |
| 45                                                                                | - | 268.0   |       |       |       |       |       |       |       |       |       | 266.0   |       |       |       |       |       |       |       |       |       |
|                                                                                   | B | 270.0   |       |       |       |       |       |       |       |       |       | 266.0   |       |       |       |       |       |       |       |       |       |
| 50                                                                                | - | 250.0   | 251.0 |       |       |       |       |       |       |       |       | 267.0   | 253.0 |       |       |       |       |       |       |       |       |
|                                                                                   | B | 271.0   | 253.0 |       |       |       |       |       |       |       |       | 267.0   | 253.0 |       |       |       |       |       |       |       |       |
| 55                                                                                | - | 226.0   | 229.0 | 216.0 |       |       |       |       |       |       |       | 262.0   | 244.0 | 216.0 |       |       |       |       |       |       |       |
|                                                                                   | B | 271.0   | 244.0 | 216.0 |       |       |       |       |       |       |       | 269.0   | 245.0 | 216.0 |       |       |       |       |       |       |       |
| 60                                                                                | - | 206.0   | 208.0 | 205.0 | 174.0 | 171.0 |       | 152.0 |       |       |       | 246.0   | 237.0 | 208.0 | 174.0 | 171.0 |       |       |       |       |       |
|                                                                                   | B | 271.0   | 236.0 | 208.0 | 174.0 | 171.0 |       | 152.0 |       |       |       | 269.0   | 237.0 | 208.0 | 174.0 | 172.0 |       |       |       |       |       |
| 65                                                                                | - | 189.0   | 191.0 | 188.0 | 168.0 | 165.0 | 140.0 | 147.0 |       |       |       | 226.0   | 227.0 | 201.0 | 169.0 | 165.0 | 140.0 | 146.0 |       |       |       |
|                                                                                   | B | 270.0   | 229.0 | 200.0 | 168.0 | 165.0 | 140.0 | 147.0 |       |       |       | 268.0   | 230.0 | 201.0 | 169.0 | 165.0 | 140.0 | 146.0 |       |       |       |
| 70                                                                                | - | 174.0   | 175.0 | 173.0 | 163.0 | 159.0 | 135.0 | 141.0 | 118.0 |       |       | 208.0   | 210.0 | 194.0 | 164.0 | 159.0 | 136.0 | 141.0 | 119.0 |       |       |
|                                                                                   | B | 267.0   | 221.0 | 193.0 | 163.0 | 159.0 | 135.0 | 141.0 | 118.0 |       |       | 267.0   | 223.0 | 194.0 | 164.0 | 159.0 | 136.0 | 141.0 | 119.0 |       |       |
| 75                                                                                | - | 160.0   | 162.0 | 160.0 | 158.0 | 153.0 | 131.0 | 136.0 | 116.0 | 107.0 | 93.8  | 193.0   | 195.0 | 187.0 | 159.0 | 154.0 | 132.0 | 136.0 | 115.0 | 107.0 | 93.6  |
|                                                                                   | B | 261.0   | 215.0 | 187.0 | 158.0 | 153.0 | 131.0 | 136.0 | 116.0 | 107.0 | 93.8  | 263.0   | 216.0 | 188.0 | 159.0 | 154.0 | 132.0 | 136.0 | 115.0 | 107.0 | 93.6  |
| 80                                                                                | - | 148.0   | 150.0 | 149.0 | 151.0 | 147.0 | 127.0 | 131.0 | 113.0 | 103.0 | 91.7  | 179.0   | 181.0 | 179.0 | 154.0 | 149.0 | 128.0 | 131.0 | 112.0 | 103.0 | 91.5  |
|                                                                                   | B | 252.0   | 208.0 | 180.0 | 154.0 | 148.0 | 127.0 | 131.0 | 113.0 | 103.0 | 91.7  | 255.0   | 210.0 | 182.0 | 154.0 | 149.0 | 128.0 | 131.0 | 112.0 | 103.0 | 91.5  |
| 85                                                                                | - | 138.0   | 139.0 | 138.0 | 141.0 | 138.0 | 124.0 | 126.0 | 110.0 | 99.7  | 89.5  | 167.0   | 169.0 | 167.0 | 150.0 | 144.0 | 124.0 | 127.0 | 108.0 | 99.9  | 89.5  |
|                                                                                   | B | 244.0   | 203.0 | 175.0 | 149.0 | 143.0 | 124.0 | 126.0 | 110.0 | 99.7  | 89.5  | 246.0   | 204.0 | 176.0 | 150.0 | 144.0 | 124.0 | 127.0 | 108.0 | 100.0 | 89.5  |
| 90                                                                                | - | 128.0   | 130.0 | 129.0 | 132.0 | 129.0 | 120.0 | 122.0 | 106.0 | 96.5  | 87.2  | 156.0   | 158.0 | 156.0 | 146.0 | 139.0 | 121.0 | 123.0 | 105.0 | 96.8  | 87.3  |
|                                                                                   | B | 236.0   | 197.0 | 169.0 | 145.0 | 138.0 | 120.0 | 122.0 | 106.0 | 96.5  | 87.2  | 239.0   | 199.0 | 171.0 | 146.0 | 139.0 | 121.0 | 123.0 | 105.0 | 96.8  | 87.3  |
| 95                                                                                | - | 120.0   | 121.0 | 121.0 | 123.0 | 120.0 | 117.0 | 117.0 | 103.0 | 93.5  | 84.8  | 146.0   | 148.0 | 147.0 | 142.0 | 135.0 | 117.0 | 119.0 | 102.0 | 93.9  | 85.1  |
|                                                                                   | B | 229.0   | 192.0 | 164.0 | 141.0 | 134.0 | 117.0 | 118.0 | 103.0 | 93.6  | 84.8  | 232.0   | 194.0 | 166.0 | 143.0 | 135.0 | 117.0 | 119.0 | 102.0 | 93.9  | 85.1  |
| 100                                                                               | - | 112.0   | 113.0 | 113.0 | 115.0 | 113.0 | 113.0 | 113.0 | 100.0 | 90.7  | 82.2  | 137.0   | 138.0 | 138.0 | 138.0 | 131.0 | 114.0 | 115.0 | 99.4  | 91.2  | 82.6  |
|                                                                                   | B | 222.0   | 187.0 | 159.0 | 138.0 | 130.0 | 113.0 | 114.0 | 100.0 | 90.8  | 82.2  | 225.0   | 189.0 | 161.0 | 139.0 | 131.0 | 114.0 | 115.0 | 99.6  | 91.2  | 82.6  |
| 105                                                                               | - | 105.0   | 106.0 | 106.0 | 108.0 | 106.0 | 109.0 | 106.0 | 97.4  | 87.9  | 79.6  | 129.0   | 130.0 | 130.0 | 132.0 | 127.0 | 111.0 | 112.0 | 96.6  | 88.6  | 80.1  |
|                                                                                   | B | 215.0   | 182.0 | 155.0 | 134.0 | 126.0 | 110.0 | 111.0 | 97.5  | 88.0  | 79.6  | 218.0   | 184.0 | 156.0 | 136.0 | 128.0 | 111.0 | 112.0 | 96.7  | 88.6  | 80.1  |
| 110                                                                               | - | 97.3    | 98.3  | 99.2  | 101.0 | 99.9  | 102.0 | 99.9  | 94.8  | 85.4  | 77.1  | 121.0   | 122.0 | 122.0 | 125.0 | 122.0 | 109.0 | 108.0 | 94.2  | 86.0  | 77.5  |
|                                                                                   | B | 209.0   | 177.0 | 150.0 | 131.0 | 123.0 | 108.0 | 107.0 | 94.9  | 85.5  | 77.1  | 212.0   | 180.0 | 152.0 | 132.0 | 124.0 | 109.0 | 108.0 | 94.2  | 86.0  | 77.5  |
| 115                                                                               | - | 90.8    | 91.7  | 92.6  | 94.4  | 93.7  | 96.0  | 94.3  | 92.1  | 83.0  | 75.1  | 113.0   | 114.0 | 115.0 | 117.0 | 116.0 | 106.0 | 105.0 | 91.7  | 83.6  | 75.5  |
|                                                                                   | B | 203.0   | 173.0 | 146.0 | 128.0 | 119.0 | 105.0 | 104.0 | 92.3  | 83.0  | 75.1  | 206.0   | 176.0 | 148.0 | 129.0 | 121.0 | 106.0 | 105.0 | 91.8  | 83.6  | 75.5  |
| 120                                                                               | - | 84.6    | 85.5  | 86.5  | 88.2  | 87.7  | 89.8  | 88.6  | 89.3  | 80.7  | 73.4  | 106.0   | 107.0 | 108.0 | 110.0 | 109.0 | 103.0 | 102.0 | 89.5  | 81.3  | 73.8  |
|                                                                                   | B | 197.0   | 169.0 | 142.0 | 125.0 | 116.0 | 102.0 | 101.0 | 90.0  | 80.7  | 73.4  | 201.0   | 171.0 | 144.0 | 126.0 | 117.0 | 103.0 | 102.0 | 89.5  | 81.4  | 73.8  |
| 125                                                                               | - | 79.1    | 80.0  | 81.1  | 82.6  | 82.1  | 84.2  | 83.1  | 85.5  | 78.5  | 71.6  | 99.4    | 100.0 | 101.0 | 103.0 | 103.0 | 101.0 | 99.3  | 87.3  | 79.1  | 72.1  |
|                                                                                   | B | 192.0   | 165.0 | 139.0 | 122.0 | 113.0 | 99.9  | 98.3  | 87.7  | 78.5  | 71.6  | 195.0   | 168.0 | 140.0 | 123.0 | 114.0 | 101.0 | 99.4  | 87.3  | 79.3  | 72.1  |
| 130                                                                               | - | 74.1    | 74.7  | 75.8  | 77.6  | 77.0  | 78.9  | 78.0  | 80.3  | 76.5  | 69.9  | 93.3    | 94.2  | 95.4  | 97.1  | 96.5  | 97.7  | 96.0  | 85.1  | 77.1  | 70.5  |
|                                                                                   | B | 187.0   | 161.0 | 135.0 | 119.0 | 110.0 | 97.7  | 95.5  | 85.5  | 76.5  | 69.9  | 191.0   | 164.0 | 137.0 | 121.0 | 111.0 | 98.7  | 96.7  | 85.2  | 77.2  | 70.5  |
| 135                                                                               | - | 69.3    | 70.1  | 71.2  | 72.6  | 72.4  | 74.2  | 73.3  | 75.5  | 74.5  | 68.2  | 87.9    | 88.5  | 89.7  | 91.6  | 90.9  | 93.0  | 91.8  | 83.0  | 75.2  | 68.8  |
|                                                                                   | B | 183.0   | 158.0 | 132.0 | 117.0 | 107.0 | 95.4  | 92.9  | 83.4  | 74.5  | 68.2  | 186.0   | 160.0 | 134.0 | 118.0 | 108.0 | 96.3  | 94.1  | 83.1  | 75.3  | 68.8  |
| 140                                                                               | - | 65.1    | 65.7  | 66.7  | 68.4  | 67.9  | 69.9  | 69.0  | 71.1  | 70.8  | 66.4  | 82.7    | 83.5  | 84.7  | 86.3  | 86.0  | 87.8  | 86.9  | 81.1  | 73.3  | 67.0  |
|                                                                                   | B | 178.0   | 155.0 | 129.0 | 114.0 | 104.0 | 93.3  | 90.4  | 81.4  | 72.7  | 66.4  | 182.0   | 157.0 | 131.0 | 116.0 | 106.0 | 94.2  | 91.6  | 81.2  | 73.4  | 67.0  |
| 145                                                                               | - | 61.0    | 61.7  | 62.8  | 64.2  | 64.0  | 65.7  | 65.1  | 67.0  | 66.8  | 64.7  | 78.1    | 78.7  | 79.8  | 81.5  | 81.1  | 83.2  | 82.3  | 79.1  | 71.6  | 65.3  |
|                                                                                   | B | 174.0   | 151.0 | 126.0 | 112.0 | 102.0 | 91.2  | 88.1  | 79.4  | 70.9  | 64.7  | 177.0   | 154.0 | 128.0 | 113.0 | 103.0 | 92.3  | 89.3  | 79.2  | 71.6  | 65.3  |
| 150                                                                               | - | 57.4    | 58.0  | 59.0  | 60.5  | 60.2  | 62.0  | 61.2  | 63.3  | 63.0  | 63.0  | 73.6    | 74.3  | 75.5  | 77.0  | 76.8  | 78.5  | 77.9  | 77.0  | 69.9  | 63.7  |
|                                                                                   | B | 170.0   | 148.0 | 123.0 | 110.0 | 99.3  | 89.3  | 85.9  | 77.6  | 69.1  | 63.0  | 173.0   | 151.0 | 125.0 | 111.0 | 101.0 | 90.4  | 87.1  | 77.3  | 69.9  | 63.7  |
| 155                                                                               | - | 53.9    | 54.4  | 55.6  | 56.9  | 56.8  | 58.3  | 57.9  | 59.7  | 59.6  | 60.5  | 69.6    | 70.2  | 71.4  | 72.9  | 72.5  | 74.5  | 73.8  | 74.1  | 68.1  | 62.0  |
|                                                                                   | B | 166.0   | 146.0 | 120.0 | 108.0 | 97.0  | 87.4  | 83.8  | 75.9  | 67.4  | 61.3  | 170.0   | 148.0 | 122.0 | 109.0 | 98.4  | 88.6  | 85.0  | 75.7  | 68.1  | 62.0  |
| 160                                                                               | - | 50.7    | 51.3  | 52.3  | 53.6  | 53.4  | 55.1  | 54.5  | 56.5  | 56.3  | 57.5  | 65.8    | 66.3  | 67.6  | 69.0  | 68.8  | 70.4  | 70.0  | 71.2  | 66.5  | 60.4  |
|                                                                                   | B | 163.0   | 143.0 | 118.0 | 106.0 | 94.8  | 85.7  | 81.8  | 74.3  | 65.8  | 59.8  | 166.0   | 146.0 | 120.0 | 107.0 | 96.3  | 86.8  | 83.0  | 74.0  | 66.5  | 60.5  |
| 165                                                                               | - | 47.7    | 48.2  | 49.3  | 50.6  | 50.5  | 51.9  | 51.6  | 53.3  | 53.2  | 54.5  | 62.2    | 62.8  | 64.0  | 65.4  | 65.1  | 66.9  | 66.3  | 67.7  | 65.0  | 58.9  |
|                                                                                   | B | 159.0   | 141.0 | 116.0 | 104.0 | 92.8  | 84.0  | 79.9  | 72.7  | 64.3  | 58.3  | 163.0   | 143.0 | 117.0 | 105.0 | 94.2  | 85.2  | 81.1  | 72.5  | 65.0  | 59.0  |
| 170                                                                               | - | 44.9    | 45.3  | 46.5  | 47.7  | 47.5  | 49.1  | 48.6  | 50.4  | 50.3  | 51.4  | 59.0    | 59.4  | 60.6  | 62.0  | 61.9  | 63.4  | 63.0  | 64.1  | 63.1  | 57.5  |
|                                                                                   | B | 156.0   | 138.0 | 113.0 | 102.0 | 90.9  | 82.4  | 78.0  | 71.3  | 62.8  | 56.8  | 160.0   | 141.0 | 115.0 | 104.0 | 92.3  | 83.6  | 79.3  | 71.0  | 63.5  | 57.6  |
| 175                                                                               | - | 42.2    | 42.7  | 43.8  | 45.0  | 44.9  | 46.3  | 46.0  | 47.7  | 47.5  | 48.8  | 55.8    | 56.3  | 57.5  | 58.7  | 58.6  | 60.3  | 59.8  | 61.0  | 60.9  | 56.1  |
|                                                                                   | B | 153.0   | 136.0 | 111.0 | 100.0 | 89.1  | 80.9  | 76.3  | 69.8  | 61.4  | 55.5  | 156.0   | 138.0 | 113.0 | 102.0 | 90.4  | 82.1  | 77.4  | 69.6  | 62.2  | 56.2  |
| 180                                                                               | - | 39.8</  |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |





286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb

| ft  |   | SL4 236 |       |      |      |      |      |      |      |       |       | SL4 246 |       |      |      |      |      |      |      |       |       |
|-----|---|---------|-------|------|------|------|------|------|------|-------|-------|---------|-------|------|------|------|------|------|------|-------|-------|
|     |   | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 210 | - | 27.6    | 27.9  | 28.9 | 29.8 | 29.9 | 31.0 | 31.0 | 32.4 | 32.4  | 33.5  | 38.5    | 38.8  | 39.9 | 40.9 | 41.0 | 42.3 | 42.2 | 43.0 | 43.7  | 43.6  |
|     | B | 135.0   | 123.0 | 98.0 | 90.0 | 77.9 | 71.9 | 66.2 | 61.4 | 53.3  | 47.5  | 138.0   | 125.0 | 99.9 | 91.5 | 79.3 | 73.1 | 67.3 | 61.4 | 54.1  | 48.3  |
| 215 | - | 26.0    | 26.2  | 27.2 | 28.1 | 28.2 | 29.3 | 29.3 | 30.6 | 30.6  | 31.7  | 36.6    | 36.8  | 37.9 | 38.9 | 39.0 | 40.2 | 40.1 | 41.0 | 41.6  | 41.6  |
|     | B | 133.0   | 121.0 | 96.4 | 88.8 | 76.6 | 70.9 | 64.9 | 60.3 | 52.3  | 46.5  | 136.0   | 123.0 | 98.4 | 90.3 | 78.0 | 72.0 | 66.1 | 60.4 | 53.1  | 47.3  |
| 220 | - | 24.4    | 24.6  | 25.6 | 26.5 | 26.6 | 27.6 | 27.7 | 29.0 | 29.0  | 30.1  | 34.7    | 34.9  | 36.0 | 37.0 | 37.0 | 38.3 | 38.2 | 39.0 | 39.7  | 39.6  |
|     | B | 131.0   | 120.0 | 95.0 | 87.7 | 75.3 | 69.9 | 63.7 | 59.3 | 51.4  | 45.6  | 134.0   | 121.0 | 96.8 | 89.1 | 76.8 | 70.9 | 64.9 | 59.4 | 52.1  | 46.4  |
| 225 | - | 22.9    | 23.1  | 24.1 | 24.9 | 25.0 | 26.0 | 26.1 | 27.3 | 27.4  | 28.4  | 32.9    | 33.1  | 34.2 | 35.1 | 35.2 | 36.3 | 36.4 | 37.1 | 37.8  | 37.8  |
|     | B | 130.0   | 119.0 | 93.6 | 86.6 | 74.1 | 68.8 | 62.6 | 58.3 | 50.5  | 44.7  | 132.0   | 120.0 | 95.4 | 88.0 | 75.5 | 70.0 | 63.7 | 58.4 | 51.3  | 45.5  |
| 230 | - |         | 21.8  | 22.6 | 23.4 | 23.5 | 24.5 | 24.6 | 25.8 | 25.9  | 26.9  | 31.2    | 31.4  | 32.5 | 33.3 | 33.5 | 34.6 | 34.6 | 35.3 | 36.0  | 36.0  |
|     | B |         | 117.0 | 92.2 | 85.5 | 73.0 | 67.9 | 61.5 | 57.4 | 49.5  | 43.9  | 130.0   | 119.0 | 94.0 | 86.9 | 74.3 | 69.0 | 62.6 | 57.5 | 50.4  | 44.6  |
| 235 | - |         |       | 21.4 | 22.0 | 22.2 | 23.1 | 23.2 | 24.4 | 24.4  | 25.4  | 29.6    | 29.8  | 30.8 | 31.6 | 31.8 | 32.9 | 32.9 | 33.6 | 34.3  | 34.3  |
|     | B |         |       | 91.0 | 84.6 | 71.8 | 67.0 | 60.5 | 56.5 | 48.6  | 43.1  | 128.0   | 118.0 | 92.6 | 85.9 | 73.2 | 68.0 | 61.6 | 56.6 | 49.5  | 43.8  |
| 240 | - |         |       | 20.3 | 20.8 | 21.0 | 21.8 | 22.0 | 23.0 | 23.1  | 24.1  |         |       | 29.2 | 30.0 | 30.2 | 31.2 | 31.3 | 32.0 | 32.7  | 32.7  |
|     | B |         |       | 89.8 | 83.7 | 70.8 | 66.1 | 59.4 | 55.7 | 47.8  | 42.3  |         |       | 91.5 | 85.0 | 72.1 | 67.1 | 60.5 | 55.8 | 48.7  | 43.0  |
| 245 | - |         |       | 19.2 | 19.7 | 19.9 | 20.7 | 20.8 | 21.8 | 21.8  | 22.7  |         |       | 27.7 | 28.5 | 28.7 | 29.7 | 29.8 | 30.4 | 31.1  | 31.1  |
|     | B |         |       | 88.7 | 82.9 | 69.7 | 65.3 | 58.5 | 54.8 | 47.1  | 41.5  |         |       | 90.3 | 84.1 | 71.0 | 66.3 | 59.5 | 55.0 | 47.9  | 42.2  |
| 250 | - |         |       |      |      | 18.9 | 19.6 | 19.8 | 20.6 | 20.7  | 21.6  |         |       | 26.3 | 27.0 | 27.2 | 28.2 | 28.3 | 28.9 | 29.6  | 29.7  |
|     | B |         |       |      |      | 68.7 | 64.5 | 57.5 | 54.1 | 46.3  | 40.8  |         |       | 89.2 | 83.2 | 70.0 | 65.5 | 58.6 | 54.2 | 47.2  | 41.4  |
| 255 | - |         |       |      |      | 17.9 | 18.5 | 18.8 | 19.6 | 19.7  | 20.5  |         |       | 24.9 | 25.6 | 25.8 | 26.7 | 27.0 | 27.5 | 28.2  | 28.2  |
|     | B |         |       |      |      | 67.8 | 63.8 | 56.6 | 53.3 | 45.6  | 40.1  |         |       | 88.2 | 82.5 | 69.0 | 64.7 | 57.7 | 53.4 | 46.4  | 40.7  |
| 260 | - |         |       |      |      | 16.9 | 17.6 | 17.8 | 18.6 | 18.7  | 19.5  |         |       |      |      | 24.5 | 25.4 | 25.6 | 26.1 | 26.8  | 26.9  |
|     | B |         |       |      |      | 66.9 | 63.2 | 55.7 | 52.6 | 44.9  | 39.4  |         |       |      |      | 68.1 | 64.0 | 56.9 | 52.7 | 45.7  | 40.0  |
| 265 | - |         |       |      |      | 16.0 | 16.6 | 16.9 | 17.6 | 17.7  | 18.6  |         |       |      |      | 23.2 | 24.0 | 24.3 | 24.8 | 25.5  | 25.6  |
|     | B |         |       |      |      | 66.1 | 62.5 | 54.9 | 51.9 | 44.2  | 38.7  |         |       |      |      | 67.3 | 63.3 | 56.0 | 52.1 | 45.0  | 39.3  |
| 270 | - |         |       |      |      | 16.0 | 16.7 | 16.8 | 17.7 | 17.7  | 18.6  |         |       |      |      | 22.1 | 22.8 | 23.1 | 23.5 | 24.2  | 24.3  |
|     | B |         |       |      |      | 54.1 | 51.3 | 43.6 | 38.0 |       |       |         |       |      |      | 66.5 | 62.6 | 55.2 | 51.4 | 44.3  | 38.7  |
| 275 | - |         |       |      |      | 15.1 | 15.8 | 16.0 | 16.8 | 16.8  | 17.7  |         |       |      |      |      | 21.7 | 21.9 | 22.4 | 23.0  | 23.1  |
|     | B |         |       |      |      | 53.4 | 50.7 | 43.0 | 37.4 |       |       |         |       |      |      | 62.0 | 54.4 | 50.8 | 43.7 | 38.1  |       |
| 280 | - |         |       |      |      | 14.3 | 15.0 | 15.1 | 15.9 | 15.9  | 16.8  |         |       |      |      |      |      | 21.0 | 21.3 | 21.9  | 22.0  |
|     | B |         |       |      |      | 52.7 | 50.1 | 42.3 | 36.8 |       |       |         |       |      |      |      |      | 53.7 | 50.2 | 43.1  | 37.5  |
| 285 | - |         |       |      |      |      |      | 14.3 | 15.1 | 15.1  | 16.0  |         |       |      |      |      |      | 20.0 | 20.4 | 20.9  | 21.0  |
|     | B |         |       |      |      |      |      | 41.8 | 36.2 |       |       |         |       |      |      |      |      | 53.0 | 49.7 | 42.5  | 36.9  |
| 290 | - |         |       |      |      |      |      |      |      | 13.5  | 14.3  |         |       |      |      |      |      |      | 19.4 | 20.0  | 20.1  |
|     | B |         |       |      |      |      |      |      |      | 41.3  | 35.7  |         |       |      |      |      |      |      | 49.2 | 41.9  | 36.4  |
| 295 | - |         |       |      |      |      |      |      |      | 12.7  | 13.6  |         |       |      |      |      |      |      |      | 19.1  | 19.2  |
|     | B |         |       |      |      |      |      |      |      | 40.8  | 35.1  |         |       |      |      |      |      |      |      | 41.4  | 35.8  |
| 300 | - |         |       |      |      |      |      |      |      | 12.0  | 12.8  |         |       |      |      |      |      |      |      | 18.2  | 18.4  |
|     | B |         |       |      |      |      |      |      |      | 40.3  | 34.6  |         |       |      |      |      |      |      |      | 40.9  | 35.3  |
| 305 | - |         |       |      |      |      |      |      |      |       | 12.1  |         |       |      |      |      |      |      |      | 17.4  | 17.5  |
|     | B |         |       |      |      |      |      |      |      |       | 34.1  |         |       |      |      |      |      |      |      | 40.4  | 34.8  |
| 310 | - |         |       |      |      |      |      |      |      |       | 11.4  |         |       |      |      |      |      |      |      |       | 16.7  |
|     | B |         |       |      |      |      |      |      |      |       | 33.7  |         |       |      |      |      |      |      |      |       | 34.3  |
| 315 | - |         |       |      |      |      |      |      |      |       | 10.8  |         |       |      |      |      |      |      |      |       | 16.0  |
|     | B |         |       |      |      |      |      |      |      |       | 33.2  |         |       |      |      |      |      |      |      |       | 33.8  |
| 320 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 15.2  |
|     | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 33.4  |



286,600 lb -  
374,800 lb



529,100 lb - 617,300 lb

330,700 lb - 463,000 lb

66,100 lb - 264,600 lb

|  |   | SL4 256 |       |       |       |       |       |       |       |       |       | SL4 266 |       |       |       |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------|---|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                   |   | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 |
|                                                                                   |   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   |
| 45                                                                                | - | 258.0   |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
|                                                                                   | B | 258.0   |       |       |       |       |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |
| 50                                                                                | - | 259.0   | 252.0 |       |       |       |       |       |       |       |       | 256.0   | 252.0 |       |       |       |       |       |       |       |       |
|                                                                                   | B | 259.0   | 253.0 |       |       |       |       |       |       |       |       | 256.0   | 252.0 |       |       |       |       |       |       |       |       |
| 55                                                                                | - | 256.0   | 245.0 | 213.0 |       |       |       |       |       |       |       | 250.0   | 245.0 | 211.0 |       |       |       |       |       |       |       |
|                                                                                   | B | 261.0   | 245.0 | 213.0 |       |       |       |       |       |       |       | 256.0   | 245.0 | 211.0 |       |       |       |       |       |       |       |
| 60                                                                                | - | 234.0   | 235.0 | 207.0 | 174.0 | 158.0 |       |       |       |       |       | 233.0   | 235.0 | 206.0 | 174.0 | 170.0 |       |       |       |       |       |
|                                                                                   | B | 262.0   | 237.0 | 207.0 | 174.0 | 158.0 |       |       |       |       |       | 257.0   | 238.0 | 206.0 | 174.0 | 170.0 |       |       |       |       |       |
| 65                                                                                | - | 220.0   | 221.0 | 201.0 | 169.0 | 158.0 | 139.0 | 144.0 |       |       |       | 219.0   | 216.0 | 201.0 | 169.0 | 165.0 |       | 143.0 |       |       |       |
|                                                                                   | B | 262.0   | 230.0 | 201.0 | 169.0 | 158.0 | 140.0 | 144.0 |       |       |       | 258.0   | 231.0 | 201.0 | 169.0 | 165.0 |       | 143.0 |       |       |       |
| 70                                                                                | - | 202.0   | 204.0 | 194.0 | 164.0 | 157.0 | 135.0 | 140.0 | 119.0 |       |       | 202.0   | 204.0 | 195.0 | 164.0 | 159.0 | 135.0 | 140.0 |       |       |       |
|                                                                                   | B | 263.0   | 224.0 | 194.0 | 164.0 | 157.0 | 135.0 | 140.0 | 119.0 |       |       | 259.0   | 225.0 | 195.0 | 164.0 | 159.0 | 136.0 | 140.0 |       |       |       |
| 75                                                                                | - | 187.0   | 189.0 | 186.0 | 159.0 | 154.0 | 131.0 | 136.0 | 116.0 | 106.0 | 92.3  | 187.0   | 188.0 | 187.0 | 160.0 | 154.0 | 131.0 | 136.0 | 116.0 | 106.0 | 91.9  |
|                                                                                   | B | 262.0   | 217.0 | 188.0 | 159.0 | 154.0 | 131.0 | 136.0 | 116.0 | 106.0 | 92.4  | 259.0   | 219.0 | 189.0 | 160.0 | 154.0 | 132.0 | 136.0 | 116.0 | 106.0 | 91.9  |
| 80                                                                                | - | 174.0   | 176.0 | 174.0 | 155.0 | 150.0 | 128.0 | 131.0 | 113.0 | 103.0 | 90.6  | 173.0   | 175.0 | 174.0 | 155.0 | 149.0 | 128.0 | 132.0 | 113.0 | 103.0 | 90.2  |
|                                                                                   | B | 256.0   | 211.0 | 182.0 | 155.0 | 151.0 | 128.0 | 131.0 | 113.0 | 103.0 | 90.6  | 256.0   | 213.0 | 183.0 | 156.0 | 150.0 | 128.0 | 132.0 | 113.0 | 103.0 | 90.2  |
| 85                                                                                | - | 162.0   | 164.0 | 162.0 | 151.0 | 146.0 | 124.0 | 127.0 | 110.0 | 99.7  | 88.9  | 161.0   | 163.0 | 162.0 | 151.0 | 145.0 | 125.0 | 127.0 | 110.0 | 99.9  | 88.5  |
|                                                                                   | B | 248.0   | 206.0 | 177.0 | 151.0 | 146.0 | 124.0 | 127.0 | 110.0 | 99.8  | 88.9  | 250.0   | 207.0 | 178.0 | 152.0 | 145.0 | 125.0 | 127.0 | 110.0 | 99.9  | 88.6  |
| 90                                                                                | - | 151.0   | 153.0 | 152.0 | 147.0 | 141.0 | 121.0 | 123.0 | 107.0 | 96.8  | 86.8  | 151.0   | 152.0 | 151.0 | 147.0 | 141.0 | 122.0 | 124.0 | 107.0 | 97.0  | 86.7  |
|                                                                                   | B | 241.0   | 200.0 | 172.0 | 147.0 | 141.0 | 121.0 | 123.0 | 107.0 | 96.8  | 86.8  | 243.0   | 202.0 | 173.0 | 148.0 | 141.0 | 122.0 | 124.0 | 107.0 | 97.0  | 86.7  |
| 95                                                                                | - | 142.0   | 143.0 | 142.0 | 143.0 | 137.0 | 118.0 | 119.0 | 104.0 | 93.9  | 84.7  | 141.0   | 142.0 | 142.0 | 143.0 | 136.0 | 118.0 | 120.0 | 104.0 | 94.1  | 84.7  |
|                                                                                   | B | 234.0   | 195.0 | 167.0 | 143.0 | 137.0 | 118.0 | 119.0 | 104.0 | 93.9  | 84.7  | 236.0   | 197.0 | 168.0 | 144.0 | 137.0 | 118.0 | 120.0 | 104.0 | 94.1  | 84.7  |
| 100                                                                               | - | 133.0   | 134.0 | 134.0 | 136.0 | 133.0 | 115.0 | 116.0 | 101.0 | 91.3  | 82.5  | 132.0   | 134.0 | 133.0 | 136.0 | 132.0 | 115.0 | 116.0 | 102.0 | 91.6  | 82.7  |
|                                                                                   | B | 227.0   | 191.0 | 162.0 | 140.0 | 133.0 | 115.0 | 116.0 | 101.0 | 91.3  | 82.5  | 230.0   | 192.0 | 163.0 | 141.0 | 133.0 | 115.0 | 116.0 | 102.0 | 91.6  | 82.7  |
| 105                                                                               | - | 125.0   | 126.0 | 126.0 | 128.0 | 127.0 | 112.0 | 112.0 | 98.2  | 88.8  | 80.1  | 124.0   | 125.0 | 125.0 | 128.0 | 125.0 | 113.0 | 113.0 | 98.9  | 89.1  | 80.4  |
|                                                                                   | B | 220.0   | 186.0 | 158.0 | 136.0 | 130.0 | 112.0 | 112.0 | 98.5  | 88.8  | 80.1  | 223.0   | 188.0 | 159.0 | 137.0 | 129.0 | 113.0 | 113.0 | 99.0  | 89.1  | 80.4  |
| 110                                                                               | - | 117.0   | 119.0 | 119.0 | 121.0 | 120.0 | 109.0 | 109.0 | 95.8  | 86.3  | 77.7  | 117.0   | 118.0 | 118.0 | 120.0 | 118.0 | 110.0 | 110.0 | 96.4  | 86.7  | 78.1  |
|                                                                                   | B | 214.0   | 182.0 | 154.0 | 133.0 | 126.0 | 109.0 | 109.0 | 96.0  | 86.3  | 77.7  | 217.0   | 183.0 | 155.0 | 134.0 | 126.0 | 110.0 | 110.0 | 96.5  | 86.7  | 78.1  |
| 115                                                                               | - | 110.0   | 111.0 | 112.0 | 114.0 | 113.0 | 107.0 | 106.0 | 93.6  | 84.0  | 75.6  | 110.0   | 111.0 | 111.0 | 114.0 | 112.0 | 107.0 | 107.0 | 94.1  | 84.4  | 75.9  |
|                                                                                   | B | 208.0   | 177.0 | 150.0 | 130.0 | 123.0 | 107.0 | 106.0 | 93.6  | 84.0  | 75.6  | 211.0   | 179.0 | 151.0 | 132.0 | 122.0 | 107.0 | 107.0 | 94.2  | 84.4  | 75.9  |
| 120                                                                               | - | 103.0   | 104.0 | 105.0 | 107.0 | 107.0 | 104.0 | 103.0 | 91.3  | 81.8  | 73.9  | 103.0   | 104.0 | 105.0 | 107.0 | 106.0 | 105.0 | 104.0 | 91.8  | 82.3  | 74.2  |
|                                                                                   | B | 203.0   | 173.0 | 146.0 | 127.0 | 120.0 | 104.0 | 103.0 | 91.3  | 81.8  | 73.9  | 206.0   | 175.0 | 147.0 | 129.0 | 119.0 | 105.0 | 104.0 | 91.9  | 82.3  | 74.2  |
| 125                                                                               | - | 96.5    | 97.5  | 98.4  | 100.0 | 100.0 | 101.0 | 99.3  | 89.1  | 79.7  | 72.3  | 96.6    | 97.4  | 98.5  | 100.0 | 99.8  | 102.0 | 100.0 | 89.6  | 80.2  | 72.6  |
|                                                                                   | B | 198.0   | 169.0 | 142.0 | 125.0 | 116.0 | 102.0 | 100.0 | 89.1  | 79.7  | 72.3  | 201.0   | 172.0 | 144.0 | 126.0 | 116.0 | 103.0 | 101.0 | 89.7  | 80.2  | 72.6  |
| 130                                                                               | - | 90.7    | 91.4  | 92.6  | 94.3  | 94.4  | 95.9  | 94.8  | 87.1  | 77.6  | 70.7  | 90.4    | 91.5  | 92.5  | 94.4  | 93.9  | 96.2  | 94.9  | 87.6  | 78.2  | 71.1  |
|                                                                                   | B | 193.0   | 166.0 | 139.0 | 122.0 | 114.0 | 99.5  | 97.6  | 87.1  | 77.6  | 70.7  | 196.0   | 168.0 | 140.0 | 123.0 | 114.0 | 100.0 | 98.6  | 87.7  | 78.2  | 71.1  |
| 135                                                                               | - | 85.1    | 86.0  | 87.2  | 88.8  | 89.0  | 90.3  | 89.3  | 85.0  | 75.7  | 69.1  | 85.1    | 85.9  | 87.2  | 88.8  | 88.3  | 90.6  | 89.6  | 85.6  | 76.4  | 69.6  |
|                                                                                   | B | 188.0   | 162.0 | 135.0 | 119.0 | 111.0 | 97.3  | 95.0  | 85.0  | 75.7  | 69.1  | 191.0   | 165.0 | 137.0 | 120.0 | 111.0 | 98.3  | 96.1  | 85.7  | 76.4  | 69.6  |
| 140                                                                               | - | 80.2    | 80.9  | 82.0  | 83.7  | 84.0  | 85.2  | 84.2  | 83.0  | 73.9  | 67.4  | 79.9    | 80.8  | 82.0  | 83.8  | 83.2  | 85.4  | 84.5  | 83.5  | 74.5  | 67.9  |
|                                                                                   | B | 184.0   | 159.0 | 132.0 | 117.0 | 108.0 | 95.2  | 92.5  | 83.1  | 73.9  | 67.4  | 187.0   | 161.0 | 134.0 | 118.0 | 108.0 | 96.2  | 93.6  | 83.8  | 74.5  | 67.9  |
| 145                                                                               | - | 75.5    | 76.3  | 77.4  | 79.0  | 79.3  | 80.5  | 79.6  | 81.0  | 72.1  | 65.8  | 75.3    | 76.0  | 77.3  | 78.9  | 78.7  | 80.6  | 79.7  | 81.2  | 72.8  | 66.3  |
|                                                                                   | B | 180.0   | 156.0 | 129.0 | 115.0 | 105.0 | 93.2  | 90.0  | 81.2  | 72.1  | 65.8  | 183.0   | 158.0 | 131.0 | 116.0 | 105.0 | 94.1  | 91.3  | 81.9  | 72.8  | 66.3  |
| 150                                                                               | - | 71.3    | 71.9  | 73.0  | 74.6  | 74.9  | 76.2  | 75.5  | 77.4  | 70.4  | 64.1  | 70.9    | 71.6  | 72.8  | 74.6  | 74.2  | 76.3  | 75.4  | 77.6  | 71.1  | 64.7  |
|                                                                                   | B | 176.0   | 153.0 | 126.0 | 112.0 | 103.0 | 91.3  | 87.9  | 79.3  | 70.4  | 64.1  | 179.0   | 155.0 | 128.0 | 114.0 | 103.0 | 92.2  | 89.0  | 80.1  | 71.1  | 64.7  |
| 155                                                                               | - | 67.2    | 67.8  | 69.0  | 70.5  | 70.9  | 72.0  | 71.3  | 73.4  | 68.8  | 62.5  | 66.9    | 67.5  | 68.8  | 70.3  | 70.1  | 72.1  | 71.4  | 73.5  | 69.4  | 63.1  |
|                                                                                   | B | 173.0   | 150.0 | 124.0 | 110.0 | 101.0 | 89.5  | 85.8  | 77.6  | 68.8  | 62.5  | 175.0   | 152.0 | 125.0 | 112.0 | 101.0 | 90.4  | 86.9  | 78.4  | 69.4  | 63.1  |
| 160                                                                               | - | 63.5    | 64.1  | 65.2  | 66.7  | 67.1  | 68.2  | 67.6  | 69.6  | 67.1  | 61.0  | 63.1    | 63.7  | 64.9  | 66.6  | 66.3  | 68.2  | 67.4  | 69.7  | 67.8  | 61.7  |
|                                                                                   | B | 169.0   | 148.0 | 121.0 | 108.0 | 98.5  | 87.7  | 83.9  | 75.9  | 67.2  | 61.0  | 172.0   | 150.0 | 123.0 | 110.0 | 98.7  | 88.6  | 84.9  | 76.8  | 67.8  | 61.7  |
| 165                                                                               | - | 60.0    | 60.5  | 61.7  | 63.1  | 63.6  | 64.5  | 64.1  | 66.0  | 64.6  | 59.4  | 59.5    | 60.2  | 61.4  | 62.9  | 62.7  | 64.5  | 64.0  | 66.0  | 65.5  | 60.2  |
|                                                                                   | B | 166.0   | 145.0 | 119.0 | 106.0 | 96.4  | 86.0  | 82.0  | 74.4  | 65.7  | 59.5  | 168.0   | 147.0 | 120.0 | 108.0 | 96.7  | 87.0  | 83.1  | 75.2  | 66.3  | 60.2  |
| 170                                                                               | - | 56.7    | 57.3  | 58.4  | 59.7  | 60.2  | 61.3  | 60.7  | 62.7  | 62.2  | 58.1  | 56.2    | 56.7  | 58.0  | 59.5  | 59.3  | 61.1  | 60.5  | 62.6  | 62.4  | 58.6  |
|                                                                                   | B | 162.0   | 143.0 | 117.0 | 105.0 | 94.4  | 84.5  | 80.2  | 72.9  | 64.2  | 58.1  | 165.0   | 145.0 | 118.0 | 106.0 | 94.7  | 85.3  | 81.3  | 73.7  | 64.9  | 58.8  |
| 175                                                                               | - | 53.7    | 54.1  | 55.3  | 56.6  | 57.1  | 58.0  | 57.6  | 59.4  | 59.4  | 56.7  | 53.1    | 53.7  | 54.9  | 56.3  | 56.1  | 57.9  | 57.4  | 59.4  | 59.2  | 57.1  |
|                                                                                   | B | 159.0   | 140.0 | 114.0 | 103.0 | 92.6  | 82.9  | 78.5  | 71.4  | 62.9  | 56.8  | 162.0   | 143.0 | 116.0 | 104.0 | 92.9  | 83.8  | 79.6  | 72.3  | 63.5  | 57.5  |
| 180                                                                               | - | 50.7    | 51.2  | 52.4  | 53.6  | 54.1  | 55.1  | 54.6  | 56.5  | 56.4  | 55.2  | 50.2    | 50.7  | 51.9  | 53.3  | 53.2  | 54.8  | 54.5  | 56.4  | 56.4  | 55.7  |



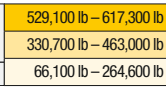
286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb

66,100 lb – 264,600 lb

| ft  |   | SL4 256 |       |       |      |      |      |      |      |       |       | SL4 266 |       |       |      |      |      |      |      |       |       |
|-----|---|---------|-------|-------|------|------|------|------|------|-------|-------|---------|-------|-------|------|------|------|------|------|-------|-------|
|     |   | F 39    |       | F 59  |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |       | F 59  |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15°   | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15°   | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 210 | - | 36.5    | 36.9  | 38.0  | 39.0 | 39.6 | 40.3 | 40.2 | 41.7 | 41.7  | 42.8  | 35.7    | 36.2  | 37.3  | 38.5 | 38.5 | 39.9 | 39.8 | 41.4 | 41.4  | 41.3  |
|     | B | 141.0   | 126.0 | 101.0 | 92.8 | 81.5 | 74.0 | 68.3 | 63.1 | 54.7  | 48.9  | 143.0   | 129.0 | 103.0 | 94.0 | 81.8 | 75.0 | 69.3 | 63.8 | 55.4  | 49.5  |
| 215 | - | 34.6    | 34.9  | 36.0  | 37.0 | 37.6 | 38.3 | 38.2 | 39.7 | 39.7  | 40.7  | 33.8    | 34.2  | 35.3  | 36.4 | 36.5 | 37.8 | 37.7 | 39.3 | 39.4  | 39.3  |
|     | B | 139.0   | 125.0 | 99.9  | 91.6 | 80.1 | 72.9 | 67.1 | 62.1 | 53.8  | 47.9  | 141.0   | 127.0 | 101.0 | 92.8 | 80.5 | 73.9 | 68.0 | 62.9 | 54.4  | 48.5  |
| 220 | - | 32.7    | 33.0  | 34.1  | 35.1 | 35.7 | 36.3 | 36.2 | 37.7 | 37.8  | 38.8  | 31.9    | 32.2  | 33.4  | 34.5 | 34.6 | 35.9 | 35.8 | 37.3 | 37.4  | 37.3  |
|     | B | 137.0   | 123.0 | 98.4  | 90.4 | 78.8 | 71.8 | 65.9 | 61.1 | 52.8  | 47.0  | 139.0   | 125.0 | 100.0 | 91.6 | 79.1 | 72.9 | 66.9 | 61.9 | 53.4  | 47.6  |
| 225 | - | 31.0    | 31.3  | 32.3  | 33.2 | 33.9 | 34.5 | 34.5 | 35.8 | 35.9  | 36.9  | 30.1    | 30.5  | 31.6  | 32.6 | 32.7 | 34.0 | 33.9 | 35.5 | 35.5  | 35.5  |
|     | B | 135.0   | 122.0 | 96.9  | 89.3 | 77.6 | 70.8 | 64.8 | 60.1 | 51.9  | 46.1  | 137.0   | 124.0 | 98.5  | 90.5 | 77.9 | 71.9 | 65.7 | 61.0 | 52.6  | 46.7  |
| 230 | - | 29.3    | 29.6  | 30.6  | 31.5 | 32.2 | 32.7 | 32.7 | 34.1 | 34.2  | 35.2  | 28.5    | 28.7  | 29.8  | 30.8 | 31.0 | 32.2 | 32.2 | 33.7 | 33.7  | 33.7  |
|     | B | 133.0   | 121.0 | 95.6  | 88.2 | 76.3 | 69.9 | 63.6 | 59.1 | 51.0  | 45.2  | 135.0   | 122.0 | 97.1  | 89.4 | 76.7 | 70.9 | 64.6 | 60.0 | 51.8  | 45.8  |
| 235 | - | 27.7    | 27.9  | 28.9  | 29.8 | 30.5 | 31.1 | 31.1 | 32.4 | 32.5  | 33.5  | 26.8    | 27.1  | 28.2  | 29.2 | 29.3 | 30.5 | 30.5 | 32.0 | 32.0  | 32.0  |
|     | B | 131.0   | 119.0 | 94.2  | 87.2 | 75.2 | 69.0 | 62.6 | 58.2 | 50.2  | 44.4  | 133.0   | 121.0 | 95.8  | 88.4 | 75.6 | 70.0 | 63.5 | 59.1 | 51.0  | 45.0  |
| 240 | - | 26.2    | 26.4  | 27.4  | 28.2 | 28.9 | 29.4 | 29.5 | 30.8 | 30.9  | 31.9  | 25.3    | 25.5  | 26.6  | 27.5 | 27.7 | 28.9 | 28.9 | 30.3 | 30.4  | 30.4  |
|     | B | 129.0   | 118.0 | 92.9  | 86.2 | 74.1 | 68.1 | 61.6 | 57.4 | 49.4  | 43.6  | 132.0   | 120.0 | 94.6  | 87.3 | 74.4 | 69.1 | 62.5 | 58.2 | 50.2  | 44.2  |
| 245 | - | 24.7    | 24.9  | 25.9  | 26.7 | 27.4 | 27.9 | 28.0 | 29.2 | 29.3  | 30.3  | 23.8    | 24.1  | 25.1  | 26.0 | 26.2 | 27.3 | 27.3 | 28.7 | 28.8  | 28.9  |
|     | B | 127.0   | 117.0 | 91.7  | 85.2 | 73.0 | 67.3 | 60.6 | 56.6 | 48.6  | 42.8  | 130.0   | 119.0 | 93.3  | 86.4 | 73.4 | 68.2 | 61.6 | 57.4 | 49.3  | 43.5  |
| 250 | - |         |       | 24.5  | 25.3 | 26.0 | 26.4 | 26.6 | 27.8 | 27.8  | 28.8  | 22.5    | 22.7  | 23.6  | 24.5 | 24.7 | 25.8 | 25.9 | 27.2 | 27.3  | 27.4  |
|     | B |         |       | 90.5  | 84.3 | 71.9 | 66.4 | 59.6 | 55.8 | 47.8  | 42.1  | 128.0   | 118.0 | 92.0  | 85.4 | 72.4 | 67.4 | 60.6 | 56.6 | 48.5  | 42.7  |
| 255 | - |         |       | 23.1  | 23.9 | 24.6 | 25.0 | 25.2 | 26.3 | 26.4  | 27.4  |         |       | 22.4  | 23.1 | 23.3 | 24.4 | 24.5 | 25.8 | 25.9  | 25.9  |
|     | B |         |       | 89.4  | 83.5 | 70.9 | 65.6 | 58.7 | 55.0 | 47.0  | 41.3  |         |       | 90.9  | 84.4 | 71.4 | 66.6 | 59.7 | 55.9 | 47.8  | 42.0  |
| 260 | - |         |       | 21.9  | 22.5 | 23.2 | 23.6 | 23.8 | 24.9 | 25.1  | 26.0  |         |       | 21.2  | 21.8 | 22.0 | 23.0 | 23.2 | 24.4 | 24.5  | 24.6  |
|     | B |         |       | 88.4  | 82.7 | 69.9 | 64.9 | 57.8 | 54.3 | 46.3  | 40.6  |         |       | 89.8  | 83.7 | 70.4 | 65.8 | 58.8 | 55.1 | 47.1  | 41.3  |
| 265 | - |         |       |       | 21.4 | 22.0 | 22.4 | 22.6 | 23.6 | 23.7  | 24.7  |         |       | 20.1  | 20.7 | 20.9 | 21.8 | 21.9 | 23.1 | 23.2  | 23.3  |
|     | B |         |       |       | 82.0 | 69.1 | 64.2 | 56.9 | 53.6 | 45.7  | 39.9  |         |       | 88.7  | 82.9 | 69.5 | 65.1 | 57.9 | 54.4 | 46.4  | 40.6  |
| 270 | - |         |       |       |      | 21.0 | 21.3 | 21.5 | 22.4 | 22.6  | 23.5  |         |       | 19.1  | 19.7 | 19.9 | 20.7 | 20.9 | 21.8 | 22.0  | 22.1  |
|     | B |         |       |       |      | 68.2 | 63.5 | 56.1 | 52.9 | 45.0  | 39.3  |         |       | 87.7  | 82.2 | 68.6 | 64.4 | 57.1 | 53.7 | 45.7  | 40.0  |
| 275 | - |         |       |       |      | 20.0 | 20.2 | 20.5 | 21.3 | 21.4  | 22.3  |         |       |       |      | 18.9 | 19.6 | 19.9 | 20.8 | 20.9  | 21.0  |
|     | B |         |       |       |      | 67.4 | 62.9 | 55.3 | 52.3 | 44.4  | 38.6  |         |       |       |      | 67.8 | 63.7 | 56.3 | 53.0 | 45.0  | 39.3  |
| 280 | - |         |       |       |      | 19.0 | 19.3 | 19.5 | 20.3 | 20.5  | 21.3  |         |       |       |      | 17.9 | 18.6 | 18.9 | 19.8 | 19.9  | 20.0  |
|     | B |         |       |       |      | 66.6 | 62.3 | 54.6 | 51.7 | 43.8  | 38.0  |         |       |       |      | 66.9 | 63.1 | 55.5 | 52.4 | 44.4  | 38.7  |
| 285 | - |         |       |       |      |      |      | 18.6 | 19.4 | 19.5  | 20.3  |         |       |       |      | 17.0 | 17.7 | 17.9 | 18.8 | 18.9  | 19.1  |
|     | B |         |       |       |      |      |      | 53.9 | 51.1 | 43.2  | 37.4  |         |       |       |      | 66.2 | 62.5 | 54.7 | 51.7 | 43.8  | 38.1  |
| 290 | - |         |       |       |      |      |      | 17.7 | 18.5 | 18.6  | 19.4  |         |       |       |      |      | 16.7 | 17.0 | 17.9 | 18.0  | 18.2  |
|     | B |         |       |       |      |      |      | 53.2 | 50.5 | 42.6  | 36.8  |         |       |       |      |      | 61.9 | 54.0 | 51.2 | 43.3  | 37.5  |
| 295 | - |         |       |       |      |      |      | 16.9 | 17.6 | 17.7  | 18.5  |         |       |       |      |      |      | 16.2 | 17.0 | 17.1  | 17.3  |
|     | B |         |       |       |      |      |      | 52.5 | 50.0 | 42.0  | 36.3  |         |       |       |      |      |      | 53.3 | 50.7 | 42.7  | 37.0  |
| 300 | - |         |       |       |      |      |      |      | 16.7 | 16.9  | 17.7  |         |       |       |      |      |      | 15.3 | 16.1 | 16.2  | 16.4  |
|     | B |         |       |       |      |      |      |      | 49.5 | 41.5  | 35.8  |         |       |       |      |      |      | 52.7 | 50.2 | 42.1  | 36.4  |
| 305 | - |         |       |       |      |      |      |      |      | 16.0  | 16.8  |         |       |       |      |      |      |      | 15.3 | 15.4  | 15.6  |
|     | B |         |       |       |      |      |      |      |      | 41.0  | 35.2  |         |       |       |      |      |      |      | 49.7 | 41.6  | 35.9  |
| 310 | - |         |       |       |      |      |      |      |      | 15.2  | 16.0  |         |       |       |      |      |      |      |      | 14.6  | 14.8  |
|     | B |         |       |       |      |      |      |      |      | 40.5  | 34.8  |         |       |       |      |      |      |      |      | 41.1  | 35.4  |
| 315 | - |         |       |       |      |      |      |      |      | 14.5  | 15.3  |         |       |       |      |      |      |      |      | 13.8  | 14.0  |
|     | B |         |       |       |      |      |      |      |      | 40.1  | 34.3  |         |       |       |      |      |      |      |      | 40.7  | 34.9  |
| 320 | - |         |       |       |      |      |      |      |      |       | 14.5  |         |       |       |      |      |      |      |      | 13.1  | 13.3  |
|     | B |         |       |       |      |      |      |      |      |       | 33.9  |         |       |       |      |      |      |      |      | 40.2  | 34.4  |
| 325 | - |         |       |       |      |      |      |      |      |       | 13.8  |         |       |       |      |      |      |      |      |       | 12.6  |
|     | B |         |       |       |      |      |      |      |      |       | 33.4  |         |       |       |      |      |      |      |      |       | 34.0  |
| 330 | - |         |       |       |      |      |      |      |      |       | 13.1  |         |       |       |      |      |      |      |      |       | 11.9  |
|     | B |         |       |       |      |      |      |      |      |       | 33.0  |         |       |       |      |      |      |      |      |       | 33.6  |
| 335 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       | 11.1  |
|     | B |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       | 33.1  |



|  |   | SL4 276 |       |       |       |       |       |       |       |       |       | SL4 285 |       |       |       |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------|---|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                   |   | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 |
|                                                                                   |   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   |
| 50                                                                                | - | 246.0   |       |       |       |       |       |       |       |       |       | 242.0   |       |       |       |       |       |       |       |       |       |
|                                                                                   | B | 246.0   |       |       |       |       |       |       |       |       |       | 242.0   |       |       |       |       |       |       |       |       |       |
| 55                                                                                | - | 244.0   | 241.0 | 204.0 |       |       |       |       |       |       |       | 242.0   | 238.0 |       |       |       |       |       |       |       |       |
|                                                                                   | B | 247.0   | 241.0 | 204.0 |       |       |       |       |       |       |       | 243.0   | 238.0 |       |       |       |       |       |       |       |       |
| 60                                                                                | - | 227.0   | 226.0 | 202.0 | 173.0 |       |       |       |       |       |       | 231.0   | 228.0 | 200.0 |       |       |       |       |       |       |       |
|                                                                                   | B | 248.0   | 237.0 | 202.0 | 173.0 |       |       |       |       |       |       | 243.0   | 236.0 | 200.0 |       |       |       |       |       |       |       |
| 65                                                                                | - | 213.0   | 210.0 | 200.0 | 168.0 | 158.0 |       | 140.0 |       |       |       | 212.0   | 214.0 | 199.0 | 168.0 | 164.0 |       | 138.0 |       |       |       |
|                                                                                   | B | 248.0   | 231.0 | 201.0 | 169.0 | 158.0 |       | 140.0 |       |       |       | 244.0   | 231.0 | 200.0 | 168.0 | 164.0 |       | 138.0 |       |       |       |
| 70                                                                                | - | 196.0   | 198.0 | 192.0 | 164.0 | 158.0 | 135.0 | 137.0 |       |       |       | 196.0   | 197.0 | 194.0 | 164.0 | 159.0 | 135.0 | 136.0 |       |       |       |
|                                                                                   | B | 249.0   | 225.0 | 195.0 | 164.0 | 158.0 | 135.0 | 137.0 |       |       |       | 244.0   | 225.0 | 195.0 | 164.0 | 159.0 | 135.0 | 136.0 |       |       |       |
| 75                                                                                | - | 182.0   | 184.0 | 182.0 | 159.0 | 155.0 | 131.0 | 135.0 | 117.0 | 106.0 |       | 181.0   | 183.0 | 181.0 | 160.0 | 154.0 | 131.0 | 135.0 | 116.0 |       |       |
|                                                                                   | B | 250.0   | 219.0 | 189.0 | 160.0 | 155.0 | 132.0 | 135.0 | 117.0 | 106.0 |       | 245.0   | 220.0 | 189.0 | 160.0 | 154.0 | 131.0 | 135.0 | 116.0 |       |       |
| 80                                                                                | - | 169.0   | 171.0 | 169.0 | 156.0 | 151.0 | 128.0 | 131.0 | 113.0 | 103.0 | 89.1  | 168.0   | 170.0 | 169.0 | 156.0 | 150.0 | 128.0 | 131.0 | 113.0 | 102.0 | 88.6  |
|                                                                                   | B | 249.0   | 213.0 | 184.0 | 156.0 | 151.0 | 128.0 | 131.0 | 113.0 | 103.0 | 89.1  | 245.0   | 214.0 | 184.0 | 156.0 | 150.0 | 128.0 | 132.0 | 113.0 | 102.0 | 88.6  |
| 85                                                                                | - | 157.0   | 159.0 | 158.0 | 152.0 | 147.0 | 125.0 | 127.0 | 110.0 | 99.6  | 87.7  | 157.0   | 158.0 | 157.0 | 152.0 | 145.0 | 125.0 | 127.0 | 110.0 | 99.7  | 87.2  |
|                                                                                   | B | 246.0   | 208.0 | 178.0 | 152.0 | 147.0 | 125.0 | 127.0 | 110.0 | 99.7  | 87.7  | 243.0   | 209.0 | 179.0 | 152.0 | 145.0 | 125.0 | 128.0 | 110.0 | 99.7  | 87.2  |
| 90                                                                                | - | 147.0   | 148.0 | 147.0 | 148.0 | 143.0 | 122.0 | 124.0 | 107.0 | 96.8  | 86.1  | 146.0   | 148.0 | 147.0 | 148.0 | 141.0 | 122.0 | 124.0 | 107.0 | 96.9  | 85.8  |
|                                                                                   | B | 242.0   | 203.0 | 173.0 | 148.0 | 143.0 | 122.0 | 124.0 | 107.0 | 96.8  | 86.1  | 241.0   | 204.0 | 174.0 | 149.0 | 141.0 | 122.0 | 124.0 | 107.0 | 96.9  | 85.8  |
| 95                                                                                | - | 138.0   | 139.0 | 138.0 | 141.0 | 137.0 | 119.0 | 120.0 | 104.0 | 94.1  | 84.3  | 137.0   | 138.0 | 138.0 | 141.0 | 136.0 | 119.0 | 120.0 | 104.0 | 94.3  | 84.1  |
|                                                                                   | B | 237.0   | 198.0 | 169.0 | 145.0 | 139.0 | 119.0 | 120.0 | 104.0 | 94.1  | 84.3  | 239.0   | 199.0 | 170.0 | 145.0 | 138.0 | 119.0 | 120.0 | 105.0 | 94.3  | 84.1  |
| 100                                                                               | - | 129.0   | 130.0 | 130.0 | 132.0 | 131.0 | 116.0 | 116.0 | 102.0 | 91.6  | 82.4  | 128.0   | 130.0 | 129.0 | 132.0 | 129.0 | 116.0 | 117.0 | 102.0 | 91.7  | 82.4  |
|                                                                                   | B | 231.0   | 193.0 | 164.0 | 141.0 | 135.0 | 116.0 | 117.0 | 102.0 | 91.6  | 82.4  | 233.0   | 195.0 | 165.0 | 142.0 | 134.0 | 116.0 | 117.0 | 102.0 | 91.8  | 82.4  |
| 105                                                                               | - | 121.0   | 122.0 | 122.0 | 125.0 | 123.0 | 113.0 | 113.0 | 99.3  | 89.2  | 80.3  | 120.0   | 122.0 | 121.0 | 124.0 | 122.0 | 113.0 | 114.0 | 99.5  | 89.4  | 80.5  |
|                                                                                   | B | 225.0   | 189.0 | 160.0 | 138.0 | 131.0 | 113.0 | 113.0 | 99.3  | 89.2  | 80.3  | 227.0   | 191.0 | 161.0 | 139.0 | 130.0 | 113.0 | 114.0 | 99.6  | 89.5  | 80.5  |
| 110                                                                               | - | 114.0   | 115.0 | 115.0 | 117.0 | 116.0 | 110.0 | 110.0 | 96.8  | 86.9  | 78.2  | 113.0   | 114.0 | 114.0 | 117.0 | 115.0 | 111.0 | 111.0 | 97.1  | 87.2  | 78.4  |
|                                                                                   | B | 219.0   | 185.0 | 156.0 | 135.0 | 128.0 | 110.0 | 110.0 | 96.8  | 86.9  | 78.2  | 221.0   | 187.0 | 157.0 | 136.0 | 127.0 | 111.0 | 111.0 | 97.1  | 87.2  | 78.4  |
| 115                                                                               | - | 107.0   | 108.0 | 108.0 | 111.0 | 110.0 | 108.0 | 107.0 | 94.5  | 84.6  | 76.0  | 106.0   | 108.0 | 108.0 | 110.0 | 108.0 | 108.0 | 107.0 | 94.9  | 85.0  | 76.3  |
|                                                                                   | B | 213.0   | 181.0 | 152.0 | 132.0 | 125.0 | 108.0 | 107.0 | 94.5  | 84.6  | 76.0  | 216.0   | 183.0 | 153.0 | 133.0 | 124.0 | 108.0 | 108.0 | 94.9  | 85.0  | 76.3  |
| 120                                                                               | - | 101.0   | 102.0 | 102.0 | 105.0 | 104.0 | 105.0 | 103.0 | 92.3  | 82.5  | 74.2  | 100.0   | 101.0 | 102.0 | 104.0 | 102.0 | 105.0 | 103.0 | 92.8  | 82.9  | 74.3  |
|                                                                                   | B | 208.0   | 177.0 | 148.0 | 130.0 | 121.0 | 106.0 | 105.0 | 92.3  | 82.6  | 74.2  | 210.0   | 179.0 | 150.0 | 130.0 | 121.0 | 106.0 | 105.0 | 92.8  | 82.9  | 74.3  |
| 125                                                                               | - | 94.4    | 95.3  | 96.4  | 98.3  | 98.1  | 99.7  | 97.6  | 90.2  | 80.5  | 72.6  | 94.2    | 95.2  | 96.1  | 98.5  | 96.7  | 99.6  | 97.1  | 90.7  | 80.9  | 72.8  |
|                                                                                   | B | 203.0   | 173.0 | 145.0 | 127.0 | 118.0 | 103.0 | 102.0 | 90.2  | 80.6  | 72.6  | 205.0   | 175.0 | 146.0 | 128.0 | 118.0 | 104.0 | 103.0 | 90.7  | 81.0  | 72.8  |
| 130                                                                               | - | 88.6    | 89.5  | 90.4  | 92.3  | 92.5  | 94.0  | 92.4  | 88.1  | 78.6  | 71.1  | 88.5    | 89.2  | 90.5  | 92.5  | 91.6  | 94.2  | 92.1  | 88.6  | 79.0  | 71.4  |
|                                                                                   | B | 198.0   | 170.0 | 141.0 | 124.0 | 116.0 | 101.0 | 99.3  | 88.2  | 78.7  | 71.1  | 200.0   | 171.0 | 143.0 | 125.0 | 115.0 | 102.0 | 100.0 | 88.7  | 79.0  | 71.4  |
| 135                                                                               | - | 83.1    | 84.0  | 85.0  | 86.8  | 87.0  | 88.5  | 87.4  | 86.2  | 76.7  | 69.7  | 83.0    | 83.9  | 85.0  | 87.0  | 86.3  | 88.7  | 87.3  | 86.7  | 77.2  | 70.0  |
|                                                                                   | B | 193.0   | 166.0 | 138.0 | 122.0 | 113.0 | 99.0  | 96.8  | 86.3  | 76.8  | 69.7  | 196.0   | 168.0 | 140.0 | 123.0 | 113.0 | 99.7  | 97.6  | 86.8  | 77.2  | 70.0  |
| 140                                                                               | - | 78.2    | 79.0  | 80.2  | 81.8  | 82.0  | 83.4  | 82.3  | 84.2  | 74.9  | 68.1  | 77.9    | 78.6  | 79.9  | 81.8  | 81.3  | 83.6  | 82.5  | 84.0  | 75.5  | 68.5  |
|                                                                                   | B | 189.0   | 163.0 | 135.0 | 119.0 | 110.0 | 97.0  | 94.4  | 84.4  | 75.0  | 68.1  | 191.0   | 165.0 | 137.0 | 120.0 | 110.0 | 97.7  | 95.2  | 85.0  | 75.5  | 68.5  |
| 145                                                                               | - | 73.5    | 74.2  | 75.3  | 77.2  | 77.3  | 78.6  | 77.7  | 80.1  | 73.2  | 66.5  | 73.2    | 74.1  | 75.3  | 77.1  | 76.6  | 78.8  | 77.8  | 80.3  | 73.8  | 67.0  |
|                                                                                   | B | 185.0   | 160.0 | 132.0 | 117.0 | 108.0 | 95.0  | 92.1  | 82.6  | 73.3  | 66.5  | 187.0   | 162.0 | 134.0 | 118.0 | 108.0 | 95.8  | 93.0  | 83.1  | 73.9  | 67.0  |
| 150                                                                               | - | 69.3    | 70.0  | 71.1  | 72.6  | 73.1  | 74.2  | 73.4  | 75.7  | 71.4  | 65.0  | 68.9    | 69.5  | 70.8  | 72.7  | 72.3  | 74.3  | 73.4  | 75.8  | 72.1  | 65.5  |
|                                                                                   | B | 181.0   | 157.0 | 129.0 | 115.0 | 105.0 | 93.0  | 89.9  | 80.8  | 71.6  | 65.0  | 184.0   | 159.0 | 131.0 | 116.0 | 105.0 | 93.9  | 90.8  | 81.4  | 72.2  | 65.5  |
| 155                                                                               | - | 65.2    | 65.9  | 67.0  | 68.7  | 68.9  | 70.3  | 69.5  | 71.6  | 69.6  | 63.4  | 64.9    | 65.6  | 66.9  | 68.5  | 68.2  | 70.2  | 69.3  | 71.7  | 70.3  | 64.0  |
|                                                                                   | B | 177.0   | 154.0 | 127.0 | 113.0 | 103.0 | 91.2  | 87.8  | 79.1  | 69.9  | 63.5  | 180.0   | 156.0 | 128.0 | 114.0 | 103.0 | 92.0  | 88.6  | 79.7  | 70.6  | 64.1  |
| 160                                                                               | - | 61.5    | 62.2  | 63.3  | 64.7  | 65.3  | 66.3  | 65.7  | 67.8  | 67.5  | 62.0  | 61.1    | 61.7  | 62.9  | 64.7  | 64.3  | 66.4  | 65.7  | 67.9  | 67.5  | 62.5  |
|                                                                                   | B | 174.0   | 152.0 | 124.0 | 111.0 | 101.0 | 89.4  | 85.8  | 77.5  | 68.4  | 62.1  | 176.0   | 153.0 | 126.0 | 112.0 | 101.0 | 90.3  | 86.6  | 78.1  | 69.1  | 62.7  |
| 165                                                                               | - | 58.0    | 58.6  | 59.7  | 61.3  | 61.7  | 62.8  | 62.1  | 64.3  | 64.0  | 60.6  | 57.6    | 58.2  | 59.5  | 61.0  | 60.8  | 62.7  | 62.1  | 64.3  | 64.1  | 61.1  |
|                                                                                   | B | 171.0   | 149.0 | 122.0 | 109.0 | 98.8  | 87.8  | 83.8  | 75.9  | 66.8  | 60.7  | 173.0   | 151.0 | 123.0 | 110.0 | 98.7  | 88.7  | 84.8  | 76.6  | 67.5  | 61.2  |
| 170                                                                               | - | 54.8    | 55.4  | 56.5  | 57.9  | 58.4  | 59.4  | 58.9  | 60.8  | 60.8  | 59.2  | 54.3    | 54.8  | 56.0  | 57.7  | 57.4  | 59.4  | 58.7  | 61.0  | 60.7  | 59.4  |
|                                                                                   | B | 167.0   | 147.0 | 120.0 | 107.0 | 96.9  | 86.1  | 82.1  | 74.4  | 65.4  | 59.3  | 170.0   | 149.0 | 121.0 | 108.0 | 96.8  | 87.1  | 83.0  | 75.1  | 66.0  | 59.8  |
| 175                                                                               | - | 51.7    | 52.2  | 53.4  | 54.8  | 55.3  | 56.3  | 55.7  | 57.8  | 57.7  | 57.3  | 51.2    | 51.8  | 53.0  | 54.4  | 54.3  | 56.1  | 55.6  | 57.6  | 57.6  | 57.2  |
|                                                                                   | B | 164.0   | 144.0 | 117.0 | 105.0 | 95.0  | 84.7  | 80.3  | 73.0  | 64.1  | 57.9  | 167.0   | 146.0 | 119.0 | 106.0 | 95.0  | 85.6  | 81.3  | 73.7  | 64.7  | 58.5  |
| 180                                                                               | - | 48.8    | 49.4  | 50.5  | 51.8  | 52.4  | 53.3  | 52.9  | 54.8  | 54.6  | 55.1  | 48.2    | 48.7  | 50.0  | 51.6  | 51.3  | 53.1  | 52.5  | 54.7  | 54.6  | 54.4  |
|                                                                                   | B | 162.0   | 142.0 | 115.0 | 104.0 | 93.2  | 83.3  | 78.7  | 71.6  | 62.8  | 56.7  | 164.0   | 144.0 | 117.0 | 105.0 | 93.2  | 84.2  | 79.6  | 72.4  | 63.4  | 57.2  |
| 185                                                                               | - | 46.1    | 46.6  | 47.7  | 49.1  | 49.6  |       |       |       |       |       |         |       |       |       |       |       |       |       |       |       |



286,600 lb -  
374,800 lb



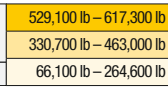
529,100 lb - 617,300 lb  
330,700 lb - 463,000 lb

B

66,100 lb - 264,600 lb

| ft  |   | SL4 276 |       |       |      |      |      |      |      |       |       | SL4 285 |       |       |      |      |      |      |      |       |       |
|-----|---|---------|-------|-------|------|------|------|------|------|-------|-------|---------|-------|-------|------|------|------|------|------|-------|-------|
|     |   | F 39    |       | F 59  |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |       | F 59  |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15°   | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15°   | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 215 | - | 32.7    | 33.0  | 34.1  | 35.2 | 35.9 | 36.5 | 36.4 | 38.0 | 37.9  | 39.0  | 31.9    | 32.3  | 33.5  | 34.6 | 34.6 | 36.1 | 35.9 | 37.7 | 37.7  | 37.5  |
|     | B | 144.0   | 129.0 | 103.0 | 93.9 | 82.5 | 74.8 | 69.0 | 63.5 | 55.1  | 49.0  | 146.0   | 130.0 | 104.0 | 95.0 | 82.6 | 75.6 | 69.9 | 64.3 | 55.8  | 49.6  |
| 220 | - | 30.8    | 31.1  | 32.2  | 33.3 | 33.9 | 34.6 | 34.5 | 36.1 | 36.1  | 37.1  | 30.0    | 30.4  | 31.5  | 32.7 | 32.7 | 34.1 | 34.0 | 35.6 | 35.6  | 35.6  |
|     | B | 142.0   | 127.0 | 101.0 | 92.7 | 81.2 | 73.7 | 67.8 | 62.5 | 54.1  | 48.1  | 144.0   | 129.0 | 103.0 | 93.7 | 81.3 | 74.6 | 68.8 | 63.3 | 54.8  | 48.7  |
| 225 | - | 29.0    | 29.4  | 30.4  | 31.5 | 32.1 | 32.8 | 32.7 | 34.2 | 34.2  | 35.2  | 28.2    | 28.5  | 29.7  | 30.9 | 30.9 | 32.3 | 32.1 | 33.8 | 33.8  | 33.7  |
|     | B | 140.0   | 126.0 | 99.9  | 91.5 | 79.9 | 72.7 | 66.6 | 61.6 | 53.2  | 47.3  | 142.0   | 127.0 | 101.0 | 92.5 | 80.0 | 73.6 | 67.6 | 62.3 | 53.9  | 47.8  |
| 230 | - | 27.4    | 27.7  | 28.7  | 29.7 | 30.4 | 31.0 | 30.9 | 32.4 | 32.5  | 33.5  | 26.5    | 26.9  | 28.0  | 29.1 | 29.2 | 30.5 | 30.4 | 32.0 | 32.0  | 32.0  |
|     | B | 138.0   | 124.0 | 98.5  | 90.4 | 78.6 | 71.7 | 65.5 | 60.7 | 52.3  | 46.4  | 140.0   | 126.0 | 99.9  | 91.5 | 78.8 | 72.6 | 66.5 | 61.4 | 53.0  | 46.9  |
| 235 | - | 25.8    | 26.0  | 27.1  | 28.1 | 28.8 | 29.3 | 29.3 | 30.7 | 30.8  | 31.7  | 24.9    | 25.2  | 26.4  | 27.4 | 27.5 | 28.8 | 28.7 | 30.3 | 30.3  | 30.3  |
|     | B | 136.0   | 123.0 | 97.2  | 89.3 | 77.5 | 70.7 | 64.4 | 59.8 | 51.5  | 45.6  | 138.0   | 124.0 | 98.5  | 90.5 | 77.5 | 71.7 | 65.5 | 60.6 | 52.2  | 46.2  |
| 240 | - | 24.2    | 24.5  | 25.5  | 26.5 | 27.2 | 27.7 | 27.7 | 29.1 | 29.2  | 30.1  | 23.4    | 23.7  | 24.8  | 25.8 | 25.9 | 27.2 | 27.1 | 28.6 | 28.7  | 28.6  |
|     | B | 134.0   | 121.0 | 95.9  | 88.3 | 76.3 | 69.8 | 63.3 | 58.9 | 50.7  | 44.8  | 136.0   | 123.0 | 97.1  | 89.4 | 76.5 | 70.7 | 64.4 | 59.7 | 51.3  | 45.4  |
| 245 | - | 22.8    | 23.1  | 24.1  | 25.0 | 25.6 | 26.2 | 26.2 | 27.6 | 27.6  | 28.6  | 22.0    | 22.3  | 23.3  | 24.3 | 24.3 | 25.6 | 25.6 | 27.1 | 27.1  | 27.1  |
|     | B | 132.0   | 120.0 | 94.7  | 87.3 | 75.3 | 69.0 | 62.4 | 58.1 | 49.9  | 44.0  | 134.0   | 122.0 | 95.9  | 88.4 | 75.4 | 69.9 | 63.3 | 58.9 | 50.6  | 44.7  |
| 250 | - | 21.6    | 21.7  | 22.6  | 23.5 | 24.2 | 24.7 | 24.8 | 26.1 | 26.1  | 27.1  | 20.8    | 21.0  | 21.9  | 22.8 | 22.9 | 24.1 | 24.1 | 25.6 | 25.6  | 25.6  |
|     | B | 130.0   | 119.0 | 93.4  | 86.4 | 74.2 | 68.1 | 61.4 | 57.3 | 49.1  | 43.3  | 131.0   | 121.0 | 94.7  | 87.5 | 74.4 | 69.0 | 62.3 | 58.1 | 49.8  | 43.9  |
| 255 | - | 20.4    | 20.6  | 21.4  | 22.2 | 22.8 | 23.3 | 23.4 | 24.7 | 24.7  | 25.7  | 19.6    | 19.8  | 20.7  | 21.5 | 21.6 | 22.7 | 22.7 | 24.1 | 24.2  | 24.2  |
|     | B | 128.0   | 118.0 | 92.2  | 85.6 | 73.2 | 67.3 | 60.5 | 56.5 | 48.4  | 42.6  | 128.0   | 119.0 | 93.5  | 86.6 | 73.3 | 68.2 | 61.4 | 57.3 | 49.1  | 43.2  |
| 260 | - | 19.3    | 19.5  | 20.3  | 21.0 | 21.6 | 22.0 | 22.1 | 23.3 | 23.4  | 24.3  | 18.5    | 18.7  | 19.6  | 20.4 | 20.5 | 21.4 | 21.5 | 22.8 | 22.9  | 22.9  |
|     | B | 124.0   | 116.0 | 91.1  | 84.7 | 72.2 | 66.6 | 59.6 | 55.8 | 47.7  | 41.9  | 124.0   | 118.0 | 92.4  | 85.7 | 72.4 | 67.4 | 60.5 | 56.6 | 48.3  | 42.5  |
| 265 | - |         |       | 19.2  | 19.9 | 20.5 | 20.9 | 21.0 | 22.0 | 22.2  | 23.1  | 17.5    | 17.7  | 18.5  | 19.3 | 19.4 | 20.3 | 20.4 | 21.5 | 21.6  | 21.6  |
|     | B |         |       | 90.1  | 84.0 | 71.3 | 65.8 | 58.8 | 55.1 | 47.0  | 41.2  | 120.0   | 117.0 | 91.3  | 84.9 | 71.4 | 66.6 | 59.6 | 55.9 | 47.6  | 41.8  |
| 270 | - |         |       | 18.2  | 18.9 | 19.5 | 19.8 | 20.0 | 21.0 | 21.0  | 21.8  |         |       | 17.5  | 18.2 | 18.3 | 19.2 | 19.4 | 20.4 | 20.5  | 20.6  |
|     | B |         |       | 89.1  | 83.2 | 70.4 | 65.1 | 57.9 | 54.4 | 46.3  | 40.5  |         |       | 90.4  | 84.2 | 70.6 | 65.9 | 58.8 | 55.2 | 46.9  | 41.1  |
| 275 | - |         |       | 17.3  | 17.9 | 18.5 | 18.8 | 19.0 | 19.9 | 20.0  | 20.8  |         |       | 16.5  | 17.2 | 17.3 | 18.2 | 18.4 | 19.4 | 19.5  | 19.5  |
|     | B |         |       | 88.1  | 82.5 | 69.5 | 64.4 | 57.1 | 53.8 | 45.6  | 39.9  |         |       | 89.5  | 83.5 | 69.7 | 65.2 | 58.0 | 54.5 | 46.3  | 40.4  |
| 280 | - |         |       |       | 16.9 | 17.5 | 17.8 | 18.0 | 18.9 | 19.0  | 19.8  |         |       | 15.6  | 16.2 | 16.4 | 17.2 | 17.4 | 18.4 | 18.5  | 18.6  |
|     | B |         |       |       | 81.8 | 68.7 | 63.8 | 56.3 | 53.1 | 45.0  | 39.3  |         |       | 88.5  | 82.7 | 68.8 | 64.6 | 57.2 | 53.8 | 45.7  | 39.8  |
| 285 | - |         |       |       |      | 16.6 | 16.9 | 17.1 | 18.0 | 18.1  | 18.9  |         |       | 14.6  | 15.3 | 15.5 | 16.2 | 16.4 | 17.4 | 17.5  | 17.6  |
|     | B |         |       |       |      | 67.8 | 63.2 | 55.6 | 52.5 | 44.4  | 38.7  |         |       | 87.7  | 82.1 | 68.0 | 63.9 | 56.4 | 53.2 | 45.0  | 39.2  |
| 290 | - |         |       |       |      | 15.7 | 16.0 | 16.2 | 17.1 | 17.1  | 17.9  |         |       |       |      | 14.5 | 15.3 | 15.5 | 16.5 | 16.6  | 16.7  |
|     | B |         |       |       |      | 67.1 | 62.6 | 54.9 | 51.9 | 43.8  | 38.1  |         |       |       |      | 67.3 | 63.3 | 55.7 | 52.6 | 44.4  | 38.6  |
| 295 | - |         |       |       |      | 14.8 | 15.1 | 15.3 | 16.2 | 16.3  | 17.0  |         |       |       |      | 13.7 | 14.5 | 14.7 | 15.6 | 15.7  | 15.8  |
|     | B |         |       |       |      | 66.4 | 62.0 | 54.2 | 51.3 | 43.3  | 37.5  |         |       |       |      | 66.6 | 62.8 | 54.9 | 52.0 | 43.9  | 38.1  |
| 300 | - |         |       |       |      |      |      | 14.5 | 15.3 | 15.4  | 16.2  |         |       |       |      | 12.7 | 13.6 | 13.8 | 14.7 | 14.8  | 15.0  |
|     | B |         |       |       |      |      |      | 53.5 | 50.8 | 42.7  | 37.0  |         |       |       |      | 65.9 | 62.2 | 54.3 | 51.4 | 43.3  | 37.5  |
| 305 | - |         |       |       |      |      |      | 13.7 | 14.5 | 14.6  | 15.4  |         |       |       |      |      | 12.6 | 13.0 | 13.9 | 14.0  | 14.1  |
|     | B |         |       |       |      |      |      | 52.9 | 50.2 | 42.2  | 36.4  |         |       |       |      |      | 61.7 | 53.7 | 50.9 | 42.7  | 37.0  |
| 310 | - |         |       |       |      |      |      | 13.0 | 13.7 | 13.8  | 14.6  |         |       |       |      |      |      | 12.1 | 13.0 | 13.2  | 13.3  |
|     | B |         |       |       |      |      |      | 52.3 | 49.7 | 41.7  | 35.9  |         |       |       |      |      |      | 53.1 | 50.4 | 42.2  | 36.5  |
| 315 | - |         |       |       |      |      |      |      | 12.9 | 13.0  | 13.8  |         |       |       |      |      |      | 11.2 | 12.2 | 12.4  | 12.6  |
|     | B |         |       |       |      |      |      |      | 49.2 | 41.2  | 35.4  |         |       |       |      |      |      | 52.5 | 49.9 | 41.7  | 36.0  |
| 320 | - |         |       |       |      |      |      |      |      | 12.3  | 13.1  |         |       |       |      |      |      | 10.3 | 11.2 | 11.6  | 11.8  |
|     | B |         |       |       |      |      |      |      |      | 40.8  | 34.9  |         |       |       |      |      |      | 51.9 | 49.4 | 41.2  | 35.5  |
| 325 | - |         |       |       |      |      |      |      |      | 11.6  | 12.4  |         |       |       |      |      |      |      |      | 10.8  | 11.1  |
|     | B |         |       |       |      |      |      |      |      | 40.3  | 34.5  |         |       |       |      |      |      |      |      | 40.8  | 35.1  |
| 330 | - |         |       |       |      |      |      |      |      | 10.9  | 11.6  |         |       |       |      |      |      |      |      | 9.9   | 10.3  |
|     | B |         |       |       |      |      |      |      |      | 39.9  | 34.1  |         |       |       |      |      |      |      |      | 40.4  | 34.6  |
| 335 | - |         |       |       |      |      |      |      |      |       | 10.9  |         |       |       |      |      |      |      |      | 9.0   | 9.5   |
|     | B |         |       |       |      |      |      |      |      |       | 33.7  |         |       |       |      |      |      |      |      | 39.9  | 34.2  |
| 340 | - |         |       |       |      |      |      |      |      |       | 10.1  |         |       |       |      |      |      |      |      |       | 8.7   |
|     | B |         |       |       |      |      |      |      |      |       | 33.3  |         |       |       |      |      |      |      |      |       | 33.8  |
| 345 | - |         |       |       |      |      |      |      |      |       | 9.3   |         |       |       |      |      |      |      |      |       | 7.9   |
|     | B |         |       |       |      |      |      |      |      |       | 32.9  |         |       |       |      |      |      |      |      |       | 33.4  |
| 350 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       | 7.1   |
|     | B |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       | 33.0  |





|  |   | SL4 295 |       |       |       |       |       |       |       |       |       | SL4 305 |       |       |       |       |       |       |       |       |       |
|-----------------------------------------------------------------------------------|---|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                   |   | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 |
|                                                                                   |   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   |
| 50                                                                                | - | 231.0   |       |       |       |       |       |       |       |       |       | 226.0   |       |       |       |       |       |       |       |       |       |
|                                                                                   | B | 231.0   |       |       |       |       |       |       |       |       |       | 226.0   |       |       |       |       |       |       |       |       |       |
| 55                                                                                | - | 231.0   | 230.0 |       |       |       |       |       |       |       |       | 227.0   | 224.0 |       |       |       |       |       |       |       |       |
|                                                                                   | B | 232.0   | 230.0 |       |       |       |       |       |       |       |       | 227.0   | 224.0 |       |       |       |       |       |       |       |       |
| 60                                                                                | - | 225.0   | 222.0 | 192.0 |       |       |       |       |       |       |       | 219.0   | 220.0 | 188.0 |       |       |       |       |       |       |       |
|                                                                                   | B | 233.0   | 231.0 | 192.0 |       |       |       |       |       |       |       | 227.0   | 225.0 | 188.0 |       |       |       |       |       |       |       |
| 65                                                                                | - | 207.0   | 209.0 | 193.0 | 168.0 | 157.0 |       |       |       |       |       | 206.0   | 204.0 | 189.0 | 167.0 | 157.0 |       |       |       |       |       |
|                                                                                   | B | 233.0   | 229.0 | 193.0 | 168.0 | 157.0 |       |       |       |       |       | 228.0   | 225.0 | 189.0 | 167.0 | 157.0 |       |       |       |       |       |
| 70                                                                                | - | 191.0   | 193.0 | 190.0 | 164.0 | 157.0 | 135.0 | 133.0 |       |       |       | 190.0   | 192.0 | 187.0 | 163.0 | 156.0 | 134.0 | 131.0 |       |       |       |
|                                                                                   | B | 233.0   | 225.0 | 191.0 | 164.0 | 157.0 | 135.0 | 133.0 |       |       |       | 228.0   | 223.0 | 188.0 | 163.0 | 156.0 | 134.0 | 131.0 |       |       |       |
| 75                                                                                | - | 177.0   | 179.0 | 177.0 | 160.0 | 155.0 | 131.0 | 132.0 | 116.0 |       |       | 176.0   | 178.0 | 177.0 | 160.0 | 155.0 | 131.0 | 130.0 | 115.0 |       |       |
|                                                                                   | B | 233.0   | 221.0 | 189.0 | 160.0 | 155.0 | 131.0 | 132.0 | 116.0 |       |       | 229.0   | 221.0 | 187.0 | 160.0 | 155.0 | 131.0 | 130.0 | 116.0 |       |       |
| 80                                                                                | - | 164.0   | 166.0 | 165.0 | 156.0 | 151.0 | 128.0 | 131.0 | 113.0 | 102.0 | 87.0  | 163.0   | 165.0 | 164.0 | 156.0 | 151.0 | 128.0 | 129.0 | 112.0 | 101.0 | 86.2  |
|                                                                                   | B | 234.0   | 216.0 | 185.0 | 156.0 | 151.0 | 128.0 | 131.0 | 113.0 | 102.0 | 87.0  | 229.0   | 216.0 | 185.0 | 156.0 | 151.0 | 128.0 | 129.0 | 113.0 | 101.0 | 86.2  |
| 85                                                                                | - | 153.0   | 154.0 | 153.0 | 152.0 | 147.0 | 125.0 | 127.0 | 110.0 | 99.2  | 85.8  | 152.0   | 154.0 | 153.0 | 152.0 | 147.0 | 125.0 | 126.0 | 110.0 | 98.8  | 85.1  |
|                                                                                   | B | 234.0   | 211.0 | 181.0 | 152.0 | 147.0 | 125.0 | 127.0 | 110.0 | 99.2  | 85.8  | 229.0   | 211.0 | 181.0 | 152.0 | 147.0 | 125.0 | 126.0 | 110.0 | 98.8  | 85.1  |
| 90                                                                                | - | 142.0   | 144.0 | 143.0 | 145.0 | 142.0 | 122.0 | 124.0 | 107.0 | 96.6  | 84.7  | 142.0   | 143.0 | 143.0 | 145.0 | 142.0 | 122.0 | 123.0 | 107.0 | 96.5  | 84.0  |
|                                                                                   | B | 234.0   | 206.0 | 176.0 | 149.0 | 143.0 | 122.0 | 124.0 | 107.0 | 96.6  | 84.7  | 228.0   | 207.0 | 176.0 | 149.0 | 143.0 | 122.0 | 124.0 | 107.0 | 96.5  | 84.0  |
| 95                                                                                | - | 133.0   | 135.0 | 134.0 | 136.0 | 134.0 | 119.0 | 120.0 | 104.0 | 94.0  | 83.2  | 133.0   | 134.0 | 134.0 | 136.0 | 134.0 | 119.0 | 120.0 | 105.0 | 94.1  | 82.4  |
|                                                                                   | B | 233.0   | 202.0 | 171.0 | 146.0 | 139.0 | 119.0 | 120.0 | 105.0 | 94.1  | 83.2  | 228.0   | 203.0 | 172.0 | 146.0 | 140.0 | 119.0 | 121.0 | 105.0 | 94.1  | 82.6  |
| 100                                                                               | - | 125.0   | 126.0 | 126.0 | 128.0 | 126.0 | 116.0 | 117.0 | 102.0 | 91.5  | 81.6  | 124.0   | 126.0 | 126.0 | 127.0 | 126.0 | 117.0 | 117.0 | 102.0 | 91.8  | 80.4  |
|                                                                                   | B | 231.0   | 197.0 | 167.0 | 142.0 | 136.0 | 116.0 | 117.0 | 102.0 | 91.6  | 81.6  | 226.0   | 198.0 | 168.0 | 143.0 | 136.0 | 117.0 | 117.0 | 102.0 | 91.8  | 81.2  |
| 105                                                                               | - | 117.0   | 119.0 | 118.0 | 120.0 | 119.0 | 114.0 | 114.0 | 99.6  | 89.3  | 79.9  | 116.0   | 118.0 | 118.0 | 120.0 | 118.0 | 114.0 | 114.0 | 99.9  | 89.5  | 78.5  |
|                                                                                   | B | 227.0   | 193.0 | 163.0 | 139.0 | 132.0 | 114.0 | 114.0 | 99.7  | 89.4  | 79.9  | 224.0   | 194.0 | 164.0 | 140.0 | 133.0 | 114.0 | 114.0 | 99.9  | 89.5  | 79.8  |
| 110                                                                               | - | 110.0   | 111.0 | 112.0 | 113.0 | 112.0 | 111.0 | 110.0 | 97.3  | 87.1  | 78.1  | 109.0   | 111.0 | 111.0 | 113.0 | 111.0 | 111.0 | 111.0 | 97.6  | 87.4  | 76.9  |
|                                                                                   | B | 223.0   | 189.0 | 159.0 | 137.0 | 129.0 | 111.0 | 111.0 | 97.4  | 87.3  | 78.1  | 221.0   | 190.0 | 160.0 | 137.0 | 130.0 | 112.0 | 111.0 | 97.6  | 87.4  | 78.0  |
| 115                                                                               | - | 104.0   | 105.0 | 105.0 | 107.0 | 106.0 | 108.0 | 105.0 | 95.1  | 85.1  | 76.2  | 103.0   | 104.0 | 104.0 | 106.0 | 105.0 | 107.0 | 104.0 | 95.4  | 85.3  | 75.5  |
|                                                                                   | B | 219.0   | 185.0 | 156.0 | 134.0 | 126.0 | 109.0 | 108.0 | 95.1  | 85.2  | 76.2  | 218.0   | 187.0 | 157.0 | 134.0 | 127.0 | 109.0 | 109.0 | 95.4  | 85.3  | 76.1  |
| 120                                                                               | - | 97.7    | 98.9  | 99.1  | 101.0 | 99.7  | 102.0 | 99.0  | 93.0  | 83.1  | 74.3  | 97.0    | 98.1  | 98.5  | 100.0 | 99.4  | 101.0 | 98.7  | 93.3  | 83.3  | 74.1  |
|                                                                                   | B | 214.0   | 181.0 | 152.0 | 131.0 | 123.0 | 107.0 | 106.0 | 93.1  | 83.1  | 74.3  | 214.0   | 183.0 | 153.0 | 132.0 | 124.0 | 107.0 | 106.0 | 93.3  | 83.3  | 74.3  |
| 125                                                                               | - | 92.1    | 93.0  | 93.6  | 95.1  | 94.3  | 96.1  | 93.8  | 91.0  | 81.2  | 72.6  | 91.4    | 92.5  | 93.0  | 94.5  | 93.9  | 95.8  | 93.4  | 91.3  | 81.4  | 72.7  |
|                                                                                   | B | 208.0   | 178.0 | 149.0 | 129.0 | 120.0 | 104.0 | 103.0 | 91.0  | 81.2  | 72.6  | 210.0   | 179.0 | 150.0 | 129.0 | 121.0 | 105.0 | 104.0 | 91.5  | 81.4  | 72.7  |
| 130                                                                               | - | 86.2    | 87.2  | 88.3  | 89.7  | 89.3  | 91.0  | 88.8  | 88.9  | 79.3  | 71.2  | 86.0    | 87.0  | 87.9  | 89.3  | 88.8  | 90.6  | 88.3  | 89.3  | 79.6  | 71.3  |
|                                                                                   | B | 203.0   | 174.0 | 145.0 | 126.0 | 117.0 | 102.0 | 101.0 | 89.1  | 79.3  | 71.2  | 205.0   | 176.0 | 147.0 | 127.0 | 118.0 | 103.0 | 101.0 | 89.6  | 79.6  | 71.3  |
| 135                                                                               | - | 81.1    | 81.8  | 82.9  | 84.2  | 84.3  | 85.9  | 84.2  | 86.3  | 77.4  | 69.9  | 80.8    | 81.7  | 82.9  | 84.2  | 84.0  | 85.7  | 83.7  | 86.4  | 77.8  | 70.0  |
|                                                                                   | B | 199.0   | 171.0 | 142.0 | 124.0 | 115.0 | 100.0 | 98.2  | 87.2  | 77.5  | 69.9  | 201.0   | 172.0 | 143.0 | 125.0 | 116.0 | 101.0 | 98.9  | 87.8  | 77.9  | 70.0  |
| 140                                                                               | - | 75.9    | 76.9  | 78.0  | 79.1  | 79.4  | 80.9  | 79.7  | 82.3  | 75.7  | 68.6  | 75.9    | 76.7  | 77.9  | 79.2  | 79.4  | 81.0  | 79.3  | 82.4  | 76.1  | 68.7  |
|                                                                                   | B | 194.0   | 167.0 | 139.0 | 121.0 | 112.0 | 98.4  | 95.8  | 85.4  | 75.8  | 68.6  | 197.0   | 169.0 | 140.0 | 122.0 | 113.0 | 99.0  | 96.6  | 86.0  | 76.2  | 68.7  |
| 145                                                                               | - | 71.4    | 72.1  | 73.5  | 74.4  | 74.7  | 76.1  | 75.1  | 77.7  | 74.1  | 67.2  | 71.0    | 72.0  | 73.2  | 74.4  | 74.8  | 76.3  | 75.1  | 77.9  | 74.4  | 67.4  |
|                                                                                   | B | 191.0   | 164.0 | 136.0 | 119.0 | 110.0 | 96.4  | 93.7  | 83.7  | 74.1  | 67.2  | 192.0   | 166.0 | 137.0 | 120.0 | 111.0 | 97.1  | 94.4  | 84.3  | 74.6  | 67.4  |
| 150                                                                               | - | 67.0    | 67.9  | 69.1  | 70.2  | 70.4  | 71.7  | 70.9  | 73.3  | 71.9  | 65.7  | 66.9    | 67.6  | 69.0  | 70.0  | 70.4  | 71.8  | 70.8  | 73.5  | 72.5  | 66.1  |
|                                                                                   | B | 187.0   | 161.0 | 133.0 | 117.0 | 107.0 | 94.6  | 91.6  | 82.0  | 72.5  | 65.8  | 189.0   | 163.0 | 135.0 | 118.0 | 108.0 | 95.2  | 92.3  | 82.6  | 73.1  | 66.1  |
| 155                                                                               | - | 63.1    | 63.7  | 65.1  | 66.1  | 66.5  | 67.7  | 66.8  | 69.2  | 69.0  | 64.3  | 62.7    | 63.6  | 64.8  | 66.0  | 66.3  | 67.7  | 66.8  | 69.3  | 69.0  | 64.7  |
|                                                                                   | B | 183.0   | 159.0 | 131.0 | 115.0 | 105.0 | 92.8  | 89.5  | 80.4  | 71.0  | 64.4  | 185.0   | 160.0 | 132.0 | 116.0 | 106.0 | 93.4  | 90.3  | 81.0  | 71.6  | 64.8  |
| 160                                                                               | - | 59.3    | 60.1  | 61.4  | 62.3  | 62.7  | 64.0  | 63.1  | 65.4  | 65.2  | 62.9  | 59.0    | 59.7  | 61.1  | 62.0  | 62.7  | 63.8  | 63.0  | 65.5  | 65.3  | 63.3  |
|                                                                                   | B | 180.0   | 156.0 | 128.0 | 113.0 | 103.0 | 91.1  | 87.4  | 78.7  | 69.5  | 63.0  | 182.0   | 158.0 | 129.0 | 114.0 | 104.0 | 91.7  | 88.3  | 79.3  | 70.1  | 63.4  |
| 165                                                                               | - | 55.9    | 56.5  | 57.7  | 58.7  | 59.1  | 60.4  | 59.7  | 61.8  | 61.7  | 61.4  | 55.4    | 56.2  | 57.5  | 58.5  | 59.0  | 60.3  | 59.5  | 61.8  | 61.7  | 60.9  |
|                                                                                   | B | 176.0   | 154.0 | 126.0 | 111.0 | 101.0 | 89.4  | 85.6  | 77.1  | 68.0  | 61.7  | 178.0   | 155.0 | 127.0 | 112.0 | 102.0 | 90.2  | 86.4  | 77.8  | 68.6  | 62.1  |
| 170                                                                               | - | 52.6    | 53.3  | 54.5  | 55.4  | 55.9  | 57.0  | 56.3  | 58.6  | 58.4  | 59.2  | 52.2    | 52.8  | 54.2  | 55.1  | 55.7  | 56.8  | 56.2  | 58.4  | 58.3  | 58.0  |
|                                                                                   | B | 173.0   | 151.0 | 123.0 | 109.0 | 98.8  | 87.7  | 83.7  | 75.6  | 66.6  | 60.3  | 175.0   | 153.0 | 125.0 | 110.0 | 99.9  | 88.6  | 84.7  | 76.3  | 67.2  | 60.8  |
| 175                                                                               | - | 49.6    | 50.1  | 51.3  | 52.3  | 52.7  | 53.9  | 53.3  | 55.4  | 55.3  | 56.3  | 49.1    | 49.7  | 51.1  | 51.9  | 52.5  | 53.7  | 52.9  | 55.4  | 55.1  | 54.8  |
|                                                                                   | B | 170.0   | 149.0 | 121.0 | 107.0 | 96.9  | 86.3  | 82.0  | 74.3  | 65.3  | 58.9  | 172.0   | 151.0 | 123.0 | 108.0 | 98.0  | 87.1  | 82.9  | 74.9  | 65.9  | 59.5  |
| 180                                                                               | - | 46.7    | 47.3  | 48.5  | 49.3  | 49.9  | 50.8  | 50.4  | 52.4  | 52.4  | 53.4  | 46.2    | 46.7  | 48.0  | 49.0  | 49.5  | 50.7  | 50.1  | 52.3  | 52.2  | 51.9  |
|                                                                                   | B | 167.0   | 147.0 | 119.0 | 106.0 | 95.2  | 84.8  | 80.4  | 72.9  | 64.0  | 57.7  | 169.0   | 148.0 | 121.0 | 107.0 | 96.2  | 85.7  | 81.3  | 73.6  | 64.6  | 58.2  |
| 185                                                                               | - | 44.0    | 44.4  | 45.7  | 46.5  | 47.0  | 48.1  | 47.6  | 49.6  | 49.5  | 50.7  | 4       |       |       |       |       |       |       |       |       |       |



286,600 lb -  
374,800 lb



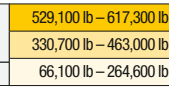
529,100 lb - 617,300 lb  
330,700 lb - 463,000 lb

B

66,100 lb - 264,600 lb

| ft  |   | SL4 295 |       |       |      |      |      |      |      |       |       | SL4 305 |       |       |      |      |      |      |      |       |       |
|-----|---|---------|-------|-------|------|------|------|------|------|-------|-------|---------|-------|-------|------|------|------|------|------|-------|-------|
|     |   | F 39    |       | F 59  |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |       | F 59  |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15°   | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15°   | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 215 | - | 30.5    | 30.9  | 32.1  | 32.7 | 33.4 | 34.1 | 33.9 | 35.6 | 35.6  | 36.7  | 29.8    | 30.2  | 31.5  | 32.1 | 32.8 | 33.7 | 33.4 | 35.3 | 35.2  | 35.2  |
|     | B | 150.0   | 133.0 | 107.0 | 96.1 | 84.6 | 76.3 | 70.7 | 65.0 | 56.3  | 50.1  | 152.0   | 135.0 | 108.0 | 97.1 | 85.7 | 77.2 | 71.5 | 65.7 | 56.9  | 50.7  |
| 220 | - | 28.6    | 29.0  | 30.2  | 30.7 | 31.4 | 32.2 | 32.0 | 33.7 | 33.7  | 34.7  | 27.9    | 28.3  | 29.6  | 30.2 | 30.9 | 31.7 | 31.5 | 33.3 | 33.3  | 33.2  |
|     | B | 147.0   | 132.0 | 105.0 | 94.8 | 83.2 | 75.3 | 69.6 | 64.0 | 55.4  | 49.1  | 149.0   | 133.0 | 107.0 | 95.9 | 84.4 | 76.1 | 70.3 | 64.7 | 55.9  | 49.8  |
| 225 | - | 26.9    | 27.2  | 28.4  | 29.0 | 29.6 | 30.3 | 30.2 | 31.8 | 31.8  | 32.9  | 26.1    | 26.5  | 27.8  | 28.3 | 29.0 | 29.9 | 29.6 | 31.4 | 31.5  | 31.4  |
|     | B | 145.0   | 130.0 | 104.0 | 93.6 | 82.0 | 74.3 | 68.5 | 63.0 | 54.5  | 48.3  | 146.0   | 132.0 | 105.0 | 94.7 | 83.1 | 75.2 | 69.2 | 63.7 | 55.0  | 48.9  |
| 230 | - | 25.2    | 25.5  | 26.7  | 27.2 | 27.9 | 28.6 | 28.4 | 30.1 | 30.1  | 31.1  | 24.4    | 24.7  | 26.0  | 26.6 | 27.3 | 28.0 | 27.9 | 29.6 | 29.7  | 29.6  |
|     | B | 143.0   | 129.0 | 102.0 | 92.4 | 80.8 | 73.3 | 67.4 | 62.2 | 53.6  | 47.5  | 143.0   | 130.0 | 104.0 | 93.5 | 82.0 | 74.2 | 68.2 | 62.8 | 54.2  | 48.0  |
| 235 | - | 23.6    | 23.9  | 25.0  | 25.5 | 26.2 | 26.9 | 26.8 | 28.4 | 28.4  | 29.4  | 22.7    | 23.1  | 24.4  | 24.9 | 25.6 | 26.4 | 26.2 | 27.9 | 28.0  | 27.9  |
|     | B | 140.0   | 127.0 | 101.0 | 91.4 | 79.6 | 72.4 | 66.3 | 61.3 | 52.8  | 46.7  | 140.0   | 129.0 | 102.0 | 92.2 | 80.8 | 73.2 | 67.1 | 62.0 | 53.3  | 47.2  |
| 240 | - | 22.1    | 22.3  | 23.5  | 23.9 | 24.6 | 25.3 | 25.2 | 26.8 | 26.8  | 27.8  | 21.4    | 21.6  | 22.8  | 23.3 | 24.0 | 24.7 | 24.6 | 26.3 | 26.3  | 26.3  |
|     | B | 137.0   | 126.0 | 99.5  | 90.5 | 78.5 | 71.4 | 65.3 | 60.5 | 52.0  | 45.9  | 137.0   | 127.0 | 101.0 | 91.3 | 79.6 | 72.3 | 66.1 | 61.1 | 52.5  | 46.4  |
| 245 | - | 20.8    | 21.1  | 22.0  | 22.5 | 23.2 | 23.7 | 23.8 | 25.2 | 25.3  | 26.2  | 20.1    | 20.3  | 21.4  | 21.8 | 22.5 | 23.2 | 23.1 | 24.7 | 24.8  | 24.8  |
|     | B | 134.0   | 124.0 | 98.2  | 89.5 | 77.4 | 70.5 | 64.2 | 59.6 | 51.2  | 45.1  | 133.0   | 126.0 | 99.5  | 90.3 | 78.4 | 71.4 | 65.1 | 60.3 | 51.7  | 45.6  |
| 250 | - | 19.6    | 19.8  | 20.8  | 21.2 | 21.8 | 22.4 | 22.4 | 23.8 | 23.8  | 24.8  | 18.9    | 19.1  | 20.2  | 20.6 | 21.2 | 21.7 | 21.7 | 23.2 | 23.3  | 23.2  |
|     | B | 130.0   | 123.0 | 96.9  | 88.5 | 76.3 | 69.6 | 63.2 | 58.8 | 50.4  | 44.3  | 129.0   | 124.0 | 98.2  | 89.4 | 77.3 | 70.5 | 64.1 | 59.5 | 51.0  | 44.9  |
| 255 | - | 18.5    | 18.7  | 19.6  | 20.0 | 20.6 | 21.1 | 21.1 | 22.4 | 22.5  | 23.3  | 17.7    | 17.9  | 19.0  | 19.3 | 20.0 | 20.5 | 20.5 | 21.8 | 21.9  | 22.0  |
|     | B | 127.0   | 121.0 | 95.7  | 87.5 | 75.3 | 68.8 | 62.3 | 58.0 | 49.7  | 43.7  | 126.0   | 123.0 | 97.0  | 88.5 | 76.3 | 69.7 | 63.1 | 58.7 | 50.3  | 44.2  |
| 260 | - | 17.4    | 17.6  | 18.5  | 18.8 | 19.4 | 19.9 | 20.0 | 21.1 | 21.2  | 22.1  | 16.6    | 16.9  | 17.8  | 18.2 | 18.9 | 19.3 | 19.4 | 20.7 | 20.8  | 20.8  |
|     | B | 122.0   | 119.0 | 94.5  | 86.6 | 74.3 | 68.1 | 61.4 | 57.2 | 48.9  | 43.0  | 122.0   | 121.0 | 95.8  | 87.6 | 75.3 | 68.9 | 62.2 | 57.9 | 49.6  | 43.5  |
| 265 | - | 16.4    | 16.5  | 17.5  | 17.8 | 18.4 | 18.8 | 18.9 | 20.0 | 20.1  | 20.9  | 15.6    | 15.8  | 16.8  | 17.1 | 17.8 | 18.2 | 18.3 | 19.5 | 19.6  | 19.6  |
|     | B | 118.0   | 116.0 | 93.4  | 85.7 | 73.3 | 67.3 | 60.5 | 56.5 | 48.2  | 42.3  | 118.0   | 119.0 | 94.7  | 86.7 | 74.3 | 68.2 | 61.3 | 57.2 | 48.9  | 42.8  |
| 270 | - | 15.4    | 15.5  | 16.4  | 16.7 | 17.3 | 17.8 | 17.9 | 19.0 | 19.0  | 19.8  | 14.5    | 14.7  | 15.7  | 16.0 | 16.7 | 17.1 | 17.2 | 18.5 | 18.5  | 18.6  |
|     | B | 114.0   | 114.0 | 92.3  | 84.8 | 72.3 | 66.6 | 59.6 | 55.8 | 47.5  | 41.6  | 114.0   | 115.0 | 93.7  | 85.9 | 73.4 | 67.4 | 60.5 | 56.5 | 48.2  | 42.2  |
| 275 | - | 14.4    | 14.6  | 15.5  | 15.7 | 16.3 | 16.7 | 16.8 | 17.9 | 18.0  | 18.8  | 13.3    | 13.5  | 14.7  | 15.0 | 15.7 | 16.1 | 16.2 | 17.4 | 17.5  | 17.5  |
|     | B | 110.0   | 111.0 | 91.3  | 84.1 | 71.5 | 65.9 | 58.8 | 55.2 | 46.9  | 41.0  | 111.0   | 111.0 | 92.5  | 85.2 | 72.5 | 66.7 | 59.7 | 55.8 | 47.5  | 41.5  |
| 280 | - |         |       | 14.5  | 14.8 | 15.4 | 15.8 | 15.9 | 16.9 | 17.0  | 17.8  | 12.1    | 12.3  | 13.7  | 14.0 | 14.7 | 15.1 | 15.2 | 16.4 | 16.5  | 16.6  |
|     | B |         |       | 90.3  | 83.4 | 70.6 | 65.2 | 58.0 | 54.5 | 46.2  | 40.3  | 107.0   | 108.0 | 91.5  | 84.5 | 71.6 | 66.0 | 58.8 | 55.1 | 46.9  | 40.9  |
| 285 | - |         |       | 13.6  | 13.8 | 14.5 | 14.8 | 15.0 | 16.0 | 16.1  | 16.9  |         | 11.2  | 12.7  | 13.0 | 13.8 | 14.2 | 14.3 | 15.4 | 15.5  | 15.6  |
|     | B |         |       | 89.4  | 82.8 | 69.7 | 64.6 | 57.2 | 53.8 | 45.6  | 39.8  |         | 104.0 | 90.6  | 83.8 | 70.7 | 65.4 | 58.1 | 54.4 | 46.3  | 40.2  |
| 290 | - |         |       | 12.6  | 12.9 | 13.6 | 13.9 | 14.1 | 15.1 | 15.2  | 15.9  |         |       | 11.5  | 11.9 | 12.8 | 13.2 | 13.4 | 14.5 | 14.6  | 14.7  |
|     | B |         |       | 88.4  | 82.2 | 68.9 | 63.9 | 56.5 | 53.2 | 45.0  | 39.2  |         |       | 89.7  | 83.1 | 69.9 | 64.7 | 57.3 | 53.8 | 45.7  | 39.6  |
| 295 | - |         |       |       | 11.9 | 12.7 | 13.0 | 13.2 | 14.2 | 14.3  | 15.1  |         |       | 10.4  | 10.8 | 11.8 | 12.2 | 12.6 | 13.6 | 13.7  | 13.8  |
|     | B |         |       |       | 81.6 | 68.2 | 63.4 | 55.7 | 52.6 | 44.5  | 38.6  |         |       | 88.8  | 82.4 | 69.1 | 64.0 | 56.6 | 53.2 | 45.1  | 39.1  |
| 300 | - |         |       |       |      | 11.8 | 12.1 | 12.4 | 13.3 | 13.4  | 14.2  |         |       | 9.4   | 9.7  | 10.8 | 11.2 | 11.7 | 12.7 | 12.8  | 13.0  |
|     | B |         |       |       |      | 67.5 | 62.9 | 55.0 | 52.0 | 43.9  | 38.1  |         |       | 88.0  | 81.7 | 68.4 | 63.4 | 55.9 | 52.7 | 44.5  | 38.5  |
| 305 | - |         |       |       |      | 10.9 | 11.2 | 11.6 | 12.5 | 12.6  | 13.4  |         |       |       |      | 9.8  | 10.2 | 10.7 | 11.9 | 12.0  | 12.1  |
|     | B |         |       |       |      | 66.8 | 62.4 | 54.4 | 51.5 | 43.4  | 37.5  |         |       |       |      | 67.7 | 62.9 | 55.3 | 52.1 | 44.0  | 38.0  |
| 310 | - |         |       |       |      | 9.9  | 10.3 | 10.8 | 11.7 | 11.8  | 12.6  |         |       |       |      | 8.8  | 9.2  | 9.7  | 10.9 | 11.2  | 11.3  |
|     | B |         |       |       |      | 66.1 | 61.9 | 53.7 | 51.0 | 42.8  | 37.0  |         |       |       |      | 67.0 | 62.4 | 54.6 | 51.6 | 43.4  | 37.4  |
| 315 | - |         |       |       |      |      |      | 9.9  | 10.9 | 11.0  | 11.8  |         |       |       |      | 7.8  | 8.2  | 8.8  | 9.9  | 10.3  | 10.6  |
|     | B |         |       |       |      |      |      | 53.1 | 50.5 | 42.3  | 36.5  |         |       |       |      | 66.3 | 61.8 | 54.0 | 51.0 | 42.9  | 37.0  |
| 320 | - |         |       |       |      |      |      | 9.0  | 10.0 | 10.3  | 11.1  |         |       |       |      |      | 7.3  | 7.9  | 9.0  | 9.4   | 9.8   |
|     | B |         |       |       |      |      |      | 52.5 | 50.0 | 41.8  | 36.1  |         |       |       |      |      | 61.4 | 53.4 | 50.6 | 42.4  | 36.5  |
| 325 | - |         |       |       |      |      |      | 8.1  | 9.1  | 9.5   | 10.3  |         |       |       |      |      |      | 7.0  | 8.1  | 8.5   | 9.0   |
|     | B |         |       |       |      |      |      | 52.0 | 49.6 | 41.4  | 35.6  |         |       |       |      |      |      | 52.8 | 50.1 | 42.0  | 36.0  |
| 330 | - |         |       |       |      |      |      |      | 8.2  | 8.7   | 9.5   |         |       |       |      |      |      | 6.1  | 7.2  | 7.6   | 8.1   |
|     | B |         |       |       |      |      |      |      | 49.1 | 40.9  | 35.1  |         |       |       |      |      |      | 52.2 | 49.6 | 41.5  | 35.6  |
| 335 | - |         |       |       |      |      |      |      |      | 7.8   | 8.6   |         |       |       |      |      |      |      | 6.3  | 6.7   | 7.3   |
|     | B |         |       |       |      |      |      |      |      | 40.4  | 34.7  |         |       |       |      |      |      | 51.6 | 49.2 | 41.1  | 35.1  |
| 340 | - |         |       |       |      |      |      |      |      | 6.9   | 7.8   |         |       |       |      |      |      |      |      | 5.9   | 6.4   |
|     | B |         |       |       |      |      |      |      |      | 40.0  | 34.2  |         |       |       |      |      |      |      |      | 40.6  | 34.7  |
| 345 | - |         |       |       |      |      |      |      |      | 6.1   | 7.0   |         |       |       |      |      |      |      |      |       | 5.6   |
|     | B |         |       |       |      |      |      |      |      | 39.6  | 33.8  |         |       |       |      |      |      |      |      | 40.2  | 34.2  |
| 350 | - |         |       |       |      |      |      |      |      |       | 6.3   |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      |       | 33.4  |         |       |       |      |      |      |      |      |       |       |
| 355 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      |       | 33.1  |         |       |       |      |      |      |      |      | 39.4  | 33.5  |
| 360 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      |       | 32.7  |         |       |       |      |      |      |      |      |       | 33.2  |
| 365 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       | 32.8  |
| 370 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       | 32.5  |





|  | SL4 315 |       |       |       |       |       |       |       |       |       |      |       | SL4 325 |       |       |       |       |       |       |       |      |  |  |  |
|-----------------------------------------------------------------------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-------|-------|-------|-------|-------|-------|-------|------|--|--|--|
|                                                                                   | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39 |       | F 59    |       | F 79  |       | F 98  |       | F 118 | F 138 |      |  |  |  |
|                                                                                   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°  | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   |      |  |  |  |
| 50                                                                                | -       | 215.0 |       |       |       |       |       |       |       |       |      |       |         |       |       |       |       |       |       |       |      |  |  |  |
|                                                                                   | B       | 215.0 |       |       |       |       |       |       |       |       |      |       |         |       |       |       |       |       |       |       |      |  |  |  |
| 55                                                                                | -       | 216.0 | 213.0 |       |       |       |       |       |       |       |      | 211.0 | 208.0   |       |       |       |       |       |       |       |      |  |  |  |
|                                                                                   | B       | 216.0 | 213.0 |       |       |       |       |       |       |       |      | 211.0 | 208.0   |       |       |       |       |       |       |       |      |  |  |  |
| 60                                                                                | -       | 213.0 | 211.0 | 179.0 |       |       |       |       |       |       |      | 211.0 | 207.0   | 175.0 |       |       |       |       |       |       |      |  |  |  |
|                                                                                   | B       | 216.0 | 213.0 | 179.0 |       |       |       |       |       |       |      | 211.0 | 207.0   | 175.0 |       |       |       |       |       |       |      |  |  |  |
| 65                                                                                | -       | 200.0 | 198.0 | 180.0 | 158.0 | 150.0 |       |       |       |       |      | 200.0 | 197.0   | 175.0 | 157.0 | 147.0 |       |       |       |       |      |  |  |  |
|                                                                                   | B       | 216.0 | 213.0 | 180.0 | 158.0 | 150.0 |       |       |       |       |      | 211.0 | 207.0   | 175.0 | 157.0 | 147.0 |       |       |       |       |      |  |  |  |
| 70                                                                                | -       | 185.0 | 187.0 | 179.0 | 158.0 | 149.0 |       | 126.0 |       |       |      | 184.0 | 186.0   | 175.0 | 156.0 | 146.0 |       | 124.0 |       |       |      |  |  |  |
|                                                                                   | B       | 216.0 | 212.0 | 180.0 | 158.0 | 150.0 |       | 126.0 |       |       |      | 211.0 | 206.0   | 175.0 | 157.0 | 147.0 |       | 124.0 |       |       |      |  |  |  |
| 75                                                                                | -       | 171.0 | 173.0 | 172.0 | 158.0 | 150.0 | 130.0 | 126.0 |       |       |      | 171.0 | 172.0   | 171.0 | 156.0 | 147.0 | 128.0 | 123.0 |       |       |      |  |  |  |
|                                                                                   | B       | 216.0 | 211.0 | 179.0 | 158.0 | 150.0 | 130.0 | 126.0 |       |       |      | 211.0 | 205.0   | 175.0 | 156.0 | 147.0 | 128.0 | 123.0 |       |       |      |  |  |  |
| 80                                                                                | -       | 159.0 | 161.0 | 160.0 | 156.0 | 148.0 | 127.0 | 125.0 | 112.0 | 98.7  | 84.1 | 158.0 | 160.0   | 159.0 | 154.0 | 146.0 | 126.0 | 123.0 | 111.0 | 97.3  | 83.1 |  |  |  |
|                                                                                   | B       | 217.0 | 209.0 | 178.0 | 156.0 | 148.0 | 127.0 | 125.0 | 112.0 | 98.7  | 84.1 | 212.0 | 204.0   | 174.0 | 154.0 | 146.0 | 126.0 | 123.0 | 111.0 | 97.3  | 83.1 |  |  |  |
| 85                                                                                | -       | 148.0 | 150.0 | 149.0 | 152.0 | 146.0 | 124.0 | 124.0 | 109.0 | 97.1  | 83.2 | 147.0 | 149.0   | 148.0 | 150.0 | 144.0 | 124.0 | 122.0 | 109.0 | 96.1  | 82.2 |  |  |  |
|                                                                                   | B       | 217.0 | 208.0 | 176.0 | 154.0 | 146.0 | 124.0 | 124.0 | 110.0 | 97.1  | 83.2 | 211.0 | 203.0   | 173.0 | 152.0 | 144.0 | 124.0 | 122.0 | 109.0 | 96.1  | 82.2 |  |  |  |
| 90                                                                                | -       | 138.0 | 140.0 | 139.0 | 142.0 | 139.0 | 122.0 | 122.0 | 107.0 | 95.6  | 82.2 | 137.0 | 139.0   | 139.0 | 141.0 | 139.0 | 122.0 | 121.0 | 107.0 | 95.0  | 81.3 |  |  |  |
|                                                                                   | B       | 216.0 | 206.0 | 174.0 | 151.0 | 143.0 | 122.0 | 122.0 | 107.0 | 95.8  | 82.2 | 211.0 | 201.0   | 171.0 | 149.0 | 142.0 | 122.0 | 121.0 | 107.0 | 95.1  | 81.3 |  |  |  |
| 95                                                                                | -       | 129.0 | 130.0 | 130.0 | 133.0 | 130.0 | 119.0 | 120.0 | 104.0 | 93.7  | 81.0 | 128.0 | 130.0   | 130.0 | 132.0 | 130.0 | 119.0 | 120.0 | 104.0 | 93.5  | 80.2 |  |  |  |
|                                                                                   | B       | 215.0 | 202.0 | 171.0 | 148.0 | 139.0 | 119.0 | 120.0 | 104.0 | 93.7  | 81.0 | 210.0 | 199.0   | 169.0 | 146.0 | 139.0 | 119.0 | 120.0 | 104.0 | 93.5  | 80.2 |  |  |  |
| 100                                                                               | -       | 121.0 | 122.0 | 122.0 | 125.0 | 122.0 | 116.0 | 117.0 | 102.0 | 91.5  | 79.3 | 120.0 | 121.0   | 121.0 | 124.0 | 122.0 | 116.0 | 117.0 | 102.0 | 91.4  | 78.8 |  |  |  |
|                                                                                   | B       | 214.0 | 198.0 | 168.0 | 145.0 | 136.0 | 117.0 | 117.0 | 102.0 | 91.5  | 79.3 | 208.0 | 197.0   | 167.0 | 143.0 | 136.0 | 117.0 | 117.0 | 102.0 | 91.4  | 78.8 |  |  |  |
| 105                                                                               | -       | 113.0 | 114.0 | 114.0 | 117.0 | 115.0 | 114.0 | 113.0 | 99.8  | 89.3  | 77.7 | 112.0 | 114.0   | 114.0 | 116.0 | 115.0 | 114.0 | 113.0 | 99.8  | 89.3  | 77.3 |  |  |  |
|                                                                                   | B       | 212.0 | 195.0 | 164.0 | 142.0 | 133.0 | 114.0 | 114.0 | 99.8  | 89.3  | 77.7 | 207.0 | 194.0   | 164.0 | 141.0 | 133.0 | 114.0 | 114.0 | 99.8  | 89.3  | 77.3 |  |  |  |
| 110                                                                               | -       | 106.0 | 107.0 | 108.0 | 110.0 | 108.0 | 110.0 | 107.0 | 97.7  | 87.3  | 76.2 | 105.0 | 107.0   | 107.0 | 109.0 | 108.0 | 110.0 | 107.0 | 97.7  | 87.3  | 75.9 |  |  |  |
|                                                                                   | B       | 209.0 | 191.0 | 160.0 | 139.0 | 130.0 | 112.0 | 111.0 | 97.7  | 87.3  | 76.2 | 204.0 | 192.0   | 161.0 | 138.0 | 130.0 | 112.0 | 112.0 | 97.8  | 87.3  | 75.9 |  |  |  |
| 115                                                                               | -       | 99.9  | 101.0 | 101.0 | 104.0 | 102.0 | 104.0 | 101.0 | 95.5  | 85.3  | 74.8 | 99.2  | 100.0   | 101.0 | 103.0 | 102.0 | 104.0 | 101.0 | 95.6  | 85.4  | 74.6 |  |  |  |
|                                                                                   | B       | 207.0 | 187.0 | 157.0 | 136.0 | 127.0 | 110.0 | 109.0 | 95.5  | 85.3  | 74.8 | 202.0 | 188.0   | 158.0 | 135.0 | 127.0 | 110.0 | 109.0 | 95.8  | 85.4  | 74.6 |  |  |  |
| 120                                                                               | -       | 94.0  | 95.2  | 95.6  | 98.1  | 96.3  | 98.3  | 95.7  | 93.5  | 83.3  | 73.5 | 93.3  | 94.5    | 95.0  | 96.7  | 95.9  | 97.9  | 95.2  | 93.6  | 83.5  | 73.3 |  |  |  |
|                                                                                   | B       | 205.0 | 184.0 | 154.0 | 134.0 | 124.0 | 107.0 | 106.0 | 93.5  | 83.4  | 73.5 | 200.0 | 185.0   | 154.0 | 133.0 | 125.0 | 108.0 | 107.0 | 93.8  | 83.5  | 73.3 |  |  |  |
| 125                                                                               | -       | 88.5  | 89.7  | 90.1  | 92.6  | 90.9  | 92.8  | 90.4  | 91.6  | 81.4  | 72.2 | 87.8  | 88.9    | 89.6  | 91.1  | 90.6  | 92.5  | 90.1  | 91.6  | 81.7  | 72.1 |  |  |  |
|                                                                                   | B       | 201.0 | 180.0 | 151.0 | 131.0 | 121.0 | 105.0 | 104.0 | 91.6  | 81.6  | 72.2 | 197.0 | 181.0   | 151.0 | 131.0 | 122.0 | 106.0 | 104.0 | 92.0  | 81.7  | 72.1 |  |  |  |
| 130                                                                               | -       | 83.5  | 84.5  | 85.1  | 87.5  | 86.0  | 87.8  | 85.6  | 88.1  | 79.7  | 70.9 | 82.7  | 83.8    | 84.5  | 86.0  | 85.5  | 87.4  | 85.1  | 88.3  | 80.0  | 70.8 |  |  |  |
|                                                                                   | B       | 198.0 | 177.0 | 147.0 | 129.0 | 119.0 | 103.0 | 101.0 | 89.7  | 79.8  | 70.9 | 194.0 | 178.0   | 148.0 | 128.0 | 119.0 | 104.0 | 102.0 | 90.1  | 80.0  | 70.8 |  |  |  |
| 135                                                                               | -       | 78.4  | 79.4  | 80.4  | 82.7  | 81.3  | 83.1  | 80.9  | 84.0  | 78.1  | 69.7 | 77.9  | 79.0    | 79.8  | 81.2  | 80.8  | 82.7  | 80.4  | 83.6  | 78.4  | 69.7 |  |  |  |
|                                                                                   | B       | 193.0 | 173.0 | 144.0 | 127.0 | 116.0 | 101.0 | 99.2  | 87.9  | 78.1  | 69.7 | 190.0 | 175.0   | 145.0 | 126.0 | 117.0 | 102.0 | 99.7  | 88.3  | 78.4  | 69.7 |  |  |  |
| 140                                                                               | -       | 73.6  | 74.4  | 75.6  | 77.6  | 76.9  | 78.5  | 76.5  | 79.4  | 76.2  | 68.4 | 73.3  | 74.3    | 75.3  | 76.7  | 76.5  | 78.2  | 76.0  | 79.1  | 76.6  | 68.5 |  |  |  |
|                                                                                   | B       | 190.0 | 170.0 | 141.0 | 124.0 | 114.0 | 99.5  | 97.0  | 86.2  | 76.4  | 68.4 | 187.0 | 172.0   | 142.0 | 124.0 | 115.0 | 100.0 | 97.6  | 86.6  | 76.8  | 68.5 |  |  |  |
| 145                                                                               | -       | 69.0  | 69.9  | 71.0  | 73.0  | 72.4  | 74.0  | 72.4  | 75.2  | 74.0  | 67.1 | 68.9  | 69.6    | 70.9  | 72.2  | 72.3  | 74.0  | 71.9  | 74.9  | 73.3  | 67.2 |  |  |  |
|                                                                                   | B       | 187.0 | 167.0 | 138.0 | 122.0 | 111.0 | 97.6  | 94.8  | 84.6  | 74.8  | 67.2 | 185.0 | 168.0   | 139.0 | 122.0 | 112.0 | 98.2  | 95.6  | 85.0  | 75.2  | 67.3 |  |  |  |
| 150                                                                               | -       | 64.7  | 65.5  | 66.8  | 68.6  | 68.2  | 69.6  | 68.5  | 71.1  | 70.2  | 65.9 | 64.4  | 65.4    | 66.6  | 67.7  | 68.2  | 69.7  | 68.0  | 70.9  | 69.8  | 66.0 |  |  |  |
|                                                                                   | B       | 184.0 | 164.0 | 135.0 | 120.0 | 109.0 | 95.8  | 92.8  | 83.0  | 73.3  | 66.0 | 182.0 | 166.0   | 136.0 | 119.0 | 110.0 | 96.5  | 93.5  | 83.4  | 73.7  | 66.1 |  |  |  |
| 155                                                                               | -       | 60.8  | 61.6  | 62.9  | 64.7  | 64.2  | 65.6  | 64.6  | 67.2  | 66.6  | 64.6 | 60.5  | 61.1    | 62.7  | 63.6  | 64.1  | 65.6  | 64.4  | 67.2  | 66.1  | 64.0 |  |  |  |
|                                                                                   | B       | 182.0 | 161.0 | 133.0 | 118.0 | 107.0 | 94.0  | 90.7  | 81.4  | 71.9  | 64.7 | 179.0 | 163.0   | 134.0 | 117.0 | 108.0 | 94.7  | 91.6  | 81.9  | 72.2  | 64.9 |  |  |  |
| 160                                                                               | -       | 57.0  | 57.8  | 58.9  | 60.9  | 60.5  | 61.8  | 60.9  | 63.3  | 63.1  | 62.6 | 56.7  | 57.5    | 58.9  | 60.0  | 60.3  | 61.7  | 60.7  | 63.4  | 62.7  | 61.5 |  |  |  |
|                                                                                   | B       | 179.0 | 159.0 | 130.0 | 116.0 | 105.0 | 92.2  | 88.7  | 79.8  | 70.4  | 63.5 | 177.0 | 160.0   | 131.0 | 115.0 | 106.0 | 92.9  | 89.6  | 80.4  | 70.8  | 63.8 |  |  |  |
| 165                                                                               | -       | 53.6  | 54.3  | 55.6  | 57.2  | 57.1  | 58.2  | 57.4  | 59.8  | 59.6  | 60.3 | 53.1  | 53.9    | 55.2  | 56.4  | 56.9  | 58.1  | 57.3  | 59.8  | 59.5  | 58.3 |  |  |  |
|                                                                                   | B       | 175.0 | 156.0 | 128.0 | 114.0 | 103.0 | 90.6  | 86.8  | 78.3  | 69.0  | 62.3 | 174.0 | 158.0   | 129.0 | 113.0 | 104.0 | 91.3  | 87.7  | 78.9  | 69.4  | 62.7 |  |  |  |
| 170                                                                               | -       | 50.3  | 51.0  | 52.3  | 54.0  | 53.6  | 55.0  | 54.2  | 56.4  | 56.3  | 57.3 | 49.9  | 50.6    | 52.0  | 53.0  | 53.6  | 54.8  | 53.9  | 56.4  | 56.3  | 55.4 |  |  |  |
|                                                                                   | B       | 171.0 | 153.0 | 126.0 | 112.0 | 101.0 | 89.1  | 85.1  | 76.9  | 67.6  | 61.1 | 172.0 | 155.0   | 127.0 | 112.0 | 102.0 | 89.8  | 85.8  | 77.5  | 68.1  | 61.5 |  |  |  |
| 175                                                                               | -       | 47.3  | 47.9  | 49.2  | 50.8  | 50.6  | 51.7  | 51.1  | 53.3  | 53.2  | 54.2 | 46.7  | 47.5    | 48.8  | 49.9  | 50.3  | 51.6  | 50.9  | 53.2  | 53.1  | 52.5 |  |  |  |
|                                                                                   | B       | 166.0 | 151.0 | 124.0 | 110.0 | 98.8  | 87.6  | 83.4  | 75.4  | 66.3  | 59.8 | 170.0 | 153.0   | 125.0 | 110.0 | 99.6  | 88.3  | 84.2  | 76.0  | 66.8  | 60.3 |  |  |  |
| 180                                                                               | -       | 44.4  | 45.1  | 46.3  | 47.9  | 47.7  | 48.8  | 48.1  | 50.4  | 50.2  | 51.3 | 43.9  | 44.6    | 45.9  | 46.7  | 47.5  | 48.5  | 47.9  | 50.3  | 50.1  | 49.8 |  |  |  |
|                                                                                   | B       | 164.0 | 149.0 | 121.0 | 109.0 | 97.0  | 86.2  | 81.8  | 74.0  | 65.0  | 58.5 | 167.0 | 151.0   | 123.0 | 108.0 | 97.9  | 86.8  | 82.5  | 74.7  | 65.5  | 59.0 |  |  |  |
| 185                                                                               | -       | 41.7  | 42.3  | 43.5  | 45.1  | 44.9  | 46.0  | 45.5  | 47.5  | 47.5  | 48.4 | 41.1  | 41.8    | 43.1  | 44.1  | 44.6  | 45.8  | 45.1  | 47.5  |       |      |  |  |  |



286,600 lb -  
374,800 lb



529,100 lb - 617,300 lb  
330,700 lb - 463,000 lb



66,100 lb - 264,600 lb

| ft  |   | SL4 315 |       |       |      |      |      |      |      |       |       | SL4 325 |       |       |      |      |      |      |      |       |       |
|-----|---|---------|-------|-------|------|------|------|------|------|-------|-------|---------|-------|-------|------|------|------|------|------|-------|-------|
|     |   | F 39    |       | F 59  |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |       | F 59  |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15°   | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15°   | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 225 | - | 24.7    | 25.1  | 26.3  | 27.6 | 27.6 | 28.3 | 28.1 | 29.9 | 29.9  | 30.8  | 23.9    | 24.4  | 25.6  | 26.2 | 27.0 | 27.8 | 27.6 | 29.5 | 29.4  | 29.4  |
|     | B | 142.0   | 131.0 | 105.0 | 96.0 | 83.7 | 75.6 | 69.9 | 64.2 | 55.4  | 49.3  | 146.0   | 134.0 | 107.0 | 96.0 | 84.8 | 76.6 | 70.7 | 64.9 | 56.1  | 49.8  |
| 230 | - | 23.0    | 23.4  | 24.6  | 25.8 | 25.8 | 26.6 | 26.3 | 28.1 | 28.1  | 29.1  | 22.3    | 22.6  | 23.9  | 24.5 | 25.3 | 26.0 | 25.9 | 27.7 | 27.7  | 27.6  |
|     | B | 140.0   | 130.0 | 104.0 | 94.9 | 82.4 | 74.6 | 68.7 | 63.3 | 54.5  | 48.4  | 143.0   | 132.0 | 105.0 | 94.9 | 83.6 | 75.6 | 69.6 | 64.0 | 55.2  | 48.9  |
| 235 | - | 21.5    | 21.8  | 23.0  | 24.1 | 24.2 | 24.9 | 24.7 | 26.4 | 26.4  | 27.4  | 20.9    | 21.2  | 22.3  | 22.8 | 23.6 | 24.4 | 24.2 | 26.0 | 26.0  | 25.9  |
|     | B | 137.0   | 129.0 | 102.0 | 93.7 | 81.2 | 73.7 | 67.6 | 62.3 | 53.7  | 47.6  | 139.0   | 131.0 | 104.0 | 93.8 | 82.4 | 74.7 | 68.5 | 63.1 | 54.3  | 48.1  |
| 240 | - | 20.2    | 20.5  | 21.5  | 22.5 | 22.6 | 23.4 | 23.1 | 24.8 | 24.9  | 25.7  | 19.5    | 19.8  | 21.0  | 21.4 | 22.2 | 22.7 | 22.7 | 24.3 | 24.4  | 24.4  |
|     | B | 135.0   | 127.0 | 101.0 | 92.6 | 80.0 | 72.7 | 66.5 | 61.5 | 52.9  | 46.8  | 135.0   | 129.0 | 102.0 | 92.6 | 81.3 | 73.7 | 67.5 | 62.2 | 53.5  | 47.3  |
| 245 | - | 19.0    | 19.3  | 20.3  | 21.2 | 21.3 | 21.8 | 21.8 | 23.3 | 23.3  | 24.3  | 18.3    | 18.6  | 19.6  | 20.1 | 20.8 | 21.4 | 21.3 | 22.9 | 22.9  | 22.8  |
|     | B | 132.0   | 126.0 | 99.7  | 91.6 | 78.8 | 71.8 | 65.5 | 60.6 | 52.1  | 46.1  | 131.0   | 128.0 | 101.0 | 91.4 | 80.1 | 72.8 | 66.5 | 61.4 | 52.7  | 46.5  |
| 250 | - | 17.8    | 18.1  | 19.0  | 19.9 | 20.0 | 20.6 | 20.5 | 21.9 | 22.0  | 22.9  | 17.1    | 17.3  | 18.4  | 18.8 | 19.5 | 20.1 | 20.0 | 21.5 | 21.5  | 21.5  |
|     | B | 128.0   | 124.0 | 98.4  | 90.6 | 77.6 | 70.9 | 64.6 | 59.8 | 51.3  | 45.3  | 127.0   | 126.0 | 99.8  | 90.5 | 79.0 | 71.9 | 65.5 | 60.6 | 51.9  | 45.8  |
| 255 | - | 16.7    | 16.9  | 17.9  | 18.8 | 18.9 | 19.4 | 19.3 | 20.7 | 20.7  | 21.5  | 15.9    | 16.2  | 17.2  | 17.6 | 18.3 | 18.9 | 18.8 | 20.2 | 20.3  | 20.3  |
|     | B | 125.0   | 121.0 | 97.2  | 89.6 | 76.6 | 69.9 | 63.6 | 59.0 | 50.6  | 44.6  | 124.0   | 124.0 | 98.6  | 89.6 | 77.8 | 71.0 | 64.6 | 59.8 | 51.2  | 45.1  |
| 260 | - | 15.6    | 15.8  | 16.8  | 17.6 | 17.7 | 18.2 | 18.2 | 19.5 | 19.5  | 20.3  | 14.8    | 15.1  | 16.1  | 16.5 | 17.2 | 17.7 | 17.7 | 19.0 | 19.1  | 19.1  |
|     | B | 121.0   | 119.0 | 96.1  | 88.6 | 75.6 | 69.1 | 62.7 | 58.2 | 49.8  | 43.8  | 120.0   | 121.0 | 97.5  | 88.8 | 76.8 | 70.1 | 63.6 | 59.1 | 50.5  | 44.4  |
| 265 | - | 14.6    | 14.8  | 15.7  | 16.6 | 16.7 | 17.1 | 17.1 | 18.4 | 18.5  | 19.2  | 13.8    | 14.0  | 15.0  | 15.4 | 16.1 | 16.6 | 16.6 | 17.9 | 17.9  | 18.0  |
|     | B | 117.0   | 116.0 | 94.9  | 87.7 | 74.6 | 68.4 | 61.7 | 57.5 | 49.2  | 43.1  | 117.0   | 117.0 | 96.3  | 87.9 | 75.8 | 69.3 | 62.6 | 58.4 | 49.8  | 43.8  |
| 270 | - | 13.6    | 13.7  | 14.7  | 15.5 | 15.6 | 16.1 | 16.1 | 17.3 | 17.4  | 18.1  | 12.6    | 12.9  | 14.0  | 14.3 | 15.0 | 15.5 | 15.5 | 16.8 | 16.9  | 16.9  |
|     | B | 113.0   | 114.0 | 93.9  | 86.8 | 73.7 | 67.6 | 60.9 | 56.7 | 48.5  | 42.4  | 113.0   | 114.0 | 95.3  | 87.1 | 74.9 | 68.6 | 61.7 | 57.6 | 49.2  | 43.1  |
| 275 | - | 12.6    | 12.8  | 13.7  | 14.5 | 14.6 | 15.1 | 15.1 | 16.3 | 16.4  | 17.1  | 11.4    | 11.7  | 13.0  | 13.3 | 14.0 | 14.5 | 14.5 | 15.8 | 15.8  | 15.9  |
|     | B | 110.0   | 111.0 | 92.9  | 86.1 | 72.8 | 66.8 | 60.1 | 56.1 | 47.8  | 41.8  | 110.0   | 111.0 | 94.2  | 86.3 | 73.9 | 67.8 | 60.9 | 56.9 | 48.5  | 42.5  |
| 280 | - | 11.5    | 11.7  | 12.8  | 13.5 | 13.7 | 14.1 | 14.2 | 15.3 | 15.4  | 16.1  | 10.3    | 10.6  | 11.9  | 12.3 | 13.0 | 13.5 | 13.5 | 14.8 | 14.9  | 14.9  |
|     | B | 107.0   | 108.0 | 91.9  | 85.3 | 71.9 | 66.2 | 59.3 | 55.4 | 47.1  | 41.2  | 107.0   | 107.0 | 93.2  | 85.5 | 73.0 | 67.1 | 60.1 | 56.2 | 47.9  | 41.8  |
| 285 | - | 10.3    | 10.6  | 11.9  | 12.6 | 12.8 | 13.2 | 13.2 | 14.4 | 14.4  | 15.2  | 9.2     | 9.4   | 10.8  | 11.3 | 12.1 | 12.5 | 12.6 | 13.8 | 13.9  | 13.9  |
|     | B | 104.0   | 105.0 | 90.9  | 84.5 | 71.1 | 65.5 | 58.5 | 54.8 | 46.4  | 40.6  | 104.0   | 104.0 | 92.2  | 84.8 | 72.1 | 66.3 | 59.3 | 55.6 | 47.2  | 41.2  |
| 290 | - | 9.3     | 9.5   | 10.8  | 11.7 | 11.9 | 12.3 | 12.4 | 13.4 | 13.5  | 14.3  | 8.1     | 8.3   | 9.7   | 10.2 | 11.2 | 11.6 | 11.7 | 12.9 | 13.0  | 13.0  |
|     | B | 101.0   | 102.0 | 90.0  | 83.8 | 70.2 | 64.9 | 57.7 | 54.1 | 45.9  | 40.0  | 101.0   | 102.0 | 91.2  | 84.1 | 71.3 | 65.6 | 58.6 | 54.9 | 46.6  | 40.6  |
| 295 | - |         |       | 9.8   | 10.7 | 11.0 | 11.4 | 11.5 | 12.6 | 12.6  | 13.4  | 7.1     | 7.3   | 8.6   | 9.0  | 10.1 | 10.6 | 10.8 | 12.0 | 12.1  | 12.2  |
|     | B |         |       | 89.2  | 83.2 | 69.5 | 64.3 | 56.9 | 53.5 | 45.3  | 39.4  | 98.2    | 98.6  | 90.3  | 83.3 | 70.5 | 65.0 | 57.8 | 54.3 | 46.0  | 40.0  |
| 300 | - |         |       | 8.8   | 9.6  | 10.1 | 10.5 | 10.7 | 11.7 | 11.8  | 12.5  |         |       | 6.3   | 7.6  | 8.0  | 9.1  | 9.6  | 9.9  | 11.1  | 11.2  |
|     | B |         |       | 88.3  | 82.6 | 68.7 | 63.7 | 56.2 | 52.9 | 44.7  | 38.8  |         |       | 95.9  | 89.5 | 82.7 | 69.7 | 64.4 | 57.1 | 53.7  | 45.5  |
| 305 | - |         |       | 7.8   | 8.6  | 9.1  | 9.6  | 9.9  | 10.9 | 11.0  | 11.7  |         |       |       | 6.6  | 7.0  | 8.0  | 8.5  | 9.0  | 10.3  | 10.4  |
|     | B |         |       | 87.5  | 82.0 | 68.0 | 63.1 | 55.6 | 52.3 | 44.2  | 38.3  |         |       |       | 88.8 | 82.1 | 68.9 | 63.9 | 56.4 | 53.1  | 44.9  |
| 310 | - |         |       |       | 7.6  | 8.2  | 8.6  | 9.0  | 10.1 | 10.2  | 10.9  |         |       |       | 5.6  | 6.0  | 7.0  | 7.5  | 8.1  | 9.4   | 9.6   |
|     | B |         |       |       | 81.5 | 67.3 | 62.7 | 54.9 | 51.8 | 43.7  | 37.8  |         |       |       | 87.9 | 81.4 | 68.2 | 63.2 | 55.8 | 52.5  | 44.4  |
| 315 | - |         |       |       |      | 7.3  | 7.6  | 8.1  | 9.2  | 9.4   | 10.1  |         |       |       |      | 6.1  | 6.5  | 7.1  | 8.4  | 8.7   | 8.9   |
|     | B |         |       |       |      | 66.7 | 62.2 | 54.2 | 51.3 | 43.2  | 37.2  |         |       |       | 86.7 | 80.6 | 67.5 | 62.7 | 55.2 | 52.0  | 43.8  |
| 320 | - |         |       |       |      | 6.3  | 6.7  | 7.2  | 8.2  | 8.7   | 9.4   |         |       |       |      |      | 5.6  | 6.1  | 7.4  | 7.7   | 8.0   |
|     | B |         |       |       |      | 66.0 | 61.7 | 53.6 | 50.8 | 42.7  | 36.7  |         |       |       |      |      | 66.9 | 62.2 | 54.5 | 51.5  | 43.3  |
| 325 | - |         |       |       |      |      | 5.8  | 6.3  | 7.4  | 7.9   | 8.6   |         |       |       |      |      |      |      | 6.4  | 6.8   | 7.2   |
|     | B |         |       |       |      | 65.5 | 61.3 | 53.0 | 50.3 | 42.2  | 36.2  |         |       |       |      |      |      | 66.2 | 61.8 | 53.8  | 51.0  |
| 330 | - |         |       |       |      |      |      |      | 6.5  | 7.0   | 7.8   |         |       |       |      |      |      |      | 5.5  | 5.9   | 6.3   |
|     | B |         |       |       |      |      |      |      | 52.5 | 49.9  | 41.7  | 35.7    |       |       |      |      |      | 65.6 | 61.4 | 53.2  | 50.5  |
| 335 | - |         |       |       |      |      |      |      |      | 5.7   | 6.1   | 7.0     |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      | 52.0 | 49.5  | 41.3  | 35.3    |       |       |      |      |      | 61.0 | 52.7 | 50.1  | 41.9  |
| 340 | - |         |       |       |      |      |      |      |      |       | 6.2   |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      | 51.5 | 49.1  | 40.9  | 34.9    |       |       |      |      |      |      | 52.1 | 49.6  | 41.4  |
| 345 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      | 50.5 | 48.7  | 40.5  | 34.5    |       |       |      |      |      |      | 51.6 | 49.2  | 41.0  |
| 350 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      | 49.7 |       | 40.1  | 34.1    |       |       |      |      |      |      | 51.2 | 48.8  | 40.6  |
| 355 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      | 39.7  | 33.7  |         |       |       |      |      |      |      |      |       | 40.2  |
| 360 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      | 39.3  | 33.3  |         |       |       |      |      |      |      |      |       | 39.8  |
| 365 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      | 38.9  | 33.0  |         |       |       |      |      |      |      |      |       | 39.5  |
| 370 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      | 38.6  | 32.7  |         |       |       |      |      |      |      |      |       | 39.1  |
| 375 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      |       | 32.3  |         |       |       |      |      |      |      |      |       | 38.7  |
| 380 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      |       | 32.0  |         |       |       |      |      |      |      |      |       | 32.4  |
| 385 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      |       | 31.7  |         |       |       |      |      |      |      |      |       | 32.1  |
| 390 | - |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       |       |
|     | B |         |       |       |      |      |      |      |      |       |       |         |       |       |      |      |      |      |      |       | 31.7  |



286,600 lb -  
374,800 lb

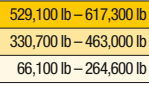


529,100 lb - 617,300 lb

330,700 lb - 463,000 lb

66,100 lb - 264,600 lb

|  |   | SL4 335 |       |       |       |       |       |       |       |       |       | SL4 345 |       |       |       |       |       |       |       |       |       |  |  |
|-----------------------------------------------------------------------------------|---|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
|                                                                                   |   | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 |  |  |
|                                                                                   |   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   |  |  |
| 55                                                                                | - | 199.0   |       |       |       |       |       |       |       |       |       | 194.0   |       |       |       |       |       |       |       |       |       |  |  |
|                                                                                   | B | 199.0   |       |       |       |       |       |       |       |       |       | 194.0   |       |       |       |       |       |       |       |       |       |  |  |
| 60                                                                                | - | 199.0   | 196.0 | 165.0 |       |       |       |       |       |       |       | 194.0   | 191.0 |       |       |       |       |       |       |       |       |  |  |
|                                                                                   | B | 199.0   | 196.0 | 165.0 |       |       |       |       |       |       |       | 194.0   | 191.0 |       |       |       |       |       |       |       |       |  |  |
| 65                                                                                | - | 189.0   | 192.0 | 166.0 | 151.0 |       |       |       |       |       |       | 192.0   | 190.0 | 161.0 |       |       |       |       |       |       |       |  |  |
|                                                                                   | B | 199.0   | 195.0 | 166.0 | 151.0 |       |       |       |       |       |       | 194.0   | 190.0 | 161.0 |       |       |       |       |       |       |       |  |  |
| 70                                                                                | - | 178.0   | 182.0 | 166.0 | 150.0 | 139.0 |       | 118.0 |       |       |       | 179.0   | 181.0 | 162.0 | 147.0 | 136.0 |       | 116.0 |       |       |       |  |  |
|                                                                                   | B | 199.0   | 195.0 | 166.0 | 150.0 | 139.0 |       | 118.0 |       |       |       | 194.0   | 189.0 | 162.0 | 147.0 | 136.0 |       | 116.0 |       |       |       |  |  |
| 75                                                                                | - | 165.0   | 168.0 | 164.0 | 150.0 | 140.0 | 119.0 | 118.0 |       |       |       | 165.0   | 168.0 | 161.0 | 146.0 | 136.0 | 121.0 | 116.0 |       |       |       |  |  |
|                                                                                   | B | 199.0   | 194.0 | 165.0 | 150.0 | 140.0 | 119.0 | 118.0 |       |       |       | 194.0   | 188.0 | 161.0 | 146.0 | 136.0 | 121.0 | 116.0 |       |       |       |  |  |
| 80                                                                                | - | 153.0   | 156.0 | 154.0 | 149.0 | 140.0 | 119.0 | 118.0 | 108.0 |       |       | 154.0   | 155.0 | 154.0 | 145.0 | 136.0 | 120.0 | 115.0 | 106.0 |       |       |  |  |
|                                                                                   | B | 199.0   | 193.0 | 165.0 | 149.0 | 140.0 | 119.0 | 118.0 | 108.0 |       |       | 193.0   | 187.0 | 161.0 | 145.0 | 136.0 | 120.0 | 115.0 | 106.0 |       |       |  |  |
| 85                                                                                | - | 142.0   | 145.0 | 144.0 | 147.0 | 139.0 | 119.0 | 117.0 | 107.0 | 93.5  | 79.7  | 143.0   | 145.0 | 143.0 | 145.0 | 135.0 | 120.0 | 115.0 | 105.0 | 92.0  | 78.3  |  |  |
|                                                                                   | B | 199.0   | 191.0 | 164.0 | 148.0 | 139.0 | 119.0 | 117.0 | 107.0 | 93.5  | 79.7  | 193.0   | 186.0 | 160.0 | 145.0 | 135.0 | 120.0 | 115.0 | 105.0 | 92.0  | 78.3  |  |  |
| 90                                                                                | - | 133.0   | 135.0 | 134.0 | 137.0 | 134.0 | 119.0 | 116.0 | 106.0 | 92.9  | 78.7  | 133.0   | 135.0 | 134.0 | 137.0 | 133.0 | 119.0 | 114.0 | 104.0 | 91.4  | 77.5  |  |  |
|                                                                                   | B | 198.0   | 190.0 | 163.0 | 147.0 | 137.0 | 119.0 | 116.0 | 106.0 | 92.9  | 78.7  | 193.0   | 185.0 | 158.0 | 144.0 | 134.0 | 119.0 | 114.0 | 104.0 | 91.4  | 77.5  |  |  |
| 95                                                                                | - | 124.0   | 126.0 | 125.0 | 128.0 | 126.0 | 119.0 | 116.0 | 104.0 | 92.1  | 77.7  | 124.0   | 126.0 | 125.0 | 128.0 | 125.0 | 118.0 | 113.0 | 103.0 | 90.8  | 76.7  |  |  |
|                                                                                   | B | 197.0   | 188.0 | 161.0 | 145.0 | 136.0 | 119.0 | 116.0 | 104.0 | 92.1  | 77.7  | 192.0   | 183.0 | 157.0 | 143.0 | 133.0 | 118.0 | 113.0 | 103.0 | 90.8  | 76.7  |  |  |
| 100                                                                               | - | 116.0   | 118.0 | 117.0 | 120.0 | 118.0 | 118.0 | 114.0 | 102.0 | 90.5  | 76.7  | 116.0   | 118.0 | 117.0 | 120.0 | 118.0 | 116.0 | 112.0 | 101.0 | 89.5  | 75.8  |  |  |
|                                                                                   | B | 196.0   | 187.0 | 159.0 | 143.0 | 134.0 | 118.0 | 114.0 | 102.0 | 90.5  | 76.7  | 191.0   | 181.0 | 155.0 | 142.0 | 132.0 | 116.0 | 112.0 | 101.0 | 89.5  | 75.8  |  |  |
| 105                                                                               | - | 108.0   | 111.0 | 110.0 | 113.0 | 111.0 | 113.0 | 110.0 | 99.5  | 88.8  | 75.7  | 109.0   | 110.0 | 109.0 | 113.0 | 110.0 | 113.0 | 109.0 | 99.4  | 88.2  | 74.9  |  |  |
|                                                                                   | B | 195.0   | 185.0 | 157.0 | 142.0 | 132.0 | 116.0 | 113.0 | 99.6  | 88.8  | 75.7  | 190.0   | 180.0 | 154.0 | 141.0 | 130.0 | 114.0 | 111.0 | 99.4  | 88.2  | 74.9  |  |  |
| 110                                                                               | - | 102.0   | 104.0 | 103.0 | 106.0 | 104.0 | 107.0 | 104.0 | 97.5  | 87.1  | 74.7  | 102.0   | 103.0 | 103.0 | 106.0 | 104.0 | 106.0 | 104.0 | 97.6  | 86.9  | 74.0  |  |  |
|                                                                                   | B | 193.0   | 184.0 | 156.0 | 139.0 | 130.0 | 113.0 | 112.0 | 97.6  | 87.1  | 74.7  | 189.0   | 179.0 | 152.0 | 139.0 | 129.0 | 112.0 | 110.0 | 97.6  | 87.0  | 74.0  |  |  |
| 115                                                                               | - | 95.5    | 97.7  | 97.1  | 99.9  | 98.0  | 101.0 | 98.4  | 95.5  | 85.3  | 73.5  | 95.7    | 97.2  | 96.6  | 99.6  | 97.6  | 99.9  | 98.2  | 95.7  | 85.1  | 73.0  |  |  |
|                                                                                   | B | 191.0   | 181.0 | 154.0 | 137.0 | 127.0 | 111.0 | 111.0 | 95.7  | 85.3  | 73.5  | 186.0   | 177.0 | 151.0 | 137.0 | 127.0 | 110.0 | 110.0 | 95.7  | 85.3  | 73.0  |  |  |
| 120                                                                               | - | 89.7    | 91.9  | 91.4  | 94.1  | 92.3  | 95.5  | 92.8  | 93.6  | 83.4  | 72.4  | 90.0    | 91.3  | 90.8  | 93.8  | 91.9  | 94.1  | 92.5  | 93.0  | 83.3  | 71.9  |  |  |
|                                                                                   | B | 189.0   | 180.0 | 152.0 | 135.0 | 124.0 | 109.0 | 108.0 | 93.7  | 83.4  | 72.4  | 185.0   | 176.0 | 149.0 | 135.0 | 124.0 | 108.0 | 108.0 | 93.8  | 83.5  | 71.9  |  |  |
| 125                                                                               | - | 84.3    | 86.5  | 86.1  | 88.7  | 87.0  | 90.1  | 87.6  | 89.9  | 81.6  | 71.2  | 84.6    | 85.8  | 85.4  | 88.3  | 86.6  | 88.6  | 87.1  | 89.5  | 81.6  | 70.9  |  |  |
|                                                                                   | B | 187.0   | 178.0 | 150.0 | 132.0 | 122.0 | 107.0 | 106.0 | 91.8  | 81.6  | 71.2  | 183.0   | 175.0 | 147.0 | 133.0 | 122.0 | 106.0 | 106.0 | 92.0  | 81.8  | 70.9  |  |  |
| 130                                                                               | - | 79.3    | 81.4  | 81.1  | 83.7  | 82.1  | 85.1  | 82.5  | 84.7  | 79.8  | 70.1  | 79.6    | 80.8  | 80.5  | 83.2  | 81.7  | 83.7  | 82.1  | 84.5  | 79.7  | 69.8  |  |  |
|                                                                                   | B | 184.0   | 176.0 | 148.0 | 130.0 | 120.0 | 105.0 | 103.0 | 90.1  | 79.9  | 70.1  | 181.0   | 173.0 | 146.0 | 130.0 | 120.0 | 104.0 | 104.0 | 90.3  | 80.1  | 69.8  |  |  |
| 135                                                                               | - | 74.7    | 76.7  | 76.5  | 79.0  | 77.6  | 80.3  | 77.9  | 80.1  | 78.0  | 69.0  | 74.9    | 76.1  | 75.9  | 78.5  | 77.0  | 78.9  | 77.5  | 79.7  | 77.4  | 68.8  |  |  |
|                                                                                   | B | 181.0   | 174.0 | 146.0 | 128.0 | 117.0 | 104.0 | 101.0 | 88.4  | 78.3  | 69.0  | 178.0   | 171.0 | 145.0 | 128.0 | 118.0 | 102.0 | 102.0 | 88.7  | 78.6  | 68.8  |  |  |
| 140                                                                               | - | 70.3    | 72.2  | 72.2  | 74.5  | 73.2  | 75.9  | 73.6  | 75.7  | 74.2  | 67.9  | 70.5    | 71.6  | 71.5  | 74.1  | 72.6  | 74.4  | 73.1  | 75.2  | 74.0  | 67.7  |  |  |
|                                                                                   | B | 178.0   | 171.0 | 143.0 | 126.0 | 115.0 | 102.0 | 99.3  | 86.8  | 76.7  | 67.9  | 175.0   | 168.0 | 143.0 | 126.0 | 115.0 | 101.0 | 99.7  | 87.0  | 77.1  | 67.7  |  |  |
| 145                                                                               | - | 66.0    | 67.7  | 68.0  | 70.2  | 69.0  | 71.6  | 69.6  | 71.5  | 70.3  | 66.8  | 66.4    | 67.4  | 67.4  | 69.9  | 68.5  | 70.2  | 69.1  | 71.1  | 69.9  | 66.7  |  |  |
|                                                                                   | B | 175.0   | 168.0 | 140.0 | 124.0 | 113.0 | 100.0 | 97.4  | 85.2  | 75.3  | 66.8  | 173.0   | 165.0 | 140.0 | 124.0 | 113.0 | 99.0  | 97.6  | 85.5  | 75.6  | 66.7  |  |  |
| 150                                                                               | - | 61.9    | 63.5  | 63.9  | 66.0  | 65.2  | 67.7  | 65.8  | 67.7  | 66.5  | 65.3  | 62.4    | 63.1  | 63.6  | 65.9  | 64.6  | 66.3  | 65.3  | 67.3  | 66.1  | 64.9  |  |  |
|                                                                                   | B | 171.0   | 165.0 | 137.0 | 122.0 | 110.0 | 98.4  | 95.4  | 83.7  | 73.8  | 65.7  | 170.0   | 163.0 | 138.0 | 122.0 | 111.0 | 97.4  | 95.8  | 84.0  | 74.2  | 65.6  |  |  |
| 155                                                                               | - | 57.8    | 59.5  | 59.9  | 61.9  | 61.4  | 63.8  | 62.3  | 64.1  | 63.0  | 63.2  | 58.4    | 59.3  | 59.7  | 61.8  | 60.9  | 62.5  | 61.7  | 63.6  | 62.6  | 62.2  |  |  |
|                                                                                   | B | 168.0   | 163.0 | 135.0 | 119.0 | 108.0 | 96.6  | 93.5  | 82.2  | 72.5  | 64.7  | 168.0   | 161.0 | 135.0 | 120.0 | 109.0 | 95.8  | 93.9  | 82.5  | 72.8  | 64.6  |  |  |
| 160                                                                               | - | 54.2    | 55.7  | 56.4  | 58.1  | 57.8  | 60.0  | 58.9  | 60.6  | 59.7  | 59.9  | 54.5    | 55.5  | 56.0  | 58.0  | 57.5  | 59.0  | 58.4  | 60.2  | 59.2  | 59.1  |  |  |
|                                                                                   | B | 165.0   | 160.0 | 132.0 | 117.0 | 106.0 | 94.9  | 91.6  | 80.8  | 71.1  | 63.6  | 166.0   | 158.0 | 133.0 | 118.0 | 107.0 | 94.1  | 92.1  | 81.1  | 71.4  | 63.7  |  |  |
| 165                                                                               | - | 50.7    | 52.3  | 52.8  | 54.7  | 54.2  | 56.5  | 55.6  | 57.2  | 56.5  | 56.8  | 51.2    | 51.9  | 52.6  | 54.5  | 54.1  | 55.5  | 55.2  | 57.0  | 56.1  | 56.0  |  |  |
|                                                                                   | B | 162.0   | 158.0 | 130.0 | 115.0 | 104.0 | 93.2  | 89.6  | 79.3  | 69.8  | 62.6  | 163.0   | 157.0 | 131.0 | 116.0 | 105.0 | 92.5  | 90.3  | 79.7  | 70.1  | 62.7  |  |  |
| 170                                                                               | - | 47.5    | 48.9  | 49.5  | 51.3  | 51.1  | 53.1  | 52.4  | 54.0  | 53.6  | 53.9  | 47.8    | 48.7  | 49.2  | 51.2  | 50.8  | 52.1  | 52.1  | 53.8  | 53.1  | 53.1  |  |  |
|                                                                                   | B | 159.0   | 155.0 | 128.0 | 114.0 | 102.0 | 91.6  | 87.7  | 77.9  | 68.4  | 61.6  | 161.0   | 155.0 | 128.0 | 114.0 | 103.0 | 90.8  | 88.5  | 78.3  | 68.7  | 61.8  |  |  |
| 175                                                                               | - | 44.5    | 45.9  | 46.5  | 48.2  | 48.0  | 50.1  | 49.3  | 50.8  | 50.6  | 51.1  | 44.8    | 45.4  | 46.1  | 47.9  | 47.8  | 49.0  | 49.1  | 50.7  | 50.2  | 50.4  |  |  |
|                                                                                   | B | 156.0   | 153.0 | 125.0 | 112.0 | 100.0 | 90.2  | 86.0  | 76.5  | 67.1  | 60.5  | 158.0   | 153.0 | 126.0 | 113.0 | 101.0 | 89.4  | 86.8  | 76.9  | 67.5  | 60.8  |  |  |
| 180                                                                               | - | 41.5    | 43.0  | 43.5  | 45.3  | 45.0  | 47.1  | 46.5  | 47.9  | 47.7  | 48.5  | 41.9    | 42.6  | 43.2  | 45.1  | 44.7  | 46.1  | 46.3  | 47.7  | 47.5  | 47.7  |  |  |
|                                                                                   | B | 153.0   | 150.0 | 123.0 | 110.0 | 98.5  | 88.7  | 84.4  | 75.2  | 65.8  | 59.3  | 154.0   | 150.0 | 124.0 | 111.0 | 99.2  | 88.0  | 85.2  | 75.6  | 66.2  | 59.9  |  |  |
| 185                                                                               | - | 38.9    | 40.2  | 40.9  | 42.5  | 42.4  | 44.3  | 43.7  | 45.2  | 45.0  | 45.9  | 39.1    | 39.8  | 40.3  | 42.2  | 42.0  | 43.2  | 43.5  | 45.0  | 44.9  | 45.3  |  |  |
|                                                                                   | B | 149.0   | 147.0 | 121.0 | 109.0 | 96.8  | 87.3  | 82.8  | 73.9  | 64.6  | 58.1  | 150.0   | 148.0 | 122.0 | 110.0 | 97.6  | 86.6  | 83.6  | 74.3  | 65.0  | 59.0  |  |  |
| 190                                                                               | - | 36.3    | 37.7  | 38.2  | 39.9  | 39.7  | 41.7  | 41.1  | 42.5  | 42.5  | 43.4  | 36.6    | 37.2  | 37.8  | 39.5  | 39.4  |       |       |       |       |       |  |  |

**SL4 335 - 345**LR 1500 101





|  |   | SL4 354 |       |       |       |       |       |       |       |       |       | SL4 364 |       |       |       |       |       |       |      |       |       |
|-----------------------------------------------------------------------------------|---|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|------|-------|-------|
|                                                                                   |   | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |      | F 118 | F 138 |
|                                                                                   |   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°  | 15°   | 15°   |
| 55                                                                                | - | 182.0   |       |       |       |       |       |       |       |       |       | 177.0   |       |       |       |       |       |       |      |       |       |
|                                                                                   | B | 182.0   |       |       |       |       |       |       |       |       |       | 177.0   |       |       |       |       |       |       |      |       |       |
| 60                                                                                | - | 182.0   | 179.0 |       |       |       |       |       |       |       |       | 177.0   | 174.0 |       |       |       |       |       |      |       |       |
|                                                                                   | B | 182.0   | 179.0 |       |       |       |       |       |       |       |       | 177.0   | 174.0 |       |       |       |       |       |      |       |       |
| 65                                                                                | - | 182.0   | 179.0 | 152.0 |       |       |       |       |       |       |       | 177.0   | 173.0 | 148.0 |       |       |       |       |      |       |       |
|                                                                                   | B | 182.0   | 179.0 | 152.0 |       |       |       |       |       |       |       | 177.0   | 173.0 | 148.0 |       |       |       |       |      |       |       |
| 70                                                                                | - | 174.0   | 175.0 | 152.0 | 140.0 | 129.0 |       |       |       |       |       | 172.0   | 172.0 | 148.0 | 136.0 | 126.0 |       |       |      |       |       |
|                                                                                   | B | 182.0   | 178.0 | 152.0 | 140.0 | 129.0 |       |       |       |       |       | 177.0   | 172.0 | 148.0 | 136.0 | 126.0 |       |       |      |       |       |
| 75                                                                                | - | 161.0   | 163.0 | 152.0 | 139.0 | 129.0 | 116.0 | 110.0 |       |       |       | 160.0   | 162.0 | 148.0 | 136.0 | 126.0 | 114.0 | 108.0 |      |       |       |
|                                                                                   | B | 182.0   | 177.0 | 152.0 | 139.0 | 129.0 | 116.0 | 110.0 |       |       |       | 177.0   | 172.0 | 148.0 | 136.0 | 126.0 | 114.0 | 108.0 |      |       |       |
| 80                                                                                | - | 149.0   | 151.0 | 149.0 | 139.0 | 130.0 | 116.0 | 110.0 | 102.0 |       |       | 149.0   | 151.0 | 147.0 | 136.0 | 126.0 | 113.0 | 108.0 | 99.2 |       |       |
|                                                                                   | B | 182.0   | 176.0 | 152.0 | 139.0 | 130.0 | 116.0 | 110.0 | 102.0 |       |       | 177.0   | 171.0 | 147.0 | 136.0 | 126.0 | 113.0 | 108.0 | 99.2 |       |       |
| 85                                                                                | - | 139.0   | 141.0 | 140.0 | 138.0 | 129.0 | 115.0 | 110.0 | 101.0 | 88.5  | 75.7  | 138.0   | 140.0 | 140.0 | 135.0 | 126.0 | 113.0 | 107.0 | 98.6 | 86.8  | 74.4  |
|                                                                                   | B | 181.0   | 175.0 | 151.0 | 138.0 | 129.0 | 115.0 | 110.0 | 101.0 | 88.5  | 75.7  | 176.0   | 170.0 | 147.0 | 135.0 | 126.0 | 113.0 | 107.0 | 98.6 | 86.8  | 74.4  |
| 90                                                                                | - | 129.0   | 131.0 | 131.0 | 133.0 | 127.0 | 114.0 | 109.0 | 100.0 | 87.9  | 75.0  | 129.0   | 130.0 | 131.0 | 132.0 | 125.0 | 112.0 | 107.0 | 97.9 | 86.2  | 73.8  |
|                                                                                   | B | 181.0   | 174.0 | 150.0 | 137.0 | 128.0 | 114.0 | 109.0 | 100.0 | 87.9  | 75.0  | 175.0   | 169.0 | 146.0 | 134.0 | 125.0 | 112.0 | 107.0 | 97.9 | 86.2  | 73.8  |
| 95                                                                                | - | 121.0   | 122.0 | 122.0 | 124.0 | 122.0 | 113.0 | 108.0 | 99.3  | 87.4  | 74.4  | 120.0   | 122.0 | 122.0 | 124.0 | 121.0 | 111.0 | 106.0 | 97.2 | 85.7  | 73.2  |
|                                                                                   | B | 180.0   | 172.0 | 148.0 | 136.0 | 127.0 | 113.0 | 108.0 | 99.3  | 87.4  | 74.4  | 174.0   | 168.0 | 144.0 | 133.0 | 124.0 | 111.0 | 106.0 | 97.2 | 85.7  | 73.2  |
| 100                                                                               | - | 113.0   | 114.0 | 114.0 | 117.0 | 114.0 | 112.0 | 108.0 | 98.3  | 86.8  | 73.7  | 112.0   | 114.0 | 114.0 | 116.0 | 114.0 | 110.0 | 105.0 | 96.4 | 85.1  | 72.6  |
|                                                                                   | B | 179.0   | 171.0 | 147.0 | 135.0 | 125.0 | 112.0 | 108.0 | 98.3  | 86.8  | 73.7  | 173.0   | 166.0 | 143.0 | 132.0 | 123.0 | 110.0 | 105.0 | 96.4 | 85.1  | 72.6  |
| 105                                                                               | - | 105.0   | 107.0 | 107.0 | 109.0 | 107.0 | 110.0 | 105.0 | 97.3  | 86.2  | 72.9  | 105.0   | 106.0 | 107.0 | 109.0 | 107.0 | 108.0 | 103.0 | 95.5 | 84.5  | 71.9  |
|                                                                                   | B | 178.0   | 170.0 | 146.0 | 134.0 | 124.0 | 111.0 | 107.0 | 97.3  | 86.2  | 72.9  | 172.0   | 165.0 | 142.0 | 131.0 | 121.0 | 109.0 | 104.0 | 95.5 | 84.5  | 71.9  |
| 110                                                                               | - | 98.8    | 100.0 | 101.0 | 103.0 | 101.0 | 104.0 | 100.0 | 96.0  | 85.6  | 72.1  | 98.3    | 99.7  | 100.0 | 102.0 | 100.0 | 104.0 | 99.0  | 94.6 | 83.9  | 71.2  |
|                                                                                   | B | 177.0   | 169.0 | 144.0 | 133.0 | 123.0 | 110.0 | 106.0 | 96.0  | 85.6  | 72.1  | 171.0   | 164.0 | 140.0 | 130.0 | 120.0 | 108.0 | 104.0 | 94.6 | 83.9  | 71.2  |
| 115                                                                               | - | 92.8    | 94.0  | 94.6  | 96.5  | 94.5  | 97.9  | 94.6  | 94.2  | 84.3  | 71.3  | 92.1    | 93.5  | 94.2  | 96.1  | 94.1  | 97.6  | 94.2  | 93.0 | 83.1  | 70.5  |
|                                                                                   | B | 175.0   | 167.0 | 143.0 | 132.0 | 122.0 | 109.0 | 105.0 | 94.3  | 84.3  | 71.3  | 170.0   | 163.0 | 139.0 | 129.0 | 119.0 | 107.0 | 103.0 | 93.5 | 83.1  | 70.5  |
| 120                                                                               | - | 87.1    | 88.3  | 89.0  | 90.7  | 88.9  | 92.0  | 88.9  | 91.5  | 82.7  | 70.4  | 86.4    | 87.8  | 88.6  | 90.3  | 88.4  | 91.8  | 88.5  | 90.6 | 82.0  | 69.7  |
|                                                                                   | B | 173.0   | 165.0 | 141.0 | 131.0 | 121.0 | 108.0 | 104.0 | 92.9  | 82.7  | 70.4  | 168.0   | 161.0 | 138.0 | 128.0 | 117.0 | 106.0 | 102.0 | 92.4 | 82.0  | 69.7  |
| 125                                                                               | - | 81.8    | 83.1  | 83.8  | 85.4  | 83.7  | 86.7  | 83.8  | 86.2  | 81.0  | 69.5  | 81.2    | 82.4  | 83.3  | 85.0  | 83.0  | 86.3  | 83.3  | 85.8 | 80.7  | 68.9  |
|                                                                                   | B | 172.0   | 164.0 | 140.0 | 130.0 | 119.0 | 107.0 | 103.0 | 91.7  | 81.2  | 69.5  | 167.0   | 160.0 | 137.0 | 128.0 | 116.0 | 105.0 | 101.0 | 91.3 | 80.7  | 68.9  |
| 130                                                                               | - | 76.9    | 78.1  | 78.9  | 80.5  | 78.7  | 81.6  | 78.9  | 81.3  | 79.0  | 68.7  | 76.3    | 77.4  | 78.3  | 80.0  | 78.1  | 81.2  | 78.4  | 80.8 | 78.0  | 68.1  |
|                                                                                   | B | 170.0   | 163.0 | 139.0 | 128.0 | 118.0 | 105.0 | 102.0 | 90.2  | 79.8  | 68.7  | 166.0   | 159.0 | 135.0 | 127.0 | 115.0 | 104.0 | 101.0 | 90.1 | 79.6  | 68.1  |
| 135                                                                               | - | 72.4    | 73.4  | 74.3  | 75.8  | 74.0  | 76.8  | 74.4  | 76.6  | 75.2  | 67.8  | 71.6    | 72.8  | 73.7  | 75.2  | 73.5  | 76.5  | 73.9  | 76.2 | 74.7  | 67.3  |
|                                                                                   | B | 167.0   | 161.0 | 137.0 | 127.0 | 116.0 | 104.0 | 101.0 | 88.6  | 78.3  | 67.8  | 164.0   | 158.0 | 134.0 | 126.0 | 114.0 | 103.0 | 100.0 | 88.6 | 78.3  | 67.3  |
| 140                                                                               | - | 68.1    | 69.1  | 69.9  | 71.3  | 69.8  | 72.5  | 70.2  | 72.3  | 71.0  | 66.8  | 67.3    | 68.5  | 69.3  | 70.8  | 69.1  | 72.1  | 69.7  | 71.9 | 70.5  | 66.3  |
|                                                                                   | B | 164.0   | 159.0 | 136.0 | 126.0 | 115.0 | 102.0 | 99.4  | 87.0  | 76.9  | 66.8  | 162.0   | 156.0 | 133.0 | 125.0 | 113.0 | 102.0 | 98.9  | 87.1 | 76.9  | 66.4  |
| 145                                                                               | - | 64.0    | 65.1  | 65.9  | 67.2  | 65.7  | 68.4  | 66.3  | 68.3  | 67.1  | 65.6  | 63.3    | 64.3  | 65.2  | 66.6  | 65.1  | 67.9  | 65.7  | 67.8 | 66.6  | 65.1  |
|                                                                                   | B | 161.0   | 157.0 | 134.0 | 124.0 | 113.0 | 100.0 | 97.6  | 85.5  | 75.5  | 65.8  | 159.0   | 154.0 | 132.0 | 124.0 | 112.0 | 101.0 | 97.6  | 85.7 | 75.5  | 65.4  |
| 150                                                                               | - | 60.1    | 61.1  | 62.0  | 63.3  | 61.9  | 64.5  | 62.5  | 64.5  | 63.4  | 64.6  | 59.5    | 60.5  | 61.4  | 62.7  | 61.3  | 64.1  | 62.0  | 64.1 | 62.9  | 62.3  |
|                                                                                   | B | 158.0   | 154.0 | 132.0 | 122.0 | 111.0 | 98.9  | 95.8  | 84.0  | 74.2  | 64.9  | 157.0   | 152.0 | 129.0 | 123.0 | 111.0 | 99.3  | 95.9  | 84.3 | 74.2  | 64.6  |
| 155                                                                               | - | 56.4    | 57.2  | 58.4  | 59.6  | 58.4  | 60.9  | 59.1  | 61.0  | 59.9  | 61.3  | 55.9    | 56.8  | 57.8  | 59.0  | 57.7  | 60.5  | 58.5  | 60.5 | 59.4  | 59.3  |
|                                                                                   | B | 156.0   | 152.0 | 129.0 | 120.0 | 109.0 | 97.4  | 94.0  | 82.7  | 72.8  | 63.9  | 154.0   | 149.0 | 128.0 | 121.0 | 109.0 | 97.8  | 94.2  | 83.0 | 73.0  | 63.7  |
| 160                                                                               | - | 52.7    | 53.6  | 54.8  | 56.0  | 55.1  | 57.5  | 55.8  | 57.6  | 56.6  | 58.0  | 52.4    | 53.3  | 54.4  | 55.6  | 54.3  | 57.0  | 55.2  | 57.1 | 56.1  | 56.0  |
|                                                                                   | B | 153.0   | 149.0 | 127.0 | 118.0 | 107.0 | 95.8  | 92.2  | 81.3  | 71.5  | 63.0  | 151.0   | 147.0 | 126.0 | 119.0 | 107.0 | 96.3  | 92.6  | 81.7 | 71.7  | 62.8  |
| 165                                                                               | - | 49.2    | 50.0  | 51.5  | 52.5  | 51.9  | 54.3  | 52.7  | 54.5  | 53.6  | 55.0  | 48.8    | 49.8  | 51.1  | 52.3  | 51.2  | 53.8  | 52.1  | 54.0 | 53.0  | 53.1  |
|                                                                                   | B | 150.0   | 146.0 | 125.0 | 116.0 | 105.0 | 94.2  | 90.5  | 79.9  | 70.2  | 62.2  | 149.0   | 145.0 | 124.0 | 117.0 | 106.0 | 94.8  | 90.9  | 80.3 | 70.5  | 62.0  |
| 170                                                                               | - | 46.1    | 46.8  | 48.2  | 49.3  | 48.8  | 51.0  | 49.8  | 51.5  | 50.6  | 52.1  | 45.6    | 46.3  | 48.0  | 49.0  | 48.3  | 50.8  | 49.2  | 51.0 | 50.1  | 50.2  |
|                                                                                   | B | 145.0   | 143.0 | 123.0 | 115.0 | 103.0 | 92.7  | 88.8  | 78.5  | 68.9  | 61.3  | 145.0   | 143.0 | 122.0 | 115.0 | 104.0 | 93.2  | 89.2  | 79.0 | 69.3  | 61.1  |
| 175                                                                               | - | 42.9    | 43.7  | 45.0  | 46.2  | 45.9  | 47.9  | 47.0  | 48.6  | 47.9  | 49.3  | 42.6    | 43.4  | 44.9  | 46.0  | 45.4  | 47.8  | 46.4  | 48.1 | 47.3  | 47.5  |
|                                                                                   | B | 142.0   | 140.0 | 122.0 | 113.0 | 101.0 | 91.1  | 87.0  | 77.2  | 67.7  | 60.4  | 142.0   | 139.0 | 120.0 | 114.0 | 102.0 | 91.6  | 87.5  | 77.7 | 68.1  | 60.3  |
| 180                                                                               | - | 40.2    | 40.8  | 42.3  | 43.2  | 43.0  | 45.1  | 44.3  | 45.8  | 45.3  | 46.8  | 39.6    | 40.4  | 41.9  | 42.9  | 42.7  | 44.8  | 43.8  | 45.5 | 44.7  | 44.9  |
|                                                                                   | B | 140.0   | 136.0 | 120.0 | 111.0 | 99.4  | 89.7  | 85.2  | 75.9  | 66.5  | 59.5  | 140.0   | 136.0 | 118.0 | 112.0 | 100.0 | 90.0  | 85.8  | 76.3 | 66.9  | 59.4  |
| 185                                                                               | - | 37.4    | 38.1  | 39.5  | 40.5  | 40.1  | 42.3  | 41.7  | 43.1  | 42.8  | 44.3  | 37.0    | 37.6  | 39.2  | 40.1  | 39.9  | 42.1  | 41.3  | 42.8 | 42.2  | 42.5  |
|                                                                                   | B | 138.0   | 134.0 | 119.0 | 110.0 | 97.6  | 88.3  | 83.7  | 74.7  | 65.2  | 58.6  | 138.0   | 135.0 | 117.0 | 110.0 | 98.4  | 88.8  | 84.3  | 75.0 | 65.7  | 58.6  |
| 190                                                                               | - | 34.9    | 35.5  | 36.9  | 37.8  | 37.7  | 39.6  | 39.1  | 40.5  | 40.3  | 42.0  | 34.4    | 35.1  | 36.5  | 37.5  | 37.2  | 39.5  | 38.8  | 40.2 |       |       |



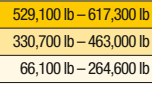
286,600 lb –  
374,800 lb



529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb

| ft  |   | SL4 354 |       |      |      |      |      |      |      |       |       | SL4 364 |       |      |      |      |      |      |      |       |       |
|-----|---|---------|-------|------|------|------|------|------|------|-------|-------|---------|-------|------|------|------|------|------|------|-------|-------|
|     |   | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 245 | - | 15.4    | 15.7  | 16.9 | 17.4 | 17.4 | 18.7 | 18.6 | 19.4 | 19.5  | 21.0  | 14.7    | 15.1  | 16.3 | 16.8 | 16.8 | 18.2 | 18.1 | 19.0 | 19.0  | 19.9  |
|     | B | 114.0   | 112.0 | 96.8 | 92.1 | 81.3 | 75.1 | 69.0 | 62.4 | 53.7  | 48.9  | 115.0   | 113.0 | 98.4 | 94.1 | 82.5 | 75.9 | 69.9 | 63.3 | 54.4  | 49.3  |
|     | - | 14.2    | 14.5  | 15.6 | 16.1 | 16.1 | 17.5 | 17.3 | 18.2 | 18.2  | 19.8  | 13.5    | 13.9  | 15.1 | 15.6 | 15.6 | 17.0 | 16.9 | 17.7 | 17.8  | 18.6  |
| 250 | - | 113.0   | 111.0 | 95.0 | 91.1 | 80.1 | 74.2 | 68.0 | 61.6 | 52.9  | 48.1  | 114.0   | 112.0 | 97.3 | 92.6 | 81.3 | 75.0 | 68.9 | 62.5 | 53.6  | 48.6  |
|     | B | 13.0    | 13.4  | 14.5 | 14.9 | 15.0 | 16.2 | 16.2 | 16.9 | 17.0  | 18.6  | 12.3    | 12.7  | 13.8 | 14.4 | 14.4 | 15.8 | 15.6 | 16.5 | 16.5  | 17.4  |
|     | - | 112.0   | 110.0 | 93.8 | 90.0 | 79.1 | 73.3 | 67.0 | 60.8 | 52.2  | 47.3  | 112.0   | 111.0 | 96.3 | 91.7 | 80.2 | 74.1 | 67.9 | 61.7 | 52.9  | 47.9  |
| 255 | - | 12.0    | 12.3  | 13.3 | 13.8 | 13.9 | 15.1 | 15.0 | 15.8 | 15.9  | 17.4  | 11.1    | 11.5  | 12.7 | 13.2 | 13.2 | 14.6 | 14.5 | 15.3 | 15.4  | 16.2  |
|     | B | 111.0   | 109.0 | 92.7 | 88.9 | 78.1 | 72.5 | 66.1 | 60.0 | 51.5  | 46.6  | 110.0   | 109.0 | 95.2 | 90.8 | 79.2 | 73.3 | 66.9 | 60.9 | 52.2  | 47.2  |
| 260 | - | 10.9    | 11.2  | 12.3 | 12.7 | 12.8 | 14.0 | 14.0 | 14.7 | 14.7  | 16.3  | 9.8     | 10.2  | 11.6 | 12.1 | 12.1 | 13.5 | 13.4 | 14.2 | 14.3  | 15.1  |
|     | B | 110.0   | 108.0 | 91.7 | 87.7 | 77.2 | 71.8 | 65.2 | 59.3 | 50.7  | 45.9  | 109.0   | 108.0 | 94.0 | 89.9 | 78.3 | 72.5 | 66.0 | 60.1 | 51.4  | 46.4  |
| 265 | - | 9.8     | 10.1  | 11.3 | 11.7 | 11.7 | 12.9 | 12.9 | 13.6 | 13.7  | 15.2  | 8.5     | 8.9   | 10.4 | 11.0 | 10.9 | 12.4 | 12.3 | 13.1 | 13.2  | 14.0  |
|     | B | 108.0   | 107.0 | 90.9 | 85.9 | 76.2 | 71.0 | 64.3 | 58.6 | 50.1  | 45.2  | 107.0   | 106.0 | 92.4 | 89.0 | 77.3 | 71.7 | 65.1 | 59.4 | 50.7  | 45.8  |
| 270 | - | 8.6     | 9.0   | 10.2 | 10.6 | 10.7 | 11.9 | 11.9 | 12.6 | 12.7  | 14.2  | 7.3     | 7.6   | 9.2  | 9.7  | 9.7  | 11.3 | 11.2 | 12.0 | 12.1  | 12.9  |
|     | B | 106.0   | 105.0 | 90.0 | 85.2 | 75.2 | 70.2 | 63.4 | 58.0 | 49.4  | 44.5  | 105.0   | 104.0 | 91.5 | 87.8 | 76.4 | 70.9 | 64.3 | 58.7 | 50.0  | 45.2  |
| 275 | - |         |       | 9.1  | 9.6  | 9.6  | 10.9 | 10.9 | 11.6 | 11.7  | 13.2  | 6.1     | 6.4   |      | 8.5  | 8.5  | 10.1 | 10.1 | 11.0 | 10.9  | 11.9  |
|     | B | 104.0   | 103.0 | 89.1 | 84.5 | 74.4 | 69.3 | 62.6 | 57.3 | 48.7  | 43.9  | 102.0   | 102.0 | 90.7 | 86.9 | 75.5 | 70.1 | 63.5 | 58.0 | 49.3  | 44.5  |
| 280 | - |         |       | 8.0  | 8.5  | 8.4  | 9.9  | 9.9  | 10.6 | 10.6  | 12.3  |         |       |      | 7.4  | 8.9  | 9.0  | 9.9  |      |       | 10.8  |
|     | B | 101.0   | 101.0 | 88.1 | 83.8 | 73.6 | 68.7 | 61.7 | 56.7 | 48.1  | 43.2  | 99.9    | 100.0 | 90.0 | 86.4 | 74.5 | 69.3 | 62.7 | 57.3 | 48.6  | 43.9  |
| 285 | - |         |       | 6.9  | 7.4  |      | 8.8  | 8.9  | 9.6  | 9.6   | 11.3  |         |       |      | 6.2  | 7.8  | 7.8  | 8.7  |      |       | 9.8   |
|     | B | 98.4    | 98.6  | 87.5 | 83.1 | 72.8 | 68.1 | 60.9 | 56.0 | 47.6  | 42.6  | 97.5    | 97.8  | 89.3 | 85.8 | 73.7 | 68.6 | 61.8 | 56.7 | 48.1  | 43.3  |
| 290 | - |         |       |      | 6.3  |      | 7.8  | 7.9  | 8.6  | 8.6   | 10.3  |         |       |      |      | 6.7  | 6.7  | 7.6  |      |       |       |
|     | B | 95.8    | 96.2  | 87.0 | 82.8 | 72.0 | 67.4 | 60.2 | 55.4 | 47.0  | 42.1  | 95.0    | 95.4  | 88.4 | 85.4 | 72.8 | 68.0 | 61.0 | 56.0 | 47.5  | 42.7  |
| 295 | - |         |       |      |      |      | 6.8  |      | 7.6  | 7.6   | 9.4   |         |       |      |      |      | 5.6  | 6.4  |      |       |       |
|     | B | 93.3    | 93.8  | 86.5 | 82.4 | 71.1 | 66.8 | 59.4 | 54.8 | 46.4  | 41.5  | 92.6    | 93.0  | 87.6 | 84.9 | 72.1 | 67.4 | 60.3 | 55.3 | 46.9  | 42.1  |
| 300 | - |         |       |      |      |      | 5.7  |      | 6.6  | 6.6   | 8.4   |         |       |      |      |      |      |      |      |       |       |
|     | B | 90.9    | 91.4  | 86.0 | 82.1 | 69.9 | 66.1 | 58.8 | 54.2 | 45.8  | 40.9  | 90.2    | 90.6  | 86.8 | 84.5 | 71.4 | 66.8 | 59.6 | 54.8 | 46.3  | 41.5  |
| 305 | - |         |       |      |      |      |      |      | 5.6  | 5.6   | 7.4   |         |       |      |      |      |      |      |      |       |       |
|     | B | 88.5    | 89.0  | 85.4 | 81.8 | 69.3 | 65.6 | 58.1 | 53.7 | 45.3  | 40.4  | 87.8    | 88.3  | 86.0 | 84.1 | 70.7 | 66.1 | 58.9 | 54.2 | 45.8  | 41.0  |
| 310 | - |         |       |      |      |      |      |      |      |       | 6.4   |         |       |      |      |      |      |      |      |       |       |
|     | B | 85.9    | 86.5  | 84.6 | 81.3 | 68.7 | 65.0 | 57.4 | 53.2 | 44.8  | 39.8  | 85.4    | 86.0  | 85.0 | 83.7 | 70.0 | 65.5 | 58.2 | 53.7 | 45.2  | 40.4  |
| 315 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 83.0    | 83.6  | 83.1 | 80.0 | 68.1 | 64.5 | 56.8 | 52.6 | 44.3  | 39.3  | 83.1    | 83.6  | 83.9 | 83.1 | 69.3 | 65.0 | 57.6 | 53.2 | 44.7  | 39.9  |
| 320 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       | 81.7 | 78.5 | 67.6 | 64.0 | 56.1 | 52.1 | 43.8  | 38.9  | 80.5    | 81.1  | 81.5 | 81.7 | 68.7 | 64.6 | 56.9 | 52.6 | 44.3  | 39.4  |
| 325 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       | 80.2 | 76.9 | 67.1 | 63.5 | 55.5 | 51.6 | 43.3  | 38.4  | 77.6    | 78.3  | 78.7 | 79.0 | 68.1 | 64.1 | 56.2 | 52.1 | 43.8  | 38.9  |
| 330 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       | 78.2 | 75.4 | 66.6 | 63.0 | 54.9 | 51.2 | 42.8  | 37.9  |         |       | 76.0 | 76.3 | 67.5 | 63.7 | 55.7 | 51.7 | 43.3  | 38.5  |
| 335 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       | 75.9 | 73.6 | 66.0 | 62.5 | 54.4 | 50.7 | 42.3  | 37.5  |         |       | 73.2 | 73.6 | 66.9 | 63.2 | 55.1 | 51.2 | 42.9  | 38.0  |
| 340 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      | 65.5 | 62.1 | 53.8 | 50.3 | 41.9  | 37.0  |         |       | 71.0 | 71.3 | 66.3 | 62.7 | 54.6 | 50.8 | 42.5  | 37.6  |
| 345 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      | 65.0 | 61.7 | 53.3 | 49.9 | 41.5  | 36.6  |         |       | 69.2 | 65.8 | 62.3 | 54.0 | 50.4 | 42.0 | 37.1  |       |
| 350 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      | 64.3 | 61.3 | 52.8 | 49.5 | 41.1  | 36.2  |         |       |      |      | 65.2 | 61.8 | 53.5 | 50.0 | 41.7  | 36.7  |
| 355 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      | 60.9 | 52.4 | 49.1 | 40.7 | 35.8  |       |         |       |      |      | 64.4 | 61.3 | 53.1 | 49.6 | 41.3  | 36.3  |
| 360 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      | 51.9 | 48.8 | 40.3  | 35.4  |         |       |      |      | 63.4 | 60.9 | 52.7 | 49.2 | 40.9  | 35.9  |
| 365 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      | 51.5 | 48.5 | 40.0  | 35.0  |         |       |      |      |      |      | 52.2 | 48.9 | 40.5  | 35.5  |
| 370 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      | 51.0 | 48.2 | 39.6  | 34.6  |         |       |      |      |      |      | 51.8 | 48.5 | 40.1  | 35.1  |
| 375 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      | 50.6 |      | 39.3  | 34.3  |         |       |      |      |      |      | 51.3 | 48.2 | 39.8  | 34.7  |
| 380 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      | 39.0  | 33.9  |         |       |      |      |      |      |      | 47.9 | 39.4  | 34.3  |
| 385 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      | 38.7  | 33.6  |         |       |      |      |      |      |      |      | 39.1  | 34.0  |
| 390 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      | 38.3  | 33.3  |         |       |      |      |      |      |      |      | 38.8  | 33.7  |
| 395 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      | 38.1  | 33.0  |         |       |      |      |      |      |      |      | 38.5  | 33.4  |
| 400 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       | 32.7  |         |       |      |      |      |      |      |      | 38.1  | 33.1  |
| 405 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       | 32.4  |         |       |      |      |      |      |      |      | 37.7  | 32.8  |
| 410 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       | 32.1  |         |       |      |      |      |      |      |      |       | 32.5  |
| 415 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 32.2  |
| 420 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 32.0  |
| 425 | - |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |





|  |   | SL4 374 |       |       |       |       |       |       |      |       |       | SL4 384 |       |       |       |       |       |       |      |       |       |
|-----------------------------------------------------------------------------------|---|---------|-------|-------|-------|-------|-------|-------|------|-------|-------|---------|-------|-------|-------|-------|-------|-------|------|-------|-------|
|                                                                                   |   | F 39    |       | F 59  |       | F 79  |       | F 98  |      | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98  |      | F 118 | F 138 |
|                                                                                   |   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°  | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°  | 15°   | 15°   |
| 60                                                                                | - | 178.0   | 158.0 |       |       |       |       |       |      |       |       | 173.0   |       |       |       |       |       |       |      |       |       |
|                                                                                   | B | 178.0   | 158.0 |       |       |       |       |       |      |       |       | 173.0   |       |       |       |       |       |       |      |       |       |
| 65                                                                                | - | 177.0   | 158.0 | 149.0 |       |       |       |       |      |       |       | 173.0   | 168.0 | 145.0 |       |       |       |       |      |       |       |
|                                                                                   | B | 178.0   | 158.0 | 149.0 |       |       |       |       |      |       |       | 173.0   | 169.0 | 145.0 |       |       |       |       |      |       |       |
| 70                                                                                | - | 167.0   | 158.0 | 149.0 | 136.0 | 126.0 |       |       |      |       |       | 166.0   | 166.0 | 145.0 | 133.0 | 123.0 |       |       |      |       |       |
|                                                                                   | B | 178.0   | 158.0 | 149.0 | 137.0 | 126.0 |       |       |      |       |       | 173.0   | 168.0 | 145.0 | 133.0 | 123.0 |       |       |      |       |       |
| 75                                                                                | - | 154.0   | 155.0 | 149.0 | 136.0 | 126.0 |       | 109.0 |      |       |       | 153.0   | 156.0 | 145.0 | 133.0 | 123.0 |       | 106.0 |      |       |       |
|                                                                                   | B | 178.0   | 158.0 | 149.0 | 136.0 | 127.0 |       | 109.0 |      |       |       | 173.0   | 167.0 | 145.0 | 133.0 | 123.0 |       | 106.0 |      |       |       |
| 80                                                                                | - | 143.0   | 146.0 | 144.0 | 136.0 | 127.0 | 113.0 | 108.0 |      |       |       | 142.0   | 144.0 | 143.0 | 132.0 | 123.0 | 111.0 | 106.0 |      |       |       |
|                                                                                   | B | 178.0   | 158.0 | 148.0 | 136.0 | 127.0 | 113.0 | 108.0 |      |       |       | 172.0   | 167.0 | 144.0 | 132.0 | 123.0 | 111.0 | 106.0 |      |       |       |
| 85                                                                                | - | 132.0   | 135.0 | 134.0 | 135.0 | 126.0 | 112.0 | 108.0 | 98.6 | 79.7  | 74.8  | 132.0   | 134.0 | 134.0 | 132.0 | 123.0 | 110.0 | 105.0 | 96.6 | 85.4  | 73.5  |
|                                                                                   | B | 177.0   | 158.0 | 147.0 | 135.0 | 126.0 | 112.0 | 108.0 | 98.6 | 79.7  | 74.8  | 171.0   | 166.0 | 143.0 | 132.0 | 123.0 | 110.0 | 105.0 | 96.6 | 85.4  | 73.5  |
| 90                                                                                | - | 123.0   | 126.0 | 125.0 | 128.0 | 124.0 | 112.0 | 107.0 | 97.9 | 79.7  | 74.2  | 123.0   | 125.0 | 125.0 | 127.0 | 122.0 | 109.0 | 105.0 | 95.8 | 84.9  | 73.0  |
|                                                                                   | B | 176.0   | 158.0 | 146.0 | 134.0 | 125.0 | 112.0 | 107.0 | 97.9 | 79.7  | 74.2  | 170.0   | 164.0 | 142.0 | 131.0 | 122.0 | 109.0 | 105.0 | 95.8 | 84.9  | 73.0  |
| 95                                                                                | - | 115.0   | 118.0 | 117.0 | 119.0 | 116.0 | 111.0 | 107.0 | 97.2 | 79.7  | 73.5  | 114.0   | 116.0 | 116.0 | 119.0 | 116.0 | 109.0 | 104.0 | 95.0 | 84.3  | 72.3  |
|                                                                                   | B | 175.0   | 158.0 | 145.0 | 133.0 | 124.0 | 111.0 | 107.0 | 97.2 | 79.7  | 73.5  | 169.0   | 163.0 | 141.0 | 130.0 | 121.0 | 109.0 | 104.0 | 95.0 | 84.3  | 72.3  |
| 100                                                                               | - | 107.0   | 110.0 | 109.0 | 111.0 | 109.0 | 110.0 | 106.0 | 96.4 | 79.7  | 72.9  | 106.0   | 108.0 | 109.0 | 111.0 | 109.0 | 108.0 | 104.0 | 94.3 | 83.8  | 71.8  |
|                                                                                   | B | 174.0   | 158.0 | 144.0 | 133.0 | 123.0 | 110.0 | 106.0 | 96.4 | 79.7  | 72.9  | 168.0   | 162.0 | 140.0 | 130.0 | 120.0 | 108.0 | 104.0 | 94.3 | 83.8  | 71.8  |
| 105                                                                               | - | 99.9    | 102.0 | 102.0 | 104.0 | 102.0 | 106.0 | 102.0 | 95.5 | 79.7  | 72.2  | 99.3    | 101.0 | 102.0 | 104.0 | 101.0 | 105.0 | 102.0 | 93.5 | 83.3  | 71.1  |
|                                                                                   | B | 173.0   | 158.0 | 142.0 | 132.0 | 122.0 | 109.0 | 105.0 | 95.5 | 79.7  | 72.2  | 167.0   | 161.0 | 139.0 | 129.0 | 119.0 | 107.0 | 103.0 | 93.5 | 83.3  | 71.1  |
| 110                                                                               | - | 93.4    | 96.0  | 95.5  | 97.6  | 95.4  | 99.2  | 95.5  | 94.7 | 79.7  | 71.5  | 92.7    | 94.3  | 95.1  | 97.1  | 95.1  | 98.8  | 95.0  | 92.6 | 82.7  | 70.5  |
|                                                                                   | B | 172.0   | 158.0 | 141.0 | 131.0 | 121.0 | 108.0 | 104.0 | 94.7 | 79.7  | 71.5  | 166.0   | 160.0 | 137.0 | 128.0 | 118.0 | 106.0 | 102.0 | 92.7 | 82.7  | 70.5  |
| 115                                                                               | - | 87.3    | 89.9  | 89.6  | 91.4  | 89.5  | 93.0  | 89.4  | 92.1 | 79.7  | 70.7  | 86.7    | 88.1  | 89.1  | 91.1  | 89.0  | 92.7  | 89.1  | 90.7 | 82.2  | 69.9  |
|                                                                                   | B | 171.0   | 158.0 | 139.0 | 130.0 | 119.0 | 108.0 | 104.0 | 93.5 | 79.7  | 70.7  | 165.0   | 159.0 | 136.0 | 127.0 | 117.0 | 106.0 | 101.0 | 91.9 | 82.2  | 69.9  |
| 120                                                                               | - | 81.8    | 84.2  | 84.0  | 85.9  | 83.9  | 87.3  | 84.1  | 86.7 | 79.5  | 70.0  | 81.1    | 82.5  | 83.4  | 85.4  | 83.2  | 86.8  | 83.6  | 86.2 | 80.8  | 69.2  |
|                                                                                   | B | 169.0   | 158.0 | 138.0 | 129.0 | 118.0 | 107.0 | 103.0 | 92.5 | 79.7  | 70.0  | 164.0   | 158.0 | 135.0 | 126.0 | 115.0 | 105.0 | 101.0 | 91.2 | 81.1  | 69.2  |
| 125                                                                               | - | 76.6    | 78.9  | 78.8  | 80.6  | 78.6  | 81.8  | 78.9  | 81.5 | 79.2  | 69.2  | 75.8    | 77.2  | 78.3  | 80.1  | 78.1  | 81.4  | 78.4  | 81.1 | 78.0  | 68.4  |
|                                                                                   | B | 167.0   | 158.0 | 137.0 | 128.0 | 117.0 | 106.0 | 102.0 | 91.5 | 79.7  | 69.2  | 162.0   | 156.0 | 134.0 | 126.0 | 114.0 | 104.0 | 99.8  | 90.5 | 80.1  | 68.4  |
| 130                                                                               | - | 71.7    | 74.1  | 74.0  | 75.6  | 73.8  | 76.9  | 74.1  | 76.6 | 76.3  | 68.4  | 71.0    | 72.3  | 73.4  | 75.1  | 73.2  | 76.5  | 73.7  | 76.3 | 74.7  | 67.7  |
|                                                                                   | B | 166.0   | 158.0 | 136.0 | 127.0 | 116.0 | 105.0 | 101.0 | 90.4 | 79.7  | 68.4  | 161.0   | 155.0 | 133.0 | 125.0 | 113.0 | 103.0 | 99.1  | 89.7 | 79.2  | 67.7  |
| 135                                                                               | - | 67.2    | 69.5  | 69.4  | 71.0  | 69.3  | 72.3  | 69.8  | 72.2 | 71.8  | 67.6  | 66.5    | 67.6  | 68.7  | 70.4  | 68.6  | 71.8  | 69.2  | 71.7 | 70.3  | 66.8  |
|                                                                                   | B | 164.0   | 158.0 | 134.0 | 126.0 | 114.0 | 104.0 | 100.0 | 89.0 | 79.7  | 67.6  | 160.0   | 155.0 | 131.0 | 124.0 | 112.0 | 103.0 | 98.3  | 88.7 | 78.3  | 66.9  |
| 140                                                                               | - | 63.0    | 65.2  | 65.0  | 66.6  | 65.0  | 67.9  | 65.6  | 67.9 | 67.8  | 66.1  | 62.1    | 63.4  | 64.5  | 66.0  | 64.4  | 67.5  | 65.1  | 67.4 | 66.2  | 65.7  |
|                                                                                   | B | 162.0   | 157.0 | 133.0 | 125.0 | 113.0 | 103.0 | 99.4  | 87.6 | 78.6  | 66.7  | 158.0   | 154.0 | 130.0 | 123.0 | 111.0 | 102.0 | 97.6  | 87.4 | 77.2  | 66.1  |
| 145                                                                               | - | 59.0    | 61.2  | 61.1  | 62.5  | 61.1  | 63.9  | 61.7  | 63.9 | 63.9  | 63.6  | 58.2    | 59.3  | 60.4  | 61.9  | 60.4  | 63.5  | 61.2  | 63.5 | 62.2  | 62.0  |
|                                                                                   | B | 159.0   | 155.0 | 132.0 | 124.0 | 112.0 | 101.0 | 98.2  | 86.2 | 77.5  | 65.8  | 156.0   | 152.0 | 130.0 | 122.0 | 110.0 | 101.0 | 96.7  | 86.1 | 76.0  | 65.3  |
| 150                                                                               | - | 55.2    | 57.4  | 57.3  | 58.7  | 57.3  | 60.1  | 58.1  | 60.2 | 60.2  | 60.5  | 54.5    | 55.5  | 56.6  | 58.1  | 56.6  | 59.6  | 57.5  | 59.7 | 58.6  | 58.4  |
|                                                                                   | B | 157.0   | 153.0 | 131.0 | 124.0 | 111.0 | 99.8  | 96.6  | 84.8 | 76.2  | 64.9  | 154.0   | 151.0 | 128.0 | 121.0 | 109.0 | 99.7  | 95.6  | 84.8 | 74.7  | 64.5  |
| 155                                                                               | - | 51.8    | 53.8  | 53.7  | 55.1  | 53.8  | 56.5  | 54.6  | 56.7 | 56.8  | 57.0  | 50.9    | 52.0  | 53.1  | 54.4  | 53.2  | 56.0  | 54.1  | 56.2 | 55.2  | 55.1  |
|                                                                                   | B | 154.0   | 151.0 | 129.0 | 122.0 | 110.0 | 98.4  | 94.9  | 83.4 | 75.0  | 64.0  | 152.0   | 149.0 | 127.0 | 121.0 | 108.0 | 98.4  | 94.4  | 83.6 | 73.5  | 63.7  |
| 160                                                                               | - | 48.5    | 50.4  | 50.4  | 51.7  | 50.6  | 53.2  | 51.5  | 53.4 | 53.6  | 53.9  | 47.5    | 48.6  | 49.7  | 51.1  | 49.8  | 52.7  | 50.8  | 52.9 | 51.9  | 52.0  |
|                                                                                   | B | 152.0   | 149.0 | 127.0 | 120.0 | 108.0 | 96.9  | 93.2  | 82.1 | 73.7  | 63.2  | 150.0   | 146.0 | 125.0 | 119.0 | 107.0 | 97.1  | 93.1  | 82.3 | 72.3  | 62.9  |
| 165                                                                               | - | 45.3    | 47.2  | 47.3  | 48.5  | 47.5  | 50.1  | 48.4  | 50.3 | 50.6  | 50.9  | 44.5    | 45.4  | 46.5  | 47.9  | 46.7  | 49.5  | 47.8  | 49.7 | 48.9  | 49.0  |
|                                                                                   | B | 150.0   | 146.0 | 125.0 | 118.0 | 107.0 | 95.4  | 91.6  | 80.8 | 72.5  | 62.4  | 148.0   | 144.0 | 123.0 | 118.0 | 105.0 | 95.8  | 91.9  | 81.0 | 71.1  | 62.1  |
| 170                                                                               | - | 42.1    | 43.9  | 44.3  | 45.5  | 44.5  | 47.1  | 45.5  | 47.3 | 47.7  | 48.1  | 41.5    | 42.4  | 43.6  | 44.8  | 43.8  | 46.5  | 44.9  | 46.8 | 46.0  | 46.2  |
|                                                                                   | B | 148.0   | 144.0 | 123.0 | 116.0 | 105.0 | 93.9  | 90.0  | 79.5 | 71.3  | 61.6  | 146.0   | 142.0 | 122.0 | 116.0 | 104.0 | 94.4  | 90.4  | 79.8 | 69.9  | 61.3  |
| 175                                                                               | - | 39.2    | 40.8  | 41.5  | 42.6  | 41.8  | 44.2  | 42.8  | 44.6 | 44.9  | 45.4  | 38.6    | 39.4  | 40.8  | 41.9  | 41.0  | 43.6  | 42.1  | 44.0 | 43.3  | 43.5  |
|                                                                                   | B | 145.0   | 142.0 | 122.0 | 115.0 | 103.0 | 92.4  | 88.4  | 78.2 | 70.2  | 60.7  | 144.0   | 140.0 | 120.0 | 115.0 | 102.0 | 92.9  | 88.9  | 78.6 | 68.8  | 60.5  |
| 180                                                                               | - | 36.4    | 38.0  | 38.6  | 39.8  | 39.2  | 41.5  | 40.2  | 41.9 | 42.4  | 42.8  | 35.8    | 36.6  | 38.1  | 39.2  | 38.4  | 40.9  | 39.5  | 41.3 | 40.6  | 41.0  |
|                                                                                   | B | 143.0   | 140.0 | 120.0 | 113.0 | 101.0 | 91.0  | 86.8  | 77.0 | 69.0  | 59.8  | 141.0   | 138.0 | 119.0 | 113.0 | 101.0 | 91.5  | 87.3  | 77.4 | 67.7  | 59.7  |
| 185                                                                               | - | 33.6    | 35.2  | 35.9  | 36.9  | 36.6  | 38.9  | 37.8  | 39.4 | 39.9  | 40.4  | 33.1    | 33.9  | 35.4  | 36.5  | 35.9  | 38.4  | 37.1  | 38.8 | 38.2  | 38.5  |
|                                                                                   | B | 140.0   | 138.0 | 119.0 | 112.0 | 99.6  | 89.6  | 85.1  | 75.7 | 67.9  | 59.0  | 138.0   | 136.0 | 117.0 | 112.0 | 99.6  | 90.1  | 85.7  | 76.1 | 66.6  | 59.0  |
| 190                                                                               | - | 31.1    | 32.6  | 33.4  | 34.4  | 34.1  | 36.4  | 35.5  | 37.1 | 37.6  | 38.1  | 30.5    | 31.2  | 32.9  | 33.8  | 33.5  | 35.9  | 34.8  | 36.4 | 35.8  | 36.3  |
|                                                                                   | B | 137.0   | 136.0 | 117.0 | 110.0 | 97.9  | 88.3  | 83.7  | 74.5 | 66.7  | 58.2  | 137.0   | 134.0 | 116.0 | 1     |       |       |       |      |       |       |



286,600 lb -  
374,800 lb

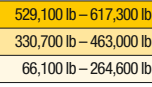


529,100 lb - 617,300 lb

330,700 lb - 463,000 lb

66,100 lb - 264,600 lb

| ft  |   | SL4 374 |       |      |      |      |      |      |      |       |       | SL4 384 |       |      |      |      |      |      |      |       |       |
|-----|---|---------|-------|------|------|------|------|------|------|-------|-------|---------|-------|------|------|------|------|------|------|-------|-------|
|     |   | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39    |       | F 59 |      | F 79 |      | F 98 |      | F 118 | F 138 |
|     |   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°     | 15°   | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   |
| 255 | B | 8.9     | 10.3  | 10.9 | 11.6 | 11.5 | 13.3 | 13.1 | 14.1 | 15.0  | 15.8  |         |       |      |      |      |      |      |      |       |       |
|     | B | 115.0   | 114.0 | 98.0 | 94.2 | 81.4 | 75.0 | 69.0 | 62.5 | 54.9  | 48.5  | 112.0   | 112.0 | 98.4 | 95.0 | 82.5 | 76.1 | 69.9 | 63.1 | 54.0  | 48.9  |
| 260 | B | 7.6     | 8.9   | 9.5  | 10.2 | 10.1 | 12.0 | 11.8 | 12.8 | 13.7  | 14.6  |         |       |      |      |      |      |      |      |       |       |
|     | B | 112.0   | 113.0 | 96.9 | 93.3 | 80.4 | 74.1 | 68.0 | 61.7 | 54.2  | 47.8  | 110.0   | 110.0 | 97.6 | 94.2 | 81.3 | 74.9 | 69.0 | 62.4 | 53.4  | 48.3  |
| 265 | B | 6.3     | 7.6   | 8.2  | 8.9  |      | 10.7 | 10.5 | 11.5 | 12.5  | 13.3  |         |       |      |      |      |      |      |      |       |       |
|     | B | 110.0   | 110.0 | 95.9 | 92.3 | 79.5 | 73.3 | 67.1 | 61.0 | 53.5  | 47.2  | 108.0   | 108.0 | 96.7 | 93.3 | 80.3 | 74.1 | 68.0 | 61.7 | 52.8  | 47.6  |
| 270 | B |         | 6.4   | 7.0  | 7.6  |      |      | 9.3  | 10.3 | 11.4  | 12.1  |         |       |      |      |      |      |      |      |       |       |
|     | B | 107.0   | 107.0 | 95.0 | 91.2 | 78.6 | 72.5 | 66.1 | 60.3 | 52.8  | 46.5  | 105.0   | 106.0 | 95.8 | 92.5 | 79.4 | 73.2 | 66.9 | 60.9 | 52.1  | 46.9  |
| 275 | B |         |       | 6.3  |      |      |      | 9.1  | 10.2 | 11.0  |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 104.0   | 105.0 | 94.2 | 90.3 | 77.6 | 71.8 | 65.2 | 59.5 | 52.1  | 45.9  | 103.0   | 103.0 | 94.9 | 91.5 | 78.5 | 72.5 | 66.0 | 60.2 | 51.4  | 46.3  |
| 280 | B |         |       |      |      |      |      |      |      | 9.0   | 9.9   |         |       |      |      |      |      |      |      |       |       |
|     | B | 102.0   | 102.0 | 93.5 | 89.6 | 76.7 | 71.0 | 64.4 | 58.8 | 51.5  | 45.2  | 100.0   | 101.0 | 94.0 | 90.5 | 77.6 | 71.8 | 65.2 | 59.5 | 50.7  | 45.7  |
| 285 | B |         |       |      |      |      |      |      |      | 7.9   | 8.7   |         |       |      |      |      |      |      |      |       |       |
|     | B | 99.1    | 99.6  | 92.9 | 88.8 | 75.8 | 70.2 | 63.6 | 58.2 | 50.8  | 44.6  | 97.7    | 98.0  | 92.8 | 89.8 | 76.7 | 71.0 | 64.4 | 58.8 | 50.1  | 45.1  |
| 290 | B |         |       |      |      |      |      |      |      |       | 7.6   |         |       |      |      |      |      |      |      |       |       |
|     | B | 96.5    | 97.2  | 92.2 | 88.1 | 74.8 | 69.4 | 62.8 | 57.5 | 50.2  | 44.0  | 95.2    | 95.5  | 91.7 | 89.1 | 75.7 | 70.2 | 63.6 | 58.2 | 49.5  | 44.5  |
| 295 | B |         |       |      |      |      |      |      |      |       | 6.5   |         |       |      |      |      |      |      |      |       |       |
|     | B | 94.0    | 94.7  | 91.4 | 87.4 | 74.0 | 68.7 | 61.9 | 56.8 | 49.6  | 43.4  | 92.7    | 93.0  | 90.6 | 88.5 | 74.9 | 69.5 | 62.8 | 57.5 | 48.8  | 43.9  |
| 300 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 91.5    | 92.4  | 90.1 | 86.6 | 73.2 | 68.1 | 61.1 | 56.2 | 49.0  | 42.8  | 90.1    | 90.5  | 89.4 | 87.7 | 74.1 | 68.8 | 62.0 | 56.8 | 48.3  | 43.3  |
| 305 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 88.9    | 89.9  | 88.7 | 85.6 | 72.4 | 67.6 | 60.4 | 55.5 | 48.4  | 42.2  | 87.6    | 88.0  | 87.7 | 87.0 | 73.3 | 68.3 | 61.2 | 56.1 | 47.7  | 42.7  |
| 310 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 86.3    | 87.4  | 87.0 | 84.6 | 71.6 | 67.0 | 59.7 | 54.8 | 47.8  | 41.7  | 85.0    | 85.5  | 85.6 | 85.2 | 72.6 | 67.7 | 60.6 | 55.5 | 47.1  | 42.2  |
| 315 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 83.4    | 84.6  | 85.1 | 83.5 | 70.9 | 66.4 | 59.0 | 54.3 | 47.2  | 41.1  | 82.5    | 83.0  | 83.3 | 83.3 | 71.8 | 67.1 | 59.9 | 54.9 | 46.6  | 41.7  |
| 320 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 80.4    | 81.5  | 83.2 | 82.4 | 70.2 | 65.9 | 58.4 | 53.8 | 46.6  | 40.6  | 80.0    | 80.5  | 80.6 | 81.1 | 71.0 | 66.5 | 59.2 | 54.4 | 46.0  | 41.2  |
| 325 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 77.4    | 78.5  | 81.2 | 81.1 | 69.6 | 65.4 | 57.7 | 53.3 | 46.1  | 40.0  | 77.4    | 77.9  | 78.0 | 78.7 | 70.3 | 66.0 | 58.6 | 53.9 | 45.4  | 40.7  |
| 330 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 74.5    | 75.4  | 78.9 | 79.7 | 68.9 | 64.9 | 57.1 | 52.8 | 45.6  | 39.5  | 74.8    | 75.3  | 75.5 | 76.3 | 69.6 | 65.5 | 57.9 | 53.4 | 44.9  | 40.1  |
| 335 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B | 72.3    | 73.0  | 76.2 | 77.1 | 68.3 | 64.4 | 56.5 | 52.3 | 45.1  | 39.1  | 72.3    | 72.7  | 72.9 | 74.0 | 69.0 | 65.0 | 57.3 | 52.9 | 44.4  | 39.6  |
| 340 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       | 73.6 | 74.4 | 67.7 | 63.9 | 56.0 | 51.8 | 44.6  | 38.6  | 70.0    | 70.3  | 71.2 | 71.9 | 68.4 | 64.6 | 56.7 | 52.4 | 44.0  | 39.2  |
| 345 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       | 71.0 | 71.7 | 67.0 | 63.4 | 55.4 | 51.4 | 44.1  | 38.1  | 67.9    | 68.2  | 69.4 | 70.0 | 67.7 | 64.1 | 56.1 | 51.9 | 43.5  | 38.7  |
| 350 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       | 68.6 | 69.1 | 66.1 | 62.9 | 54.8 | 50.9 | 43.7  | 37.7  |         |       | 67.7 | 68.2 | 67.0 | 63.5 | 55.5 | 51.5 | 43.1  | 38.3  |
| 355 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       | 66.6 | 67.0 | 65.3 | 62.5 | 54.3 | 50.5 | 43.2  | 37.3  |         |       | 65.9 | 66.3 | 65.8 | 63.0 | 55.0 | 51.1 | 42.6  | 37.9  |
| 360 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      | 64.5 | 62.1 | 53.7 | 50.0 | 42.8  | 36.8  |         |       | 64.2 | 64.5 | 64.4 | 62.3 | 54.4 | 50.7 | 42.2  | 37.4  |
| 365 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      | 63.5 | 61.6 | 53.3 | 49.6 | 42.4  | 36.4  |         |       | 62.7 | 63.0 | 61.5 | 53.8 | 50.3 | 41.8 | 36.9  |       |
| 370 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      | 62.2 | 60.9 | 52.8 | 49.3 | 42.0  | 36.0  |         |       |      |      | 61.6 | 60.8 | 53.4 | 49.8 | 41.4  | 36.5  |
| 375 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      | 59.9 | 52.4 | 49.0 | 41.6 | 35.6  |       |         |       |      |      | 60.1 | 60.1 | 52.9 | 49.5 | 41.1  | 36.1  |
| 380 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      | 51.9 | 48.7 | 41.3  | 35.3  |         |       |      |      | 58.6 | 58.8 | 52.5 | 49.2 | 40.7  | 35.7  |
| 385 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      | 51.5 | 48.3 | 40.9  | 34.9  |         |       |      |      |      |      | 52.0 | 48.9 | 40.4  | 35.4  |
| 390 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      | 51.1 | 48.0 | 40.6  | 34.5  |         |       |      |      |      |      | 51.6 | 48.6 | 40.1  | 35.0  |
| 395 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      | 40.3  | 34.2  |         |       |      |      |      |      | 51.1 | 48.3 | 39.7  | 34.7  |
| 400 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      | 40.0  | 33.9  |         |       |      |      |      |      |      | 47.9 | 39.4  | 34.3  |
| 405 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      | 39.6  | 33.6  |         |       |      |      |      |      |      |      | 39.1  | 34.0  |
| 410 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       | 33.3  |         |       |      |      |      |      |      |      | 38.8  | 33.7  |
| 415 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       | 33.0  |         |       |      |      |      |      |      |      | 38.5  | 33.4  |
| 420 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       | 32.7  |         |       |      |      |      |      |      |      |       | 33.1  |
| 425 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       | 32.3  |         |       |      |      |      |      |      |      |       | 32.8  |
| 430 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       | 32.1  |         |       |      |      |      |      |      |      |       | 32.5  |
| 435 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 31.3  |
| 440 | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       |       |
|     | B |         |       |      |      |      |      |      |      |       |       |         |       |      |      |      |      |      |      |       | 30.5  |



|  |     | SL4 394 |       |       |       |       |       |       |       |       |       | SL4 404 |       |       |       |       |       |      |      |       |  |
|-----------------------------------------------------------------------------------|-----|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|------|------|-------|--|
|                                                                                   |     | F 39    |       | F 59  |       | F 79  |       | F 98  |       | F 118 | F 138 | F 39    |       | F 59  |       | F 79  |       | F 98 |      | F 118 |  |
|                                                                                   |     | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°   | 15°   | 15°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°   | 10°  | 15°  | 15°   |  |
| 60                                                                                | - B | 162.0   |       |       |       |       |       |       |       |       |       | 157.0   |       |       |       |       |       |      |      |       |  |
|                                                                                   | -   | 162.0   |       |       |       |       |       |       |       |       |       | 158.0   |       |       |       |       |       |      |      |       |  |
| 65                                                                                | - B | 162.0   | 157.0 | 136.0 |       |       |       |       |       |       |       | 157.0   | 152.0 |       |       |       |       |      |      |       |  |
|                                                                                   | -   | 162.0   | 157.0 | 136.0 |       |       |       |       |       |       |       | 157.0   | 152.0 |       |       |       |       |      |      |       |  |
| 70                                                                                | - B | 159.0   | 156.0 | 136.0 | 126.0 |       |       |       |       |       |       | 157.0   | 151.0 | 132.0 |       |       |       |      |      |       |  |
|                                                                                   | -   | 162.0   | 156.0 | 136.0 | 126.0 |       |       |       |       |       |       | 157.0   | 151.0 | 132.0 |       |       |       |      |      |       |  |
| 75                                                                                | - B | 149.0   | 152.0 | 136.0 | 125.0 |       | 116.0 |       | 101.0 |       |       | 148.0   | 149.0 | 132.0 | 123.0 | 113.0 |       | 98.2 |      |       |  |
|                                                                                   | -   | 161.0   | 156.0 | 136.0 | 126.0 | 116.0 |       |       | 101.0 |       |       | 156.0   | 151.0 | 132.0 | 123.0 | 113.0 |       | 98.2 |      |       |  |
| 80                                                                                | - B | 138.0   | 141.0 | 135.0 | 125.0 | 116.0 | 106.0 |       | 100.0 |       |       | 137.0   | 141.0 | 131.0 | 122.0 | 113.0 | 103.0 | 97.9 |      |       |  |
|                                                                                   | -   | 161.0   | 155.0 | 136.0 | 125.0 | 116.0 | 106.0 |       | 100.0 |       |       | 156.0   | 150.0 | 131.0 | 122.0 | 113.0 | 103.0 | 97.9 |      |       |  |
| 85                                                                                | - B | 128.0   | 131.0 | 130.0 | 125.0 | 116.0 | 105.0 | 100.0 | 92.2  |       |       | 127.0   | 131.0 | 128.0 | 122.0 | 113.0 | 102.0 | 97.5 | 90.0 |       |  |
|                                                                                   | -   | 160.0   | 154.0 | 135.0 | 125.0 | 116.0 | 105.0 | 100.0 | 92.2  |       |       | 155.0   | 149.0 | 130.0 | 122.0 | 113.0 | 102.0 | 97.5 | 90.0 |       |  |
| 90                                                                                | - B | 119.0   | 122.0 | 121.0 | 122.0 | 115.0 | 104.0 | 99.5  | 91.6  | 79.7  | 70.0  | 118.0   | 122.0 | 121.0 | 120.0 | 112.0 | 102.0 | 97.0 | 89.4 | 79.1  |  |
|                                                                                   | -   | 158.0   | 153.0 | 134.0 | 124.0 | 115.0 | 104.0 | 99.5  | 91.6  | 79.7  | 70.0  | 153.0   | 148.0 | 129.0 | 121.0 | 112.0 | 102.0 | 97.0 | 89.4 | 79.1  |  |
| 95                                                                                | - B | 111.0   | 113.0 | 113.0 | 115.0 | 113.0 | 104.0 | 99.0  | 90.9  | 79.7  | 69.5  | 110.0   | 113.0 | 112.0 | 115.0 | 111.0 | 101.0 | 96.5 | 88.8 | 78.7  |  |
|                                                                                   | -   | 157.0   | 152.0 | 132.0 | 123.0 | 114.0 | 104.0 | 99.0  | 90.9  | 79.7  | 69.5  | 152.0   | 147.0 | 128.0 | 120.0 | 111.0 | 101.0 | 96.5 | 88.8 | 78.7  |  |
| 100                                                                               | - B | 103.0   | 106.0 | 105.0 | 108.0 | 106.0 | 103.0 | 98.4  | 90.2  | 79.7  | 69.0  | 102.0   | 106.0 | 105.0 | 107.0 | 105.0 | 101.0 | 95.9 | 88.2 | 78.2  |  |
|                                                                                   | -   | 156.0   | 151.0 | 131.0 | 122.0 | 113.0 | 103.0 | 98.4  | 90.2  | 79.7  | 69.0  | 151.0   | 146.0 | 127.0 | 119.0 | 110.0 | 101.0 | 95.9 | 88.2 | 78.2  |  |
| 105                                                                               | - B | 96.0    | 98.9  | 98.4  | 100.0 | 98.9  | 101.0 | 96.6  | 89.5  | 79.4  | 68.5  | 95.5    | 98.4  | 97.9  | 100.0 | 98.5  | 100.0 | 94.8 | 87.6 | 77.7  |  |
|                                                                                   | -   | 155.0   | 150.0 | 130.0 | 122.0 | 112.0 | 102.0 | 97.6  | 89.5  | 79.4  | 68.5  | 150.0   | 145.0 | 126.0 | 119.0 | 109.0 | 100.0 | 95.2 | 87.6 | 77.7  |  |
| 110                                                                               | - B | 89.7    | 92.3  | 92.0  | 94.0  | 92.5  | 95.1  | 91.1  | 88.7  | 79.0  | 67.9  | 89.1    | 91.9  | 91.3  | 93.6  | 92.0  | 94.7  | 90.7 | 87.1 | 77.2  |  |
|                                                                                   | -   | 153.0   | 149.0 | 129.0 | 121.0 | 111.0 | 101.0 | 96.8  | 88.7  | 79.0  | 67.9  | 148.0   | 144.0 | 125.0 | 118.0 | 108.0 | 99.1  | 94.6 | 87.1 | 77.2  |  |
| 115                                                                               | - B | 83.8    | 86.4  | 85.8  | 87.9  | 86.4  | 89.0  | 85.5  | 87.2  | 78.5  | 67.4  | 83.0    | 85.9  | 85.3  | 87.3  | 86.0  | 88.5  | 85.0 | 86.3 | 76.8  |  |
|                                                                                   | -   | 152.0   | 148.0 | 127.0 | 120.0 | 110.0 | 100.0 | 96.2  | 87.8  | 78.5  | 67.4  | 147.0   | 143.0 | 124.0 | 117.0 | 107.0 | 98.3  | 94.0 | 86.3 | 76.8  |  |
| 120                                                                               | - B | 78.2    | 80.9  | 80.3  | 82.1  | 81.0  | 83.2  | 80.0  | 82.9  | 77.6  | 66.8  | 77.6    | 80.3  | 79.7  | 81.6  | 80.5  | 82.9  | 79.5 | 82.4 | 76.2  |  |
|                                                                                   | -   | 150.0   | 147.0 | 126.0 | 119.0 | 109.0 | 99.6  | 95.6  | 86.8  | 77.9  | 66.8  | 146.0   | 142.0 | 123.0 | 117.0 | 106.0 | 97.5  | 93.4 | 85.5 | 76.3  |  |
| 125                                                                               | - B | 73.2    | 75.6  | 75.1  | 76.9  | 75.9  | 78.2  | 75.1  | 77.8  | 75.3  | 66.2  | 72.5    | 75.0  | 74.4  | 76.4  | 75.3  | 77.7  | 74.6 | 77.4 | 74.3  |  |
|                                                                                   | -   | 148.0   | 146.0 | 125.0 | 118.0 | 108.0 | 98.9  | 94.8  | 86.2  | 77.3  | 66.2  | 145.0   | 141.0 | 122.0 | 116.0 | 105.0 | 96.8  | 92.7 | 84.8 | 75.6  |  |
| 130                                                                               | - B | 68.4    | 70.8  | 70.2  | 72.0  | 71.1  | 73.3  | 70.5  | 73.1  | 72.4  | 65.6  | 67.6    | 70.2  | 69.7  | 71.4  | 70.6  | 72.8  | 69.9 | 72.6 | 71.5  |  |
|                                                                                   | -   | 147.0   | 144.0 | 124.0 | 118.0 | 107.0 | 98.3  | 94.1  | 85.6  | 76.8  | 65.6  | 143.0   | 139.0 | 121.0 | 115.0 | 104.0 | 96.3  | 92.0 | 84.1 | 75.2  |  |
| 135                                                                               | - B | 63.9    | 66.2  | 65.8  | 67.4  | 66.8  | 68.8  | 66.1  | 68.6  | 68.4  | 64.7  | 63.2    | 65.5  | 65.1  | 66.8  | 66.2  | 68.3  | 65.7 | 68.2 | 68.1  |  |
|                                                                                   | -   | 145.0   | 143.0 | 123.0 | 117.0 | 106.0 | 97.6  | 93.3  | 84.9  | 76.3  | 64.9  | 142.0   | 138.0 | 120.0 | 114.0 | 103.0 | 95.8  | 91.1 | 83.4 | 74.7  |  |
| 140                                                                               | - B | 59.8    | 61.9  | 61.6  | 63.2  | 62.6  | 64.6  | 62.2  | 64.5  | 64.3  | 63.4  | 58.9    | 61.2  | 60.9  | 62.6  | 62.0  | 64.1  | 61.6 | 64.0 | 64.0  |  |
|                                                                                   | -   | 144.0   | 141.0 | 122.0 | 116.0 | 105.0 | 97.0  | 92.6  | 84.2  | 75.7  | 64.2  | 140.0   | 137.0 | 119.0 | 113.0 | 103.0 | 95.3  | 90.5 | 82.6 | 74.2  |  |
| 145                                                                               | - B | 55.8    | 57.9  | 57.6  | 59.2  | 58.7  | 60.6  | 58.3  | 60.6  | 60.6  | 60.7  | 54.9    | 57.2  | 57.0  | 58.5  | 58.2  | 60.1  | 57.8 | 60.1 | 60.2  |  |
|                                                                                   | -   | 142.0   | 139.0 | 121.0 | 115.0 | 104.0 | 96.2  | 91.9  | 83.6  | 75.0  | 63.6  | 139.0   | 136.0 | 119.0 | 112.0 | 101.0 | 94.8  | 89.9 | 82.1 | 73.8  |  |
| 150                                                                               | - B | 52.1    | 54.2  | 54.0  | 55.4  | 55.1  | 56.9  | 54.8  | 57.0  | 57.1  | 57.2  | 51.3    | 53.4  | 53.3  | 54.8  | 54.5  | 56.4  | 54.2 | 56.5 | 56.6  |  |
|                                                                                   | -   | 140.0   | 137.0 | 120.0 | 114.0 | 103.0 | 95.3  | 90.8  | 83.1  | 74.4  | 62.9  | 137.0   | 135.0 | 118.0 | 111.0 | 101.0 | 94.1  | 89.1 | 81.6 | 73.3  |  |
| 155                                                                               | - B | 48.7    | 50.6  | 50.6  | 51.9  | 51.7  | 53.4  | 51.5  | 53.6  | 53.7  | 53.9  | 47.8    | 49.9  | 49.8  | 51.2  | 51.1  | 52.9  | 50.8 | 53.0 | 53.3  |  |
|                                                                                   | -   | 139.0   | 136.0 | 119.0 | 113.0 | 102.0 | 94.7  | 89.8  | 82.3  | 73.8  | 62.2  | 135.0   | 133.0 | 116.0 | 111.0 | 99.9  | 93.3  | 88.3 | 81.0 | 72.8  |  |
| 160                                                                               | - B | 45.4    | 47.3  | 47.3  | 48.6  | 48.5  | 50.1  | 48.3  | 50.3  | 50.6  | 50.8  | 44.5    | 46.6  | 46.5  | 47.9  | 47.9  | 49.6  | 47.7 | 49.8 | 50.1  |  |
|                                                                                   | -   | 137.0   | 134.0 | 117.0 | 112.0 | 101.0 | 94.1  | 88.9  | 81.3  | 73.1  | 61.6  | 134.0   | 131.0 | 115.0 | 110.0 | 99.3  | 92.5  | 87.4 | 80.4 | 72.3  |  |
| 165                                                                               | - B | 42.3    | 44.2  | 44.2  | 45.5  | 45.4  | 47.1  | 45.4  | 47.3  | 47.5  | 47.9  | 41.4    | 43.4  | 43.4  | 44.8  | 44.8  | 46.5  | 44.7 | 46.7 | 47.1  |  |
|                                                                                   | -   | 135.0   | 131.0 | 115.0 | 110.0 | 99.7  | 93.6  | 88.2  | 80.3  | 72.3  | 60.9  | 132.0   | 129.0 | 113.0 | 108.0 | 98.5  | 92.0  | 86.5 | 79.7 | 71.5  |  |
| 170                                                                               | - B | 39.5    | 41.3  | 41.3  | 42.6  | 42.5  | 44.1  | 42.5  | 44.4  | 44.8  | 45.1  | 38.6    | 40.4  | 40.5  | 41.8  | 41.9  | 43.5  | 41.9 | 43.8 | 44.3  |  |
|                                                                                   | -   | 133.0   | 130.0 | 114.0 | 109.0 | 98.2  | 92.7  | 87.3  | 79.2  | 71.2  | 60.1  | 129.0   | 128.0 | 112.0 | 107.0 | 97.1  | 91.6  | 85.6 | 79.0 | 70.7  |  |
| 175                                                                               | - B | 36.7    | 38.5  | 38.5  | 39.8  | 39.8  | 41.3  | 39.8  | 41.7  | 42.1  | 42.5  | 35.8    | 37.8  | 37.8  | 39.0  | 39.2  | 40.7  | 39.2 | 41.1 | 41.6  |  |
|                                                                                   | -   | 130.0   | 128.0 | 112.0 | 108.0 | 96.8  | 91.4  | 86.2  | 78.4  | 70.1  | 59.4  | 128.0   | 126.0 | 110.0 | 106.0 | 95.8  | 90.5  | 84.6 | 78.3 | 69.8  |  |
| 180                                                                               | - B | 34.0    | 35.7  | 36.1  | 37.1  | 37.3  | 38.7  | 37.3  | 39.1  | 39.6  | 40.0  | 33.1    | 35.1  | 35.2  | 36.3  | 36.6  | 38.1  | 36.6 | 38.5 | 39.0  |  |
|                                                                                   | -   | 128.0   | 126.0 | 110.0 | 106.0 | 95.4  | 90.2  | 85.0  | 77.2  | 69.0  | 58.7  | 126.0   | 124.0 | 109.0 | 105.0 | 94.5  | 89.4  | 83.5 | 77.5 | 68.9  |  |
| 185                                                                               | - B | 31.5    | 33.1  | 33.6  | 34.6  | 34.8  | 36.2  | 34.9  | 36.6  | 37.1  | 37.6  | 30.6    | 32.5  | 32.8  | 33.9  | 34.1  | 35.6  | 34.2 | 36.0 | 36.6  |  |
|                                                                                   | -   | 126.0   | 123.0 | 109.0 | 105.0 | 94.0  | 88.9  | 83.9  | 76.1  | 68.0  | 58.0  | 124.0   | 122.0 | 107.0 | 103.0 | 93.1  | 88.4  | 82.4 | 76.4 | 68.1  |  |
| 190                                                                               | - B | 28.9    | 30.6  | 31.1  | 32.2  | 32.6  | 33.8  | 32.6  | 34.3  | 34.8  | 35.3  | 28.2    | 30.1  | 30.4  | 31.5  | 31.8  | 33.2  | 31.9 | 33.7 | 34.3  |  |
|                                                                                   | -   | 124.0   | 121.0 | 107.0 | 102.0 | 92.8  | 87.7  | 82.7  | 74.9  | 67.0  | 57.2  | 123.0   | 120.0 | 106.0 | 102.0 | 91.8  | 87.3  | 81.3 | 75.2 | 67.2  |  |
| 195                                                                               | - B | 26.6    | 28.1  | 28.8  | 29.8  | 30.4  | 31.6  | 30.5  | 32.1  | 32.7  | 33.1  | 25.8    | 27.6  | 28.1  | 29.2  | 29.7  | 30.9  | 29.7 | 31.4 | 32.1  |  |
|                                                                                   | -   | 122.0   | 120.0 | 106.0 | 103.0 | 91.7  | 86.3  | 81.6  | 73.8  | 65.9  | 56.5  | 121.0   | 119.0 | 105.0 | 101.0 | 90.6  | 86.2  | 80.3 | 74.1 | 66.2  |  |
| 200                                                                               | - B | 24.3    | 25.9  | 26.5  | 27.5  | 28.1  | 29.4  | 28.5  | 29.9  | 30.6  | 31.1  | 23.8    | 25.3  | 25.9  | 27.0  | 27.5  | 28.8  | 27.7 | 29.3 | 30.0  |  |
|                                                                                   | -   | 120.0   | 118.0 | 105.0 | 101.0 | 90.6  | 85.2  | 80.4  | 72.6  | 64.9  | 55.8  | 119.0   | 117.0 |       |       |       |       |      |      |       |  |



286,600 lb -  
374,800 lb

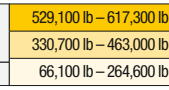


529,100 lb - 617,300 lb

330,700 lb - 463,000 lb

66,100 lb - 264,600 lb

|  | SL4 394 |       |       |      |      |      |      |      |       |       |      | SL4 404 |       |      |      |      |      |      |       |      |      |      |      |      |
|-----------------------------------------------------------------------------------|---------|-------|-------|------|------|------|------|------|-------|-------|------|---------|-------|------|------|------|------|------|-------|------|------|------|------|------|
|                                                                                   | F 39    |       | F 59  |      | F 79 |      | F 98 |      | F 118 | F 138 | F 39 |         | F 59  |      | F 79 |      | F 98 |      | F 118 |      |      |      |      |      |
|                                                                                   | 10°     | 15°   | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   | 15°   | 10°  | 15°     | 10°   | 15°  | 10°  | 15°  | 10°  | 15°  | 15°   |      |      |      |      |      |
| 260                                                                               | B       |       |       | 7.8  | 8.8  | 7.5  | 7.5  | 10.5 | 11.5  | 12.2  |      |         |       |      |      |      | 9.4  | 10.6 |       |      |      |      |      |      |
| 265                                                                               | B       | 103.0 | 101.0 | 88.1 | 85.5 | 77.5 | 74.2 | 68.5 | 62.1  | 54.6  | 48.0 | 102.0   | 101.0 | 88.0 | 86.1 | 77.9 | 74.6 | 69.2 | 62.8  | 55.2 |      |      |      |      |
| 270                                                                               | B       |       |       |      |      | 7.5  | 7.5  | 10.5 | 11.5  | 12.2  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 275                                                                               | B       | 102.0 | 100.0 | 87.3 | 84.6 | 76.5 | 72.8 | 67.6 | 61.4  | 53.9  | 47.4 | 101.0   | 100.0 | 86.8 | 85.1 | 76.8 | 73.9 | 68.1 | 62.0  | 54.5 |      |      |      |      |
| 280                                                                               | B       |       |       |      |      | 6.2  | 6.2  | 9.0  | 9.0   | 9.7   |      |         |       |      |      |      |      |      |       | 7.9  |      |      |      |      |
| 285                                                                               | B       | 100.0 | 99.2  | 86.5 | 83.8 | 75.5 | 71.2 | 66.5 | 60.7  | 53.2  | 46.8 | 99.8    | 99.2  | 85.6 | 84.1 | 75.6 | 73.0 | 67.3 | 61.3  | 53.8 |      |      |      |      |
| 290                                                                               | B       |       |       |      |      | 8.5  | 8.5  | 11.5 | 11.5  | 12.2  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 295                                                                               | B       | 98.4  | 97.8  | 85.6 | 83.0 | 74.5 | 70.4 | 65.7 | 59.9  | 52.5  | 46.1 | 98.3    | 98.1  | 84.8 | 83.1 | 74.6 | 72.0 | 66.4 | 60.6  | 53.2 |      |      |      |      |
| 300                                                                               | B       |       |       |      |      | 7.5  | 7.5  | 10.5 | 10.5  | 11.5  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 305                                                                               | B       | 96.6  | 96.2  | 84.6 | 82.1 | 73.4 | 69.7 | 64.8 | 59.2  | 51.9  | 45.5 | 96.2    | 96.3  | 84.0 | 82.2 | 73.9 | 71.0 | 65.7 | 59.9  | 52.5 |      |      |      |      |
| 310                                                                               | B       |       |       |      |      | 6.2  | 6.2  | 9.0  | 9.0   | 9.7   |      |         |       |      |      |      |      |      |       | 7.9  |      |      |      |      |
| 315                                                                               | B       | 94.8  | 94.6  | 83.5 | 81.2 | 72.5 | 69.0 | 64.1 | 58.4  | 51.2  | 44.9 | 94.0    | 94.2  | 83.2 | 81.5 | 73.2 | 69.9 | 64.9 | 59.0  | 51.9 |      |      |      |      |
| 320                                                                               | B       |       |       |      |      | 8.5  | 8.5  | 11.5 | 11.5  | 12.2  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 325                                                                               | B       | 92.9  | 93.0  | 82.0 | 79.9 | 71.8 | 68.3 | 63.3 | 57.8  | 50.6  | 44.2 | 91.9    | 92.1  | 82.4 | 80.7 | 72.6 | 69.2 | 64.1 | 58.4  | 51.2 |      |      |      |      |
| 330                                                                               | B       |       |       |      |      | 7.5  | 7.5  | 10.5 | 10.5  | 11.5  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 335                                                                               | B       | 90.8  | 91.3  | 81.4 | 79.3 | 71.0 | 67.6 | 62.6 | 57.2  | 50.0  | 43.6 | 89.7    | 89.9  | 81.4 | 79.9 | 71.9 | 68.6 | 63.4 | 57.8  | 50.7 |      |      |      |      |
| 340                                                                               | B       |       |       |      |      | 6.2  | 6.2  | 9.0  | 9.0   | 9.7   |      |         |       |      |      |      |      |      |       | 7.9  |      |      |      |      |
| 345                                                                               | B       | 88.3  | 88.9  | 80.8 | 78.9 | 70.3 | 66.9 | 61.8 | 56.6  | 49.4  | 43.1 | 87.4    | 87.8  | 80.3 | 79.2 | 71.2 | 68.0 | 62.6 | 57.2  | 50.1 |      |      |      |      |
| 350                                                                               | B       |       |       |      |      | 8.5  | 8.5  | 11.5 | 11.5  | 12.2  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 355                                                                               | B       | 85.8  | 86.5  | 80.1 | 78.4 | 69.6 | 65.7 | 61.1 | 56.0  | 48.8  | 42.5 | 84.9    | 85.4  | 79.3 | 78.5 | 70.4 | 67.4 | 61.9 | 56.6  | 49.4 |      |      |      |      |
| 360                                                                               | B       |       |       |      |      | 7.5  | 7.5  | 10.5 | 10.5  | 11.5  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 365                                                                               | B       | 83.0  | 83.7  | 79.3 | 77.9 | 69.0 | 64.9 | 60.4 | 55.5  | 48.3  | 42.0 | 82.4    | 82.9  | 78.3 | 77.7 | 69.1 | 66.7 | 61.2 | 56.1  | 48.9 |      |      |      |      |
| 370                                                                               | B       |       |       |      |      | 6.2  | 6.2  | 9.0  | 9.0   | 9.7   |      |         |       |      |      |      |      |      |       | 7.9  |      |      |      |      |
| 375                                                                               | B       | 80.3  | 80.9  | 78.0 | 77.0 | 68.3 | 64.5 | 59.4 | 54.9  | 47.8  | 41.5 | 79.8    | 80.4  | 77.3 | 77.0 | 68.5 | 65.9 | 60.4 | 55.5  | 48.4 |      |      |      |      |
| 380                                                                               | B       |       |       |      |      | 8.5  | 8.5  | 11.5 | 11.5  | 12.2  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 385                                                                               | B       | 77.7  | 78.3  | 76.8 | 75.9 | 67.6 | 64.0 | 58.8 | 54.4  | 47.2  | 41.0 | 77.2    | 77.8  | 75.8 | 75.9 | 68.0 | 65.3 | 59.7 | 54.9  | 47.8 |      |      |      |      |
| 390                                                                               | B       |       |       |      |      | 7.5  | 7.5  | 10.5 | 10.5  | 11.5  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 395                                                                               | B       | 75.1  | 75.6  | 75.2 | 74.7 | 66.8 | 63.5 | 58.2 | 53.9  | 46.7  | 40.5 | 74.7    | 75.3  | 74.3 | 74.6 | 67.5 | 65.0 | 59.1 | 54.3  | 47.3 |      |      |      |      |
| 400                                                                               | B       |       |       |      |      | 6.2  | 6.2  | 9.0  | 9.0   | 9.7   |      |         |       |      |      |      |      |      |       | 7.9  |      |      |      |      |
| 405                                                                               | B       | 73.2  | 73.5  | 73.6 | 73.3 | 66.3 | 62.8 | 57.7 | 53.3  | 46.1  | 40.0 | 72.3    | 72.9  | 72.7 | 73.2 | 67.0 | 64.6 | 58.5 | 53.8  | 46.8 |      |      |      |      |
| 410                                                                               | B       |       |       |      |      | 8.5  | 8.5  | 11.5 | 11.5  | 12.2  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 415                                                                               | B       | 71.2  | 71.6  | 72.0 | 71.9 | 65.9 | 62.4 | 57.1 | 52.9  | 45.6  | 39.5 | 70.2    | 70.7  | 71.0 | 71.5 | 66.3 | 64.3 | 57.9 | 53.3  | 46.1 |      |      |      |      |
| 420                                                                               | B       |       |       |      |      | 7.5  | 7.5  | 10.5 | 10.5  | 11.5  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 425                                                                               | B       | 69.3  | 69.7  | 70.3 | 70.4 | 65.5 | 62.2 | 56.5 | 52.4  | 45.1  | 39.0 | 68.4    | 68.8  | 69.3 | 69.8 | 65.5 | 63.8 | 57.4 | 52.9  | 45.6 |      |      |      |      |
| 430                                                                               | B       |       |       |      |      | 6.2  | 6.2  | 9.0  | 9.0   | 9.7   |      |         |       |      |      |      |      |      |       | 7.9  |      |      |      |      |
| 435                                                                               | B       | 67.4  | 67.7  | 68.6 | 68.9 | 65.1 | 61.9 | 56.0 | 51.9  | 44.7  | 38.6 | 66.6    | 67.0  | 67.6 | 68.1 | 64.7 | 63.3 | 56.7 | 52.4  | 45.2 |      |      |      |      |
| 440                                                                               | B       |       |       |      |      | 8.5  | 8.5  | 11.5 | 11.5  | 12.2  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
| 445                                                                               | B       | 65.6  | 65.9  | 66.9 | 67.2 | 64.6 | 61.7 | 55.5 | 51.5  | 44.2  | 38.1 | 64.7    | 65.1  | 65.8 | 66.4 | 63.9 | 62.8 | 56.2 | 51.9  | 44.8 |      |      |      |      |
| 450                                                                               | B       |       |       |      |      | 7.5  | 7.5  | 10.5 | 10.5  | 11.5  |      |         |       |      |      |      |      |      |       | 9.2  |      |      |      |      |
|                                                                                   | B       |       | 64.0  | 65.1 | 65.5 | 64.2 | 61.4 | 55.0 | 51.0  | 43.8  | 37.7 | 62.9    | 63.3  | 64.2 | 64.7 | 63.1 | 62.3 | 55.6 | 51.5  | 44.4 |      |      |      |      |
|                                                                                   | B       |       |       |      |      | 63.4 | 63.9 | 63.4 | 61.1  | 54.5  | 50.6 | 43.4    | 37.3  | 61.2 | 61.5 | 62.5 | 63.1 | 62.2 | 61.8  | 55.1 | 51.0 | 44.0 |      |      |
|                                                                                   | B       |       |       |      |      | 61.7 | 62.3 | 62.0 | 60.4  | 54.0  | 50.2 | 43.0    | 36.9  |      |      | 60.9 | 61.4 | 61.3 | 61.2  | 54.6 | 50.7 | 43.5 |      |      |
|                                                                                   | B       |       |       |      |      | 60.0 | 60.7 | 60.5 | 59.5  | 53.6  | 49.8 | 42.6    | 36.5  |      |      | 59.2 | 59.8 | 59.9 | 60.3  | 54.1 | 50.3 | 43.2 |      |      |
|                                                                                   | B       |       |       |      |      |      |      | 59.1 | 58.5  | 53.1  | 49.4 | 42.2    | 36.1  |      |      | 57.6 | 58.2 | 58.4 | 58.8  | 53.6 | 49.9 | 42.8 |      |      |
|                                                                                   | B       |       |       |      |      |      |      | 57.7 | 57.6  | 52.7  | 49.1 | 41.9    | 35.7  |      |      |      |      | 56.6 | 56.9  | 57.3 | 53.1 | 49.6 | 42.4 |      |
|                                                                                   | B       |       |       |      |      |      |      | 56.3 | 56.5  | 52.2  | 48.8 | 41.5    | 35.4  |      |      |      |      |      |       | 55.4 | 55.9 | 52.6 | 49.2 | 42.0 |
|                                                                                   | B       |       |       |      |      |      |      |      |       | 55.2  | 51.8 | 48.5    | 41.2  | 35.0 |      |      |      |      |       | 54.0 | 54.4 | 52.0 | 48.9 | 41.7 |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      |         |       |      |      |      |      |      |       |      |      |      |      |      |
|                                                                                   | B       |       |       |      |      |      |      |      |       |       |      | </      |       |      |      |      |      |      |       |      |      |      |      |      |



|  |   | SL4 413 |       |       |       |       |      |      |      | SL4 423 |       |       |       |       |      | SL4 433 |       |       |       |       |  |
|-----------------------------------------------------------------------------------|---|---------|-------|-------|-------|-------|------|------|------|---------|-------|-------|-------|-------|------|---------|-------|-------|-------|-------|--|
|                                                                                   |   | F 39    |       | F 59  |       | F 79  |      | F 98 |      | F 39    |       | F 59  |       | F 79  |      | F 39    |       | F 59  |       |       |  |
|                                                                                   |   | 10°     | 15°   | 10°   | 15°   | 10°   | 15°  | 10°  | 15°  | 10°     | 15°   | 10°   | 15°   | 10°   | 15°  | 10°     | 15°   | 10°   | 15°   |       |  |
| 60                                                                                | - | 146.0   |       |       |       |       |      |      |      | 142.0   |       |       |       |       |      |         |       |       |       |       |  |
|                                                                                   | B | 146.0   |       |       |       |       |      |      |      | 142.0   |       |       |       |       |      |         |       |       |       |       |  |
| 65                                                                                | - | 146.0   | 141.0 |       |       |       |      |      |      | 141.0   | 137.0 |       |       |       |      |         | 131.0 | 127.0 |       |       |  |
|                                                                                   | B | 146.0   | 141.0 |       |       |       |      |      |      | 141.0   | 137.0 |       |       |       |      |         | 131.0 | 127.0 |       |       |  |
| 70                                                                                | - | 145.0   | 141.0 | 123.0 |       |       |      |      |      | 140.0   | 136.0 | 119.0 |       |       |      |         | 130.0 | 126.0 | 112.0 |       |  |
|                                                                                   | B | 145.0   | 141.0 | 123.0 |       |       |      |      |      | 140.0   | 136.0 | 119.0 |       |       |      |         | 130.0 | 126.0 | 112.0 |       |  |
| 75                                                                                | - | 142.0   | 139.0 | 123.0 | 115.0 | 106.0 |      |      |      | 138.0   | 136.0 | 119.0 | 113.0 | 103.0 |      |         | 128.0 | 126.0 | 111.0 | 105.0 |  |
|                                                                                   | B | 145.0   | 140.0 | 123.0 | 115.0 | 106.0 |      |      |      | 140.0   | 136.0 | 119.0 | 113.0 | 103.0 |      |         | 129.0 | 126.0 | 111.0 | 105.0 |  |
| 80                                                                                | - | 134.0   | 134.0 | 122.0 | 115.0 | 105.0 | 97.5 | 92.4 |      | 132.0   | 132.0 | 118.0 | 112.0 | 102.0 | 95.0 |         | 124.0 | 123.0 | 110.0 | 105.0 |  |
|                                                                                   | B | 143.0   | 139.0 | 122.0 | 115.0 | 105.0 | 97.5 | 92.4 |      | 139.0   | 135.0 | 118.0 | 112.0 | 102.0 | 95.0 |         | 128.0 | 125.0 | 110.0 | 105.0 |  |
| 85                                                                                | - | 124.0   | 126.0 | 119.0 | 114.0 | 105.0 | 96.8 | 92.0 | 85.4 | 124.0   | 126.0 | 116.0 | 111.0 | 102.0 | 94.5 |         | 118.0 | 119.0 | 109.0 | 104.0 |  |
|                                                                                   | B | 142.0   | 139.0 | 121.0 | 114.0 | 105.0 | 96.8 | 92.0 | 85.4 | 138.0   | 134.0 | 117.0 | 111.0 | 102.0 | 94.5 |         | 127.0 | 124.0 | 109.0 | 104.0 |  |
| 90                                                                                | - | 115.0   | 117.0 | 115.0 | 113.0 | 104.0 | 96.1 | 91.7 | 84.8 | 115.0   | 117.0 | 113.0 | 110.0 | 101.0 | 93.9 |         | 111.0 | 112.0 | 107.0 | 103.0 |  |
|                                                                                   | B | 141.0   | 137.0 | 120.0 | 114.0 | 104.0 | 96.1 | 91.7 | 84.8 | 137.0   | 133.0 | 116.0 | 110.0 | 101.0 | 93.9 |         | 126.0 | 123.0 | 109.0 | 103.0 |  |
| 95                                                                                | - | 107.0   | 109.0 | 108.0 | 111.0 | 103.0 | 95.4 | 91.1 | 84.1 | 106.0   | 109.0 | 107.0 | 108.0 | 99.9  | 93.4 |         | 103.0 | 105.0 | 103.0 | 102.0 |  |
|                                                                                   | B | 140.0   | 136.0 | 119.0 | 113.0 | 103.0 | 95.4 | 91.1 | 84.1 | 135.0   | 132.0 | 115.0 | 109.0 | 100.0 | 93.4 |         | 125.0 | 122.0 | 108.0 | 102.0 |  |
| 100                                                                               | - | 99.6    | 101.0 | 101.0 | 104.0 | 99.8  | 95.0 | 90.4 | 83.5 | 99.2    | 101.0 | 99.8  | 103.0 | 98.1  | 92.7 |         | 95.2  | 97.0  | 96.8  | 98.5  |  |
|                                                                                   | B | 139.0   | 135.0 | 118.0 | 112.0 | 103.0 | 95.0 | 90.4 | 83.5 | 134.0   | 131.0 | 114.0 | 109.0 | 99.4  | 92.7 |         | 124.0 | 121.0 | 107.0 | 102.0 |  |
| 105                                                                               | - | 92.8    | 94.4  | 93.5  | 96.9  | 93.9  | 93.7 | 89.6 | 82.8 | 92.2    | 93.9  | 92.7  | 96.4  | 93.4  | 92.0 |         | 88.3  | 90.1  | 90.0  | 92.4  |  |
|                                                                                   | B | 137.0   | 133.0 | 117.0 | 111.0 | 102.0 | 94.4 | 89.6 | 82.8 | 133.0   | 130.0 | 114.0 | 108.0 | 98.7  | 92.0 |         | 122.0 | 120.0 | 106.0 | 101.0 |  |
| 110                                                                               | - | 86.3    | 88.0  | 87.0  | 90.3  | 87.5  | 90.2 | 86.5 | 82.3 | 85.7    | 87.4  | 86.4  | 89.8  | 87.1  | 89.8 |         | 82.1  | 83.6  | 83.9  | 86.0  |  |
|                                                                                   | B | 136.0   | 132.0 | 116.0 | 110.0 | 101.0 | 93.8 | 89.0 | 82.3 | 131.0   | 128.0 | 113.0 | 107.0 | 97.9  | 91.4 |         | 121.0 | 119.0 | 105.0 | 100.0 |  |
| 115                                                                               | - | 80.5    | 82.0  | 81.2  | 84.2  | 81.9  | 84.3 | 80.8 | 81.2 | 79.8    | 81.2  | 80.5  | 83.8  | 81.4  | 83.9 |         | 76.2  | 77.8  | 78.0  | 80.2  |  |
|                                                                                   | B | 135.0   | 130.0 | 116.0 | 110.0 | 99.7  | 93.4 | 88.3 | 81.7 | 130.0   | 127.0 | 112.0 | 106.0 | 97.1  | 91.0 |         | 120.0 | 117.0 | 104.0 | 99.5  |  |
| 120                                                                               | - | 75.0    | 76.4  | 75.7  | 78.8  | 76.5  | 79.0 | 75.6 | 78.2 | 74.1    | 75.7  | 75.0  | 78.3  | 75.9  | 78.5 |         | 70.9  | 72.4  | 72.8  | 74.7  |  |
|                                                                                   | B | 133.0   | 130.0 | 115.0 | 109.0 | 98.9  | 92.9 | 87.8 | 81.2 | 129.0   | 126.0 | 111.0 | 106.0 | 96.3  | 90.5 |         | 118.0 | 116.0 | 103.0 | 99.2  |  |
| 125                                                                               | - | 69.8    | 71.2  | 70.7  | 73.6  | 71.5  | 73.8 | 70.8 | 73.6 | 69.1    | 70.5  | 70.0  | 73.0  | 71.0  | 73.3 |         | 65.9  | 67.3  | 67.9  | 69.8  |  |
|                                                                                   | B | 132.0   | 129.0 | 114.0 | 108.0 | 98.0  | 92.4 | 87.1 | 80.7 | 128.0   | 125.0 | 110.0 | 105.0 | 95.4  | 90.0 |         | 117.0 | 115.0 | 102.0 | 98.4  |  |
| 130                                                                               | - | 65.1    | 66.4  | 66.0  | 68.8  | 66.9  | 69.1 | 66.2 | 68.8 | 64.4    | 65.7  | 65.2  | 68.3  | 66.3  | 68.7 |         | 61.2  | 62.7  | 63.3  | 65.1  |  |
|                                                                                   | B | 130.0   | 128.0 | 113.0 | 107.0 | 97.2  | 91.7 | 86.3 | 80.2 | 127.0   | 123.0 | 109.0 | 104.0 | 94.7  | 89.4 |         | 116.0 | 114.0 | 101.0 | 97.6  |  |
| 135                                                                               | - | 60.7    | 61.9  | 61.5  | 64.4  | 62.5  | 64.7 | 62.1 | 64.6 | 59.9    | 61.2  | 60.8  | 63.8  | 62.0  | 64.2 |         | 57.0  | 58.3  | 59.0  | 60.7  |  |
|                                                                                   | B | 128.0   | 126.0 | 112.0 | 107.0 | 96.4  | 90.9 | 85.7 | 79.7 | 125.0   | 122.0 | 109.0 | 104.0 | 94.0  | 88.8 |         | 115.0 | 113.0 | 100.0 | 96.8  |  |
| 140                                                                               | - | 56.5    | 57.8  | 57.5  | 60.1  | 58.6  | 60.5 | 58.0 | 60.5 | 55.8    | 57.0  | 56.7  | 59.6  | 58.0  | 60.1 |         | 53.0  | 54.2  | 55.0  | 56.7  |  |
|                                                                                   | B | 127.0   | 125.0 | 110.0 | 106.0 | 95.7  | 90.1 | 85.1 | 79.1 | 124.0   | 120.0 | 108.0 | 104.0 | 93.4  | 88.1 |         | 114.0 | 111.0 | 99.6  | 96.0  |  |
| 145                                                                               | - | 52.7    | 53.8  | 53.6  | 56.3  | 54.8  | 56.8 | 54.4 | 56.8 | 51.9    | 53.1  | 52.8  | 55.7  | 54.1  | 56.2 |         | 49.2  | 50.4  | 51.3  | 52.9  |  |
|                                                                                   | B | 126.0   | 124.0 | 109.0 | 105.0 | 95.0  | 89.7 | 84.4 | 78.4 | 122.0   | 119.0 | 106.0 | 103.0 | 93.1  | 87.4 |         | 113.0 | 110.0 | 98.6  | 95.2  |  |
| 150                                                                               | - | 49.0    | 50.1  | 50.0  | 52.6  | 51.2  | 53.1 | 50.9 | 53.2 | 48.2    | 49.4  | 49.3  | 51.9  | 50.6  | 52.5 |         | 45.7  | 46.8  | 47.8  | 49.3  |  |
|                                                                                   | B | 125.0   | 122.0 | 108.0 | 104.0 | 94.1  | 89.1 | 83.7 | 77.7 | 121.0   | 118.0 | 105.0 | 102.0 | 92.2  | 86.8 |         | 112.0 | 109.0 | 97.6  | 94.3  |  |
| 155                                                                               | - | 45.6    | 46.7  | 46.6  | 49.1  | 47.9  | 49.7 | 47.7 | 49.8 | 44.8    | 45.9  | 45.8  | 48.5  | 47.2  | 49.1 |         | 42.3  | 43.4  | 44.4  | 45.9  |  |
|                                                                                   | B | 123.0   | 120.0 | 107.0 | 103.0 | 93.3  | 88.2 | 82.7 | 77.2 | 119.0   | 117.0 | 104.0 | 101.0 | 91.4  | 86.2 |         | 110.0 | 108.0 | 96.6  | 93.3  |  |
| 160                                                                               | - | 42.4    | 43.4  | 43.4  | 45.9  | 44.7  | 46.5 | 44.6 | 46.7 | 41.6    | 42.7  | 42.6  | 45.3  | 44.1  | 45.8 |         | 39.2  | 40.2  | 41.3  | 42.7  |  |
|                                                                                   | B | 121.0   | 119.0 | 105.0 | 102.0 | 92.6  | 87.4 | 81.8 | 76.7 | 117.0   | 115.0 | 103.0 | 99.9  | 90.6  | 85.4 |         | 109.0 | 107.0 | 95.5  | 92.5  |  |
| 165                                                                               | - | 39.4    | 40.4  | 40.4  | 42.8  | 41.7  | 43.4 | 41.6 | 43.7 | 38.6    | 39.6  | 39.6  | 42.2  | 41.1  | 42.8 |         | 36.3  | 37.2  | 38.3  | 39.8  |  |
|                                                                                   | B | 120.0   | 117.0 | 104.0 | 101.0 | 91.8  | 86.7 | 81.3 | 76.2 | 116.0   | 114.0 | 102.0 | 98.9  | 89.7  | 84.8 |         | 107.0 | 106.0 | 94.3  | 91.5  |  |
| 170                                                                               | - | 36.5    | 37.5  | 37.6  | 39.9  | 38.9  | 40.6 | 38.9 | 40.9 | 35.7    | 36.7  | 36.7  | 39.3  | 38.2  | 39.9 |         | 33.4  | 34.4  | 35.6  | 36.9  |  |
|                                                                                   | B | 118.0   | 115.0 | 102.0 | 99.4  | 90.7  | 86.3 | 80.8 | 75.7 | 115.0   | 113.0 | 100.0 | 97.6  | 88.9  | 84.4 |         | 106.0 | 104.0 | 93.1  | 90.5  |  |
| 175                                                                               | - | 34.0    | 34.8  | 34.9  | 37.2  | 36.2  | 37.8 | 36.3 | 38.2 | 33.0    | 33.9  | 34.1  | 36.5  | 35.6  | 37.2 |         | 30.8  | 31.7  | 32.9  | 34.2  |  |
|                                                                                   | B | 116.0   | 113.0 | 101.0 | 98.1  | 89.3  | 85.6 | 80.2 | 75.2 | 114.0   | 112.0 | 98.9  | 96.3  | 87.7  | 84.1 |         | 105.0 | 103.0 | 91.8  | 89.4  |  |
| 180                                                                               | - | 31.4    | 32.3  | 32.3  | 34.6  | 33.7  | 35.2 | 33.8 | 35.7 | 30.5    | 31.4  | 31.5  | 33.9  | 33.0  | 34.6 |         | 28.4  | 29.2  | 30.4  | 31.7  |  |
|                                                                                   | B | 114.0   | 112.0 | 99.0  | 96.8  | 88.1  | 84.6 | 79.1 | 74.7 | 112.0   | 110.0 | 97.5  | 95.2  | 86.5  | 83.2 |         | 104.0 | 102.0 | 90.6  | 88.3  |  |
| 185                                                                               | - | 28.9    | 29.8  | 30.0  | 32.1  | 31.3  | 32.8 | 31.5 | 33.2 | 28.1    | 29.0  | 29.0  | 31.4  | 30.6  | 32.1 |         | 26.0  | 26.9  | 28.1  | 29.2  |  |
|                                                                                   | B | 113.0   | 110.0 | 97.5  | 95.4  | 86.8  | 83.5 | 78.1 | 73.9 | 111.0   | 109.0 | 96.1  | 93.8  | 85.4  | 82.1 |         | 102.0 | 100.0 | 89.3  | 87.2  |  |
| 190                                                                               | - | 26.6    | 27.4  | 27.7  | 29.8  | 29.0  | 30.5 | 29.2 | 30.9 | 25.7    | 26.5  | 26.8  | 29.0  | 28.3  | 29.8 |         | 23.7  | 24.6  | 25.8  | 27.0  |  |
|                                                                                   | B | 110.0   | 109.0 | 96.2  | 94.0  | 85.5  | 82.5 | 77.0 | 72.9 | 109.0   | 107.0 | 94.8  | 92.5  | 84.2  | 81.2 |         | 101.0 | 99.2  | 88.1  | 85.9  |  |
| 195                                                                               | - | 24.4    | 25.2  | 25.5  | 27.6  | 26.9  | 28.2 | 27.1 | 28.8 | 23.6    | 24.3  | 24.6  | 26.9  | 26.1  | 27.5 |         | 21.6  | 22.3  | 23.7  | 24.8  |  |
|                                                                                   | B | 108.0   | 107.0 | 94.7  | 92.7  | 84.2  | 81.5 | 76.0 | 71.8 | 106.0   | 105.0 | 93.6  | 91.3  | 82.9  | 80.2 |         | 99.5  | 97.9  | 86.9  | 84.7  |  |
| 200                                                                               | - | 22.2    | 23.0  | 23.4  | 25.4  | 24.9  | 26.2 | 25.0 | 26.7 | 21.4    | 22.2  | 22.4  | 24.7  | 24.1  | 25.4 |         | 19.6  | 20.3  | 21.7  | 22.8  |  |
|                                                                                   | B | 106.0   | 105.0 | 93.4  | 91.3  | 83.0  | 80.4 | 74.9 | 70.8 | 105.0   | 103.0 | 92.3  | 90.2  | 81.9  | 79.1 |         | 98.0  | 96.6  | 85.7  | 83.7  |  |
| 205                                                                               | - | 20.3    | 21.0  | 21.4  | 23.4  | 22.9  | 24.2 | 23.2 | 24.7 | 19.1    |       |       |       |       |      |         |       |       |       |       |  |





286,600 lb –  
374,800 lb



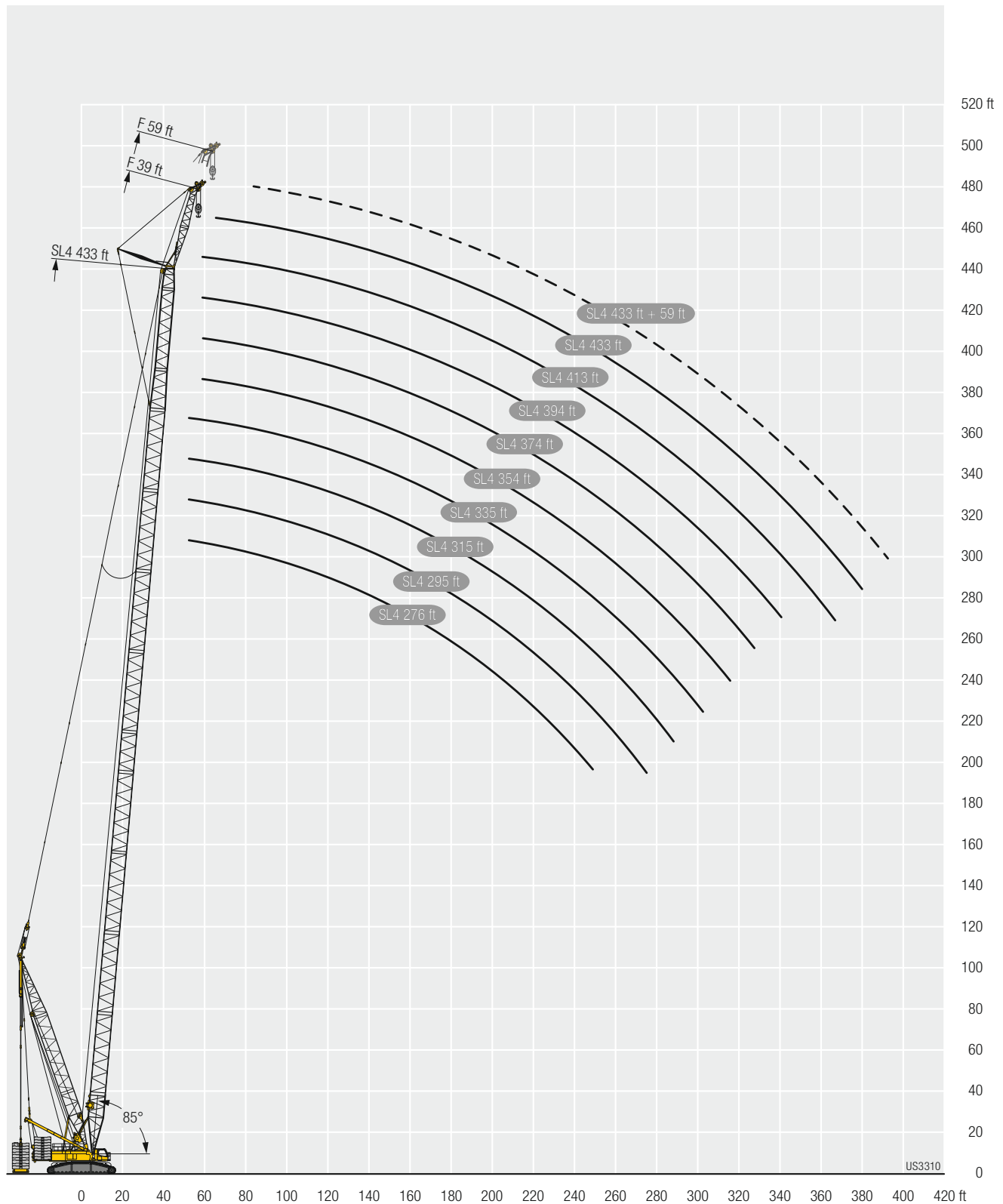
529,100 lb – 617,300 lb  
330,700 lb – 463,000 lb  
66,100 lb – 264,600 lb

| ft  | B | SL4 413 |      |      |      |      |      |      |      | SL4 423 |      |      |      |      |      |      |      | SL4 433 |      |     |     |
|-----|---|---------|------|------|------|------|------|------|------|---------|------|------|------|------|------|------|------|---------|------|-----|-----|
|     |   | F 39    |      | F 59 |      | F 79 |      | F 98 |      | F 39    |      | F 59 |      | F 79 |      | F 39 |      | F 59    |      | 10° | 15° |
|     |   | 10°     | 15°  | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 10°     | 15°  | 10°  | 15°  | 10°  | 15°  | 10°  | 15°  | 10°     | 15°  |     |     |
| 245 | - | 92.4    | 91.2 | 81.4 | 80.7 | 73.5 | 71.5 | 66.0 | 63.9 | 92.9    | 91.3 | 81.4 | 80.0 | 73.2 | 70.8 | 86.1 | 85.3 | 75.9    | 75.0 |     |     |
| 250 | - | 91.1    | 89.9 | 80.3 | 79.1 | 72.6 | 70.7 | 65.2 | 63.2 | 91.4    | 90.2 | 80.5 | 79.1 | 72.4 | 70.0 | 85.1 | 83.8 | 75.1    | 74.1 |     |     |
| 255 | - | 89.8    | 88.7 | 79.2 | 78.2 | 71.5 | 69.9 | 64.4 | 62.5 | 89.8    | 88.7 | 79.6 | 78.2 | 71.7 | 69.5 | 84.0 | 82.8 | 74.3    | 73.0 |     |     |
| 260 | - | 88.5    | 87.5 | 77.8 | 77.1 | 70.0 | 69.0 | 63.6 | 61.7 | 88.2    | 87.2 | 78.7 | 77.4 | 70.3 | 69.0 | 82.8 | 81.7 | 73.4    | 71.9 |     |     |
| 265 | - | 87.2    | 86.4 | 76.4 | 75.9 | 68.5 | 67.9 | 62.8 | 61.0 | 87.2    | 85.9 | 77.1 | 76.4 | 68.7 | 67.8 | 81.6 | 80.6 | 72.5    | 71.2 |     |     |
| 270 | - | 86.0    | 85.3 | 75.2 | 74.6 | 67.7 | 66.7 | 62.0 | 60.2 | 86.3    | 85.1 | 75.6 | 74.9 | 67.9 | 66.3 | 80.4 | 79.5 | 71.3    | 70.3 |     |     |
| 275 | - | 85.0    | 84.0 | 74.4 | 73.3 | 66.9 | 65.4 | 61.3 | 59.5 | 85.4    | 84.3 | 74.7 | 73.7 | 67.0 | 65.6 | 79.4 | 78.4 | 70.0    | 69.2 |     |     |
| 280 | - | 84.0    | 82.8 | 73.6 | 72.5 | 66.1 | 64.5 | 60.4 | 58.8 | 84.4    | 83.4 | 74.0 | 72.9 | 66.0 | 64.8 | 78.6 | 77.5 | 69.3    | 68.0 |     |     |
| 285 | - | 83.3    | 82.0 | 72.8 | 71.8 | 65.4 | 63.8 | 59.3 | 58.0 | 83.4    | 82.4 | 73.3 | 72.3 | 65.0 | 63.9 | 77.7 | 76.7 | 68.7    | 67.3 |     |     |
| 290 | - | 82.6    | 81.2 | 72.0 | 71.1 | 64.6 | 63.1 | 58.1 | 57.0 | 82.0    | 81.4 | 72.5 | 71.6 | 63.9 | 63.0 | 76.8 | 75.8 | 68.0    | 66.7 |     |     |
| 295 | - | 81.8    | 80.4 | 71.1 | 70.3 | 63.9 | 62.5 | 57.0 | 56.0 | 80.5    | 80.0 | 71.7 | 70.9 | 63.3 | 62.1 | 75.8 | 74.9 | 67.3    | 66.1 |     |     |
| 300 | - | 81.1    | 79.6 | 70.0 | 69.5 | 63.2 | 61.8 | 56.4 | 54.9 | 79.0    | 78.6 | 70.9 | 70.2 | 62.7 | 61.3 | 74.7 | 74.0 | 66.6    | 65.5 |     |     |
| 305 | - | 80.3    | 78.8 | 68.9 | 68.5 | 62.5 | 61.2 | 55.8 | 54.0 | 77.6    | 77.3 | 69.4 | 69.4 | 62.1 | 60.8 | 73.7 | 73.1 | 65.8    | 64.7 |     |     |
| 310 | - | 78.7    | 77.6 | 68.4 | 67.6 | 61.8 | 60.6 | 55.2 | 53.5 | 76.1    | 76.0 | 68.9 | 68.1 | 61.4 | 60.2 | 72.6 | 72.1 | 64.8    | 64.0 |     |     |
| 315 | - | 77.0    | 76.1 | 67.8 | 67.1 | 60.3 | 59.8 | 54.6 | 53.0 | 74.5    | 74.6 | 68.3 | 67.5 | 60.8 | 59.7 | 71.5 | 71.2 | 63.8    | 63.0 |     |     |
| 320 | - | 75.1    | 74.5 | 67.3 | 66.6 | 59.6 | 58.5 | 54.0 | 52.5 | 72.8    | 73.0 | 67.8 | 67.0 | 60.0 | 59.1 | 70.2 | 70.2 | 63.3    | 62.3 |     |     |
| 325 | - | 73.0    | 72.7 | 66.6 | 66.1 | 59.0 | 57.9 | 53.1 | 52.0 | 71.2    | 71.3 | 67.2 | 66.5 | 59.3 | 58.4 | 68.8 | 68.9 | 62.8    | 61.8 |     |     |
| 330 | - | 71.0    | 70.9 | 65.8 | 65.4 | 58.5 | 57.4 | 52.1 | 51.3 | 69.4    | 69.6 | 66.5 | 66.0 | 58.5 | 57.7 | 67.3 | 67.5 | 62.3    | 61.4 |     |     |
| 335 | - | 69.0    | 69.1 | 65.1 | 64.7 | 58.0 | 56.9 | 51.6 | 50.4 | 67.7    | 67.9 | 65.5 | 65.1 | 58.1 | 57.1 | 65.8 | 66.0 | 61.7    | 60.9 |     |     |
| 340 | - | 67.0    | 67.3 | 64.4 | 64.1 | 57.2 | 56.4 | 51.1 | 49.9 | 66.0    | 66.1 | 64.4 | 64.2 | 57.6 | 56.5 | 64.2 | 64.5 | 60.8    | 60.2 |     |     |
| 345 | - | 65.3    | 65.6 | 63.8 | 63.6 | 56.5 | 55.6 | 50.7 | 49.5 | 64.2    | 64.4 | 63.3 | 63.2 | 57.1 | 56.1 | 62.6 | 62.9 | 60.0    | 59.4 |     |     |
| 350 | - | 63.5    | 63.9 | 63.1 | 63.0 | 56.1 | 55.1 | 50.2 | 49.1 | 62.5    | 62.8 | 62.1 | 62.1 | 56.6 | 55.7 | 61.1 | 61.4 | 59.1    | 58.6 |     |     |
| 355 | - | 61.8    | 62.2 | 62.3 | 62.3 | 55.7 | 54.8 | 49.6 | 48.7 | 60.8    | 61.2 | 60.9 | 60.9 | 56.1 | 55.3 | 59.5 | 59.8 | 58.2    | 57.8 |     |     |
| 360 | - | 60.1    | 60.5 | 61.0 | 61.4 | 55.3 | 54.5 | 49.1 | 48.2 | 59.1    | 59.5 | 59.7 | 59.8 | 55.7 | 54.9 | 58.0 | 58.3 | 57.3    | 57.0 |     |     |
| 365 | - | 58.4    | 58.9 | 59.5 | 59.9 | 54.9 | 54.1 | 48.5 | 47.8 | 57.4    | 57.9 | 58.4 | 58.6 | 55.4 | 54.6 | 56.4 | 56.7 | 56.3    | 56.1 |     |     |
| 370 | - |         | 57.2 | 58.0 | 58.3 | 54.6 | 53.8 | 48.2 | 47.4 | 55.7    | 56.3 | 57.0 | 57.2 | 54.9 | 54.3 | 54.9 | 55.2 | 55.3    | 55.2 |     |     |
| 375 | - |         |      | 56.5 | 56.8 | 54.0 | 53.4 | 47.9 | 46.9 | 54.1    | 54.7 | 55.5 | 55.7 | 54.5 | 53.9 | 53.4 | 53.7 | 53.9    | 54.1 |     |     |
| 380 | - |         |      | 55.0 | 55.3 | 53.2 | 52.8 | 47.6 | 46.7 |         |      | 54.0 | 54.2 | 54.0 | 53.5 | 51.9 | 52.2 | 52.5    | 52.8 |     |     |
| 385 | - |         |      | 53.5 | 53.8 | 52.4 | 52.1 | 47.3 | 46.4 |         |      | 52.6 | 52.7 | 52.7 | 52.8 |      | 50.6 | 51.1    | 51.5 |     |     |
| 390 | - |         |      |      |      | 51.6 | 51.4 | 47.0 | 46.2 |         |      | 51.1 | 51.2 | 51.4 | 51.6 |      |      | 49.7    | 50.1 |     |     |
| 395 | - |         |      |      |      | 50.8 | 50.8 | 46.7 | 46.0 |         |      | 49.6 | 49.7 | 50.2 | 50.4 |      |      | 48.4    | 48.8 |     |     |
| 400 | - |         |      |      |      | 49.7 | 49.9 | 46.4 | 45.8 |         |      |      |      | 48.9 | 49.2 |      |      | 47.1    | 47.4 |     |     |
| 405 | - |         |      |      |      |      | 48.8 | 46.2 | 45.6 |         |      |      |      | 47.6 | 47.9 |      |      |         |      |     |     |
| 410 | - |         |      |      |      |      |      | 46.0 | 45.4 |         |      |      |      | 46.2 | 46.6 |      |      |         |      |     |     |
| 415 | - |         |      |      |      |      |      | 45.4 | 45.2 |         |      |      |      |      | 45.3 |      |      |         |      |     |     |
| 420 | - |         |      |      |      |      |      | 44.8 | 44.5 |         |      |      |      |      |      |      |      |         |      |     |     |



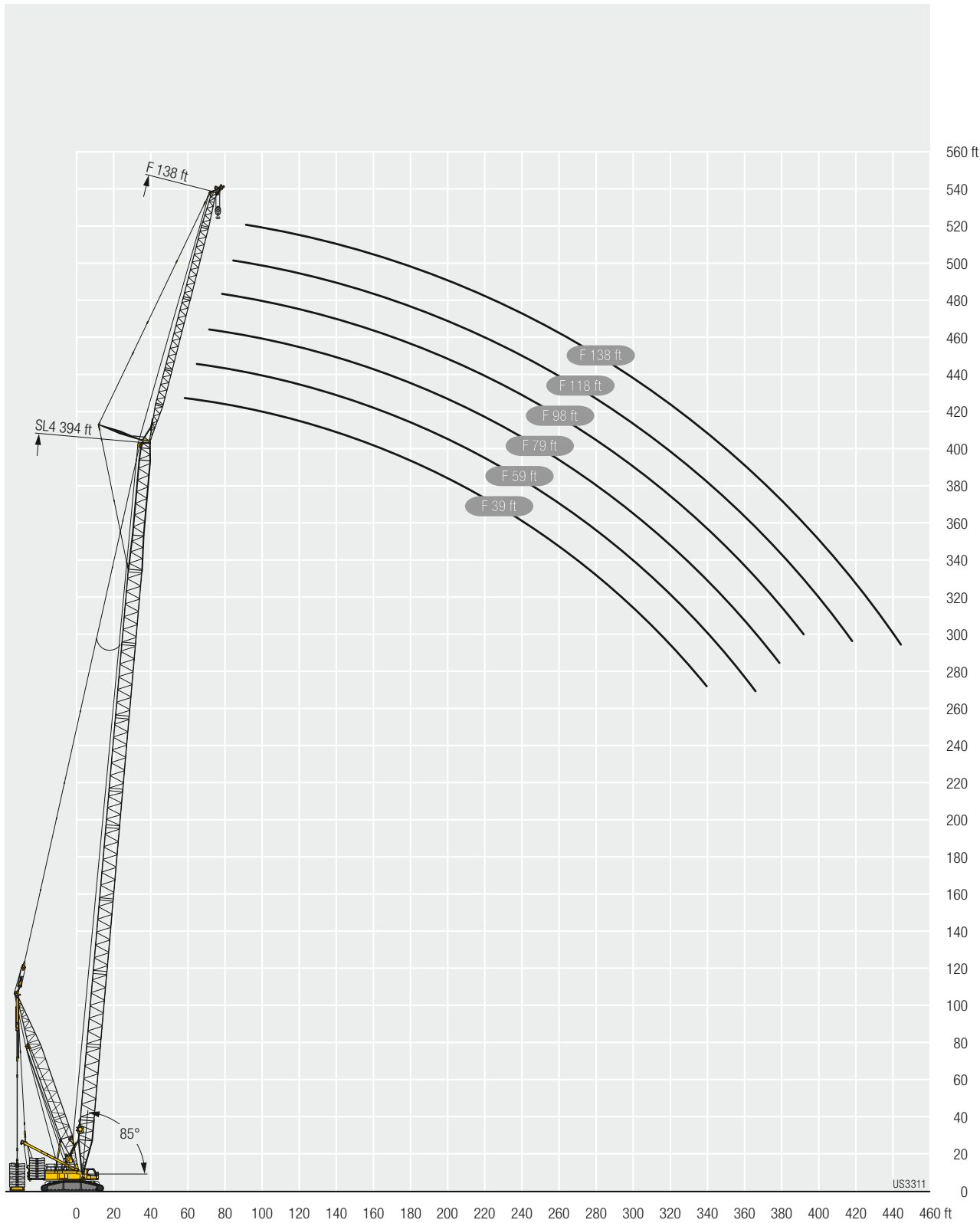
# Lifting heights Hauteurs de levage

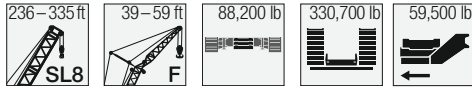
**SL4DFB**



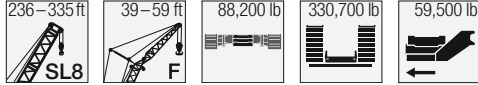
# Lifting heights Hauteurs de levage

SL4DFB





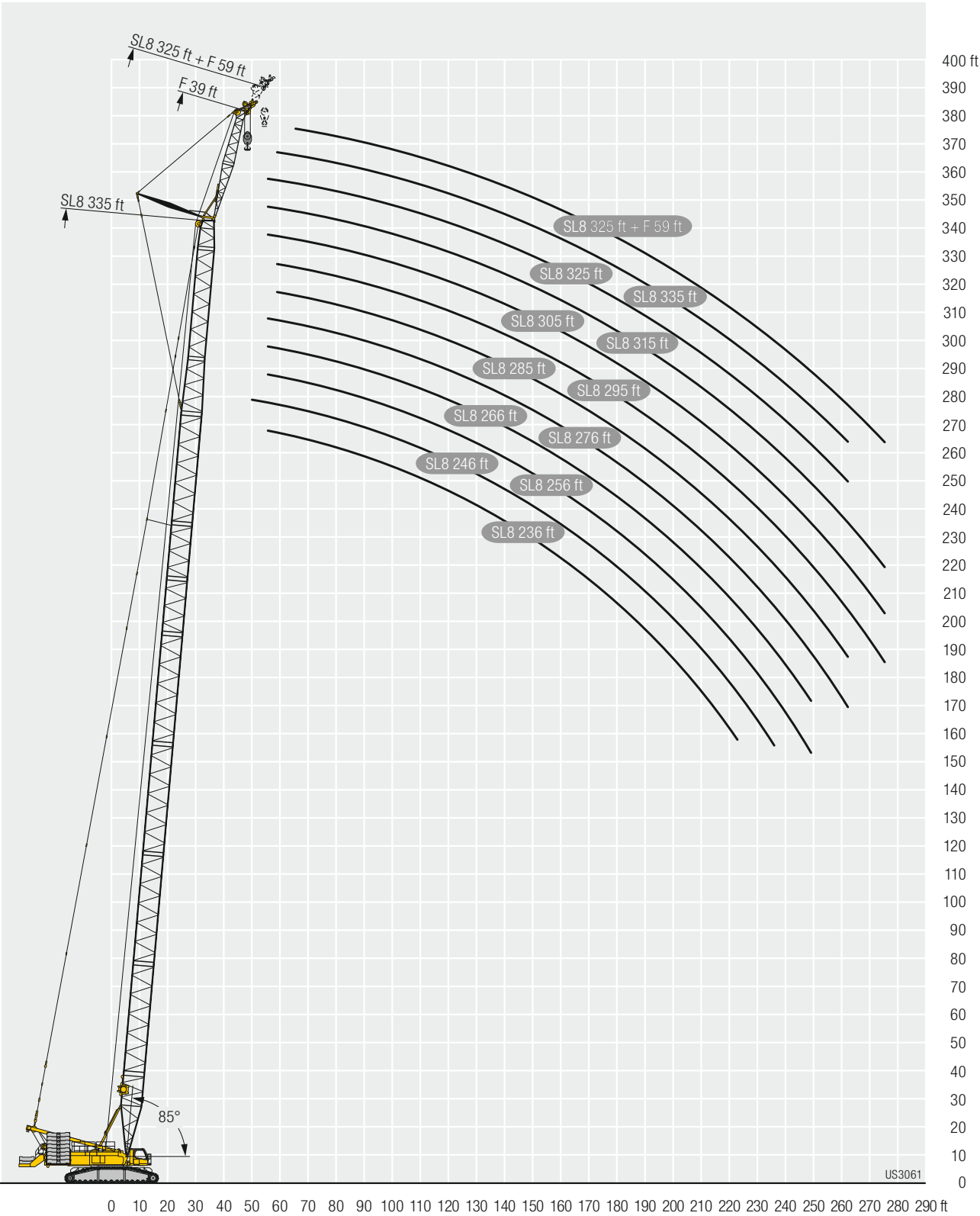
|  ft | SL8 236 |       |       |       | SL8 246 |       |       |       | SL8 256 |       |       |       | SL8 266 |       |       |       | SL8 276 |       |       |       |  |
|--------------------------------------------------------------------------------------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|--|
|                                                                                      | F 39    |       | F 59  |       | F 39    |       | F 59  |       | F 39    |       | F 59  |       | F 39    |       | F 59  |       | F 39    |       | F 59  |       |  |
|                                                                                      | 10°     | 15°   | 10°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°     | 15°   | 10°   | 15°   |  |
| 55                                                                                   | 253.0   |       |       |       | 248.0   | 242.0 |       |       | 244.0   |       |       |       | 239.0   |       |       |       |         | 215.0 | 217.0 |       |  |
| 60                                                                                   | 231.0   | 233.0 |       |       | 226.0   | 229.0 | 206.0 |       | 223.0   | 225.0 |       |       | 219.0   | 221.0 |       |       |         |       |       |       |  |
| 65                                                                                   | 211.0   | 214.0 | 198.0 |       | 207.0   | 210.0 | 199.0 | 167.0 | 204.0   | 206.0 | 198.0 |       | 200.0   | 203.0 | 198.0 |       |         | 197.0 | 199.0 | 195.0 |  |
| 70                                                                                   | 195.0   | 197.0 | 190.0 | 162.0 | 191.0   | 193.0 | 190.0 | 162.0 | 188.0   | 190.0 | 188.0 | 162.0 | 184.0   | 187.0 | 185.0 | 163.0 | 181.0   | 183.0 | 182.0 | 162.0 |  |
| 75                                                                                   | 180.0   | 182.0 | 179.0 | 157.0 | 176.0   | 178.0 | 177.0 | 157.0 | 174.0   | 176.0 | 174.0 | 158.0 | 170.0   | 172.0 | 171.0 | 158.0 | 168.0   | 169.0 | 168.0 | 158.0 |  |
| 80                                                                                   | 167.0   | 169.0 | 167.0 | 152.0 | 164.0   | 165.0 | 164.0 | 153.0 | 161.0   | 163.0 | 162.0 | 154.0 | 158.0   | 160.0 | 159.0 | 154.0 | 155.0   | 157.0 | 156.0 | 154.0 |  |
| 85                                                                                   | 155.0   | 157.0 | 156.0 | 148.0 | 152.0   | 154.0 | 153.0 | 149.0 | 150.0   | 151.0 | 150.0 | 150.0 | 147.0   | 149.0 | 148.0 | 148.0 | 144.0   | 146.0 | 145.0 | 147.0 |  |
| 90                                                                                   | 145.0   | 146.0 | 146.0 | 144.0 | 142.0   | 144.0 | 143.0 | 144.0 | 140.0   | 141.0 | 141.0 | 143.0 | 137.0   | 138.0 | 138.0 | 141.0 | 134.0   | 136.0 | 135.0 | 138.0 |  |
| 95                                                                                   | 136.0   | 137.0 | 136.0 | 138.0 | 133.0   | 134.0 | 134.0 | 136.0 | 131.0   | 132.0 | 132.0 | 134.0 | 128.0   | 129.0 | 129.0 | 132.0 | 126.0   | 127.0 | 127.0 | 129.0 |  |
| 100                                                                                  | 127.0   | 128.0 | 128.0 | 130.0 | 124.0   | 126.0 | 125.0 | 128.0 | 122.0   | 124.0 | 123.0 | 126.0 | 120.0   | 121.0 | 121.0 | 123.0 | 117.0   | 119.0 | 119.0 | 121.0 |  |
| 105                                                                                  | 118.0   | 119.0 | 120.0 | 122.0 | 116.0   | 118.0 | 118.0 | 120.0 | 115.0   | 116.0 | 116.0 | 118.0 | 112.0   | 113.0 | 113.0 | 116.0 | 110.0   | 111.0 | 111.0 | 114.0 |  |
| 110                                                                                  | 110.0   | 111.0 | 112.0 | 114.0 | 109.0   | 110.0 | 111.0 | 113.0 | 107.0   | 108.0 | 109.0 | 111.0 | 105.0   | 106.0 | 106.0 | 109.0 | 103.0   | 104.0 | 105.0 | 107.0 |  |
| 115                                                                                  | 103.0   | 104.0 | 105.0 | 107.0 | 101.0   | 102.0 | 103.0 | 105.0 | 100.0   | 101.0 | 102.0 | 104.0 | 98.4    | 99.5  | 100.0 | 103.0 | 96.8    | 98.0  | 98.3  | 101.0 |  |
| 120                                                                                  | 96.4    | 97.3  | 98.3  | 100.0 | 94.8    | 95.7  | 96.6  | 98.5  | 93.8    | 94.5  | 95.6  | 97.6  | 91.8    | 92.8  | 94.0  | 96.0  | 90.5    | 91.6  | 92.5  | 94.7  |  |
| 125                                                                                  | 90.4    | 91.2  | 92.3  | 93.8  | 88.7    | 89.4  | 90.5  | 92.4  | 87.5    | 88.6  | 89.5  | 91.4  | 86.0    | 86.9  | 87.9  | 89.8  | 84.6    | 85.5  | 86.7  | 88.7  |  |
| 130                                                                                  | 84.8    | 85.4  | 86.5  | 88.4  | 83.0    | 84.0  | 85.1  | 86.7  | 82.1    | 82.8  | 84.1  | 85.7  | 80.2    | 81.3  | 82.4  | 84.2  | 79.2    | 80.1  | 81.1  | 83.1  |  |
| 135                                                                                  | 79.6    | 80.4  | 81.5  | 83.0  | 78.0    | 78.6  | 79.8  | 81.6  | 76.9    | 77.8  | 79.0  | 80.7  | 75.3    | 76.1  | 77.4  | 79.0  | 74.0    | 74.8  | 76.0  | 77.8  |  |
| 140                                                                                  | 75.0    | 75.6  | 76.6  | 78.3  | 73.2    | 74.0  | 75.2  | 76.7  | 72.3    | 73.0  | 74.1  | 75.8  | 70.5    | 71.4  | 72.6  | 74.4  | 69.4    | 70.2  | 71.4  | 73.1  |  |
| 145                                                                                  | 70.5    | 71.2  | 72.4  | 73.7  | 68.9    | 69.5  | 70.7  | 72.3  | 67.8    | 68.6  | 69.8  | 71.4  | 66.3    | 67.0  | 68.2  | 69.8  | 64.9    | 65.7  | 66.9  | 68.8  |  |
| 150                                                                                  | 66.5    | 67.1  | 68.2  | 69.7  | 64.8    | 65.5  | 66.7  | 68.1  | 63.9    | 64.5  | 65.7  | 67.2  | 62.1    | 62.9  | 64.1  | 65.8  | 61.0    | 61.7  | 63.0  | 64.5  |  |
| 155                                                                                  | 62.8    | 63.2  | 64.4  | 65.8  | 61.1    | 61.7  | 62.8  | 64.3  | 60.1    | 60.7  | 61.9  | 63.4  | 58.4    | 59.1  | 60.3  | 61.8  | 57.2    | 57.8  | 59.1  | 60.8  |  |
| 160                                                                                  | 59.2    | 59.8  | 60.9  | 62.2  | 57.5    | 58.0  | 59.3  | 60.7  | 56.6    | 57.2  | 58.3  | 59.8  | 54.9    | 55.5  | 56.8  | 58.3  | 53.7    | 54.4  | 55.6  | 57.1  |  |
| 165                                                                                  | 56.0    | 56.4  | 57.5  | 58.9  | 54.2    | 54.8  | 56.0  | 57.3  | 53.3    | 53.8  | 55.0  | 56.5  | 51.6    | 52.2  | 53.5  | 54.9  | 50.4    | 51.0  | 52.2  | 53.8  |  |
| 170                                                                                  | 52.9    | 53.3  | 54.5  | 55.6  | 51.2    | 51.7  | 52.9  | 54.2  | 50.2    | 50.8  | 51.9  | 53.3  | 48.6    | 49.1  | 50.3  | 51.8  | 47.4    | 48.0  | 49.2  | 50.6  |  |
| 175                                                                                  | 50.0    | 50.5  | 51.5  | 52.7  | 48.3    | 48.8  | 50.0  | 51.2  | 47.4    | 47.8  | 49.0  | 50.3  | 45.7    | 46.2  | 47.4  | 48.8  | 44.5    | 45.0  | 46.2  | 47.7  |  |
| 180                                                                                  | 47.3    | 47.7  | 48.8  | 49.9  | 45.6    | 46.1  | 47.2  | 48.4  | 44.6    | 45.1  | 46.3  | 47.5  | 43.0    | 43.5  | 44.7  | 46.0  | 41.8    | 42.4  | 43.6  | 44.9  |  |
| 185                                                                                  | 44.7    | 45.1  | 46.2  | 47.3  | 43.1    | 43.5  | 44.6  | 45.8  | 42.1    | 42.6  | 43.7  | 44.9  | 40.4    | 40.9  | 42.1  | 43.4  | 39.3    | 39.7  | 40.9  | 42.3  |  |
| 190                                                                                  | 42.3    | 42.7  | 43.8  | 44.9  | 40.6    | 41.1  | 42.2  | 43.3  | 39.7    | 40.1  | 41.3  | 42.4  | 38.1    | 38.5  | 39.7  | 40.9  | 36.8    | 37.4  | 38.5  | 39.8  |  |
| 195                                                                                  | 40.1    | 40.4  | 41.5  | 42.5  | 38.4    | 38.8  | 39.9  | 41.0  | 37.5    | 37.9  | 38.9  | 40.1  | 35.8    | 36.2  | 37.4  | 38.5  | 34.6    | 35.1  | 36.2  | 37.5  |  |
| 200                                                                                  | 37.9    | 38.2  | 39.3  | 40.3  | 36.3    | 36.6  | 37.7  | 38.7  | 35.3    | 35.7  | 36.8  | 37.9  | 33.6    | 34.1  | 35.2  | 36.4  | 32.4    | 32.9  | 34.1  | 35.3  |  |
| 205                                                                                  | 35.9    | 36.2  | 37.3  | 38.2  | 34.2    | 34.6  | 35.6  | 36.7  | 33.3    | 33.6  | 34.7  | 35.8  | 31.6    | 32.0  | 33.2  | 34.3  | 30.5    | 30.9  | 32.0  | 33.2  |  |
| 210                                                                                  | 34.0    | 34.3  | 35.3  | 36.2  | 32.3    | 32.6  | 33.7  | 34.7  | 31.4    | 31.7  | 32.8  | 33.8  | 29.7    | 30.1  | 31.2  | 32.3  | 28.5    | 28.9  | 30.1  | 31.2  |  |
| 215                                                                                  | 32.2    | 32.4  | 33.4  | 34.3  | 30.5    | 30.8  | 31.8  | 32.8  | 29.6    | 29.9  | 30.9  | 31.9  | 27.9    | 28.2  | 29.3  | 30.4  | 26.7    | 27.1  | 28.2  | 29.3  |  |
| 220                                                                                  | 30.5    | 30.7  | 31.7  | 32.5  | 28.8    | 29.0  | 30.1  | 31.0  | 27.8    | 28.1  | 29.1  | 30.1  | 26.2    | 26.4  | 27.6  | 28.6  | 25.0    | 25.3  | 26.5  | 27.5  |  |
| 225                                                                                  | 28.8    | 29.0  | 30.0  | 30.8  | 27.1    | 27.4  | 28.4  | 29.2  | 26.2    | 26.5  | 27.5  | 28.4  | 24.5    | 24.8  | 25.9  | 26.9  | 23.3    | 23.7  | 24.8  | 25.8  |  |
| 230                                                                                  | 27.3    | 27.5  | 28.4  | 29.2  | 25.6    | 25.8  | 26.8  | 27.6  | 24.6    | 24.9  | 25.9  | 26.8  | 23.0    | 23.3  | 24.3  | 25.2  | 21.9    | 22.2  | 23.2  | 24.2  |  |
| 235                                                                                  | 25.8    | 26.0  | 26.9  | 27.6  | 24.1    | 24.3  | 25.3  | 26.1  | 23.2    | 23.4  | 24.4  | 25.2  | 21.6    | 21.8  | 22.8  | 23.7  | 20.6    | 20.8  | 21.7  | 22.6  |  |
| 240                                                                                  |         |       | 25.4  | 26.1  | 22.7    | 22.9  | 23.8  | 24.6  | 21.8    | 22.0  | 22.9  | 23.7  | 20.4    | 20.6  | 21.5  | 22.3  | 19.4    | 19.6  | 20.5  | 21.3  |  |
| 245                                                                                  |         |       | 24.1  | 24.7  |         |       | 22.5  | 23.2  | 20.7    | 20.8  | 21.7  | 22.3  | 19.2    | 19.4  | 20.3  | 21.0  | 18.3    | 18.5  | 19.3  | 20.1  |  |
| 250                                                                                  |         |       | 22.8  | 23.4  |         |       | 21.3  | 21.9  | 19.6    | 19.7  | 20.5  | 21.2  | 18.1    | 18.3  | 19.1  | 19.9  | 17.2    | 17.4  | 18.2  | 19.0  |  |
| 255                                                                                  |         |       |       | 22.1  |         |       | 20.2  | 20.8  |         |       | 19.5  | 20.1  | 17.0    | 17.2  | 18.1  | 18.8  | 16.1    | 16.3  | 17.1  | 17.9  |  |
| 260                                                                                  |         |       |       |       |         |       | 19.2  | 19.7  |         |       | 18.4  | 19.0  |         | 16.1  | 17.1  | 17.7  | 14.9    | 15.1  | 16.1  | 16.8  |  |
| 265                                                                                  |         |       |       |       |         |       |       |       |         |       | 17.5  | 18.0  |         |       | 16.1  | 16.7  | 13.7    | 13.9  | 15.1  | 15.8  |  |
| 270                                                                                  |         |       |       |       |         |       |       |       |         |       |       | 17.1  |         |       | 15.0  | 15.6  |         |       | 14.0  | 14.7  |  |
| 275                                                                                  |         |       |       |       |         |       |       |       |         |       |       |       |         |       | 13.9  | 14.6  |         |       | 12.9  | 13.6  |  |
| 280                                                                                  |         |       |       |       |         |       |       |       |         |       |       |       |         |       |       |       |         |       | 11.8  | 12.5  |  |
| 285                                                                                  |         |       |       |       |         |       |       |       |         |       |       |       |         |       |       |       |         |       | 10.8  | 11.4  |  |



| ft  | SL8 285 |       |       |       | SL8 295 |       |       |       | SL8 305 |       |       |       | SL8 315 |       |       |       | SL8 325 |       |       |       | SL8 335 |       |
|-----|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|-------|-------|---------|-------|
|     | F 39    |       | F 59  |       | F 39    |       | F 59  |       | F 39    |       | F 59  |       | F 39    |       | F 59  |       | F 39    |       | F 59  |       | F 39    |       |
|     | 10°     | 15°   | 10°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°     | 15°   | 10°   | 15°   | 10°     | 15°   |
| 55  |         | 228.0 |       |       |         |       |       |       | 211.0   |       |       |       | 203.0   |       |       |       |         |       |       |       |         |       |
| 60  | 211.0   | 213.0 | 194.0 |       | 208.0   | 207.0 | 186.0 |       | 202.0   | 202.0 |       |       | 195.0   | 193.0 |       |       | 189.0   | 188.0 |       |       | 180.0   |       |
| 65  | 193.0   | 195.0 | 189.0 | 166.0 | 191.0   | 193.0 | 182.0 | 162.0 | 187.0   | 189.0 | 177.0 |       | 184.0   | 184.0 | 168.0 |       | 179.0   | 179.0 | 163.0 |       | 174.0   | 171.0 |
| 70  | 178.0   | 180.0 | 178.0 | 162.0 | 176.0   | 178.0 | 176.0 | 159.0 | 172.0   | 175.0 | 171.0 | 155.0 | 170.0   | 172.0 | 165.0 | 149.0 | 167.0   | 169.0 | 159.0 | 146.0 | 163.0   | 164.0 |
| 75  | 164.0   | 166.0 | 165.0 | 158.0 | 162.0   | 164.0 | 163.0 | 155.0 | 159.0   | 161.0 | 160.0 | 152.0 | 157.0   | 159.0 | 157.0 | 147.0 | 154.0   | 157.0 | 153.0 | 144.0 | 152.0   | 154.0 |
| 80  | 152.0   | 154.0 | 153.0 | 154.0 | 150.0   | 152.0 | 151.0 | 151.0 | 147.0   | 149.0 | 148.0 | 147.0 | 145.0   | 147.0 | 146.0 | 142.0 | 142.0   | 145.0 | 143.0 | 140.0 | 141.0   | 143.0 |
| 85  | 141.0   | 143.0 | 142.0 | 145.0 | 140.0   | 141.0 | 141.0 | 143.0 | 137.0   | 138.0 | 138.0 | 140.0 | 135.0   | 137.0 | 136.0 | 138.0 | 132.0   | 135.0 | 133.0 | 134.0 | 131.0   | 132.0 |
| 90  | 132.0   | 133.0 | 133.0 | 136.0 | 130.0   | 132.0 | 131.0 | 133.0 | 127.0   | 129.0 | 129.0 | 131.0 | 126.0   | 127.0 | 127.0 | 130.0 | 123.0   | 125.0 | 124.0 | 128.0 | 121.0   | 123.0 |
| 95  | 123.0   | 124.0 | 124.0 | 127.0 | 121.0   | 123.0 | 123.0 | 125.0 | 119.0   | 120.0 | 120.0 | 122.0 | 117.0   | 119.0 | 119.0 | 122.0 | 114.0   | 117.0 | 116.0 | 119.0 | 113.0   | 115.0 |
| 100 | 115.0   | 116.0 | 116.0 | 119.0 | 113.0   | 115.0 | 115.0 | 117.0 | 111.0   | 112.0 | 112.0 | 114.0 | 109.0   | 111.0 | 111.0 | 114.0 | 107.0   | 109.0 | 108.0 | 111.0 | 105.0   | 107.0 |
| 105 | 107.0   | 109.0 | 109.0 | 111.0 | 106.0   | 107.0 | 108.0 | 109.0 | 103.0   | 105.0 | 105.0 | 107.0 | 102.0   | 104.0 | 104.0 | 107.0 | 99.6    | 102.0 | 101.0 | 104.0 | 98.5    | 100.0 |
| 110 | 101.0   | 102.0 | 102.0 | 105.0 | 99.4    | 101.0 | 101.0 | 103.0 | 96.8    | 98.2  | 98.6  | 100.0 | 95.7    | 97.0  | 97.4  | 100.0 | 93.1    | 95.5  | 95.0  | 97.9  | 92.1    | 93.5  |
| 115 | 94.4    | 95.6  | 95.9  | 98.4  | 93.3    | 94.5  | 94.9  | 96.6  | 90.8    | 92.1  | 92.5  | 94.3  | 89.6    | 90.9  | 91.4  | 94.0  | 87.2    | 89.5  | 89.1  | 91.9  | 86.2    | 87.5  |
| 120 | 88.6    | 89.7  | 90.3  | 92.6  | 87.6    | 88.8  | 89.3  | 90.9  | 85.2    | 86.3  | 87.0  | 88.6  | 84.1    | 85.3  | 85.9  | 88.5  | 81.7    | 83.9  | 83.5  | 86.3  | 80.7    | 82.0  |
| 125 | 82.8    | 83.8  | 84.9  | 87.1  | 82.2    | 83.2  | 84.0  | 85.6  | 80.0    | 81.1  | 81.8  | 83.3  | 78.9    | 80.1  | 80.7  | 83.3  | 76.6    | 78.7  | 78.5  | 81.1  | 75.6    | 76.9  |
| 130 | 77.5    | 78.2  | 79.5  | 81.5  | 76.6    | 77.7  | 79.0  | 80.4  | 74.9    | 76.0  | 77.0  | 78.5  | 74.1    | 75.1  | 75.9  | 78.4  | 71.9    | 73.9  | 73.8  | 76.3  | 71.0    | 72.1  |
| 135 | 72.3    | 73.3  | 74.4  | 76.3  | 71.8    | 72.7  | 73.9  | 75.2  | 70.0    | 70.9  | 72.3  | 73.6  | 69.3    | 70.2  | 71.5  | 73.7  | 67.4    | 69.2  | 69.4  | 71.8  | 66.6    | 67.6  |
| 140 | 67.6    | 68.3  | 69.7  | 71.5  | 67.0    | 68.0  | 69.2  | 70.3  | 65.5    | 66.4  | 67.6  | 68.9  | 64.8    | 65.5  | 66.9  | 68.9  | 62.9    | 64.7  | 65.2  | 67.4  | 62.3    | 63.3  |
| 145 | 63.3    | 64.1  | 65.4  | 67.2  | 62.8    | 63.5  | 64.9  | 65.9  | 61.0    | 62.0  | 63.2  | 64.4  | 60.5    | 61.4  | 62.6  | 64.5  | 58.8    | 60.4  | 60.9  | 63.0  | 58.2    | 59.0  |
| 150 | 59.3    | 59.9  | 61.2  | 63.1  | 58.7    | 59.5  | 60.8  | 62.0  | 57.1    | 57.9  | 59.3  | 60.3  | 56.4    | 57.2  | 58.6  | 60.5  | 54.7    | 56.4  | 56.9  | 58.9  | 54.3    | 55.1  |
| 155 | 55.5    | 56.3  | 57.6  | 59.2  | 55.0    | 55.6  | 57.0  | 58.1  | 53.2    | 54.1  | 55.4  | 56.6  | 52.7    | 53.5  | 54.9  | 56.7  | 51.1    | 52.5  | 53.3  | 55.1  | 50.4    | 51.4  |
| 160 | 52.0    | 52.6  | 53.9  | 55.7  | 51.5    | 52.2  | 53.6  | 54.5  | 49.8    | 50.5  | 52.0  | 52.9  | 49.2    | 50.0  | 51.2  | 53.2  | 47.6    | 49.1  | 49.8  | 51.7  | 47.1    | 47.8  |
| 165 | 48.8    | 49.4  | 50.7  | 52.2  | 48.2    | 48.8  | 50.2  | 51.2  | 46.5    | 47.3  | 48.7  | 49.7  | 46.0    | 46.7  | 48.1  | 49.7  | 44.3    | 45.8  | 46.4  | 48.3  | 43.8    | 44.6  |
| 170 | 45.7    | 46.2  | 47.5  | 49.2  | 45.1    | 45.8  | 47.2  | 48.0  | 43.5    | 44.1  | 45.5  | 46.5  | 42.9    | 43.6  | 44.9  | 46.7  | 41.3    | 42.8  | 43.4  | 45.1  | 40.7    | 41.4  |
| 175 | 42.8    | 43.4  | 44.7  | 46.1  | 42.3    | 42.8  | 44.1  | 45.1  | 40.6    | 41.3  | 42.7  | 43.6  | 40.1    | 40.7  | 42.1  | 43.7  | 38.4    | 39.8  | 40.4  | 42.3  | 37.9    | 38.6  |
| 180 | 40.1    | 40.6  | 41.9  | 43.4  | 39.6    | 40.2  | 41.5  | 42.3  | 37.9    | 38.5  | 39.9  | 40.8  | 37.4    | 38.0  | 39.4  | 41.0  | 35.8    | 37.1  | 37.8  | 39.4  | 35.2    | 35.9  |
| 185 | 37.6    | 38.1  | 39.4  | 40.7  | 37.0    | 37.5  | 38.9  | 39.7  | 35.4    | 36.0  | 37.4  | 38.1  | 34.9    | 35.4  | 36.7  | 38.4  | 33.2    | 34.6  | 35.2  | 36.9  | 32.7    | 33.3  |
| 190 | 35.2    | 35.7  | 36.9  | 38.3  | 34.6    | 35.2  | 36.5  | 37.2  | 33.0    | 33.5  | 34.8  | 35.7  | 32.5    | 33.1  | 34.4  | 35.9  | 30.8    | 32.1  | 32.8  | 34.4  | 30.2    | 30.9  |
| 195 | 32.9    | 33.4  | 34.7  | 35.9  | 32.4    | 32.8  | 34.1  | 34.9  | 30.7    | 31.3  | 32.6  | 33.3  | 30.2    | 30.7  | 32.0  | 33.6  | 28.6    | 29.9  | 30.5  | 32.1  | 28.1    | 28.6  |
| 200 | 30.8    | 31.2  | 32.5  | 33.8  | 30.2    | 30.7  | 32.0  | 32.6  | 28.6    | 29.0  | 30.4  | 31.2  | 28.1    | 28.6  | 29.9  | 31.3  | 26.4    | 27.6  | 28.3  | 29.9  | 25.9    | 26.5  |
| 205 | 28.7    | 29.2  | 30.4  | 31.6  | 28.2    | 28.6  | 29.9  | 30.6  | 26.5    | 27.0  | 28.4  | 29.0  | 26.1    | 26.5  | 27.8  | 29.3  | 24.4    | 25.6  | 26.3  | 27.7  | 23.9    | 24.4  |
| 210 | 26.9    | 27.3  | 28.4  | 29.7  | 26.3    | 26.7  | 28.0  | 28.6  | 24.6    | 25.0  | 26.4  | 27.1  | 24.1    | 24.6  | 25.9  | 27.2  | 22.6    | 23.6  | 24.3  | 25.8  | 22.1    | 22.6  |
| 215 | 25.0    | 25.4  | 26.6  | 27.8  | 24.5    | 24.8  | 26.1  | 26.7  | 22.8    | 23.3  | 24.6  | 25.1  | 22.4    | 22.7  | 24.0  | 25.4  | 21.0    | 22.0  | 22.6  | 23.9  | 20.4    | 20.9  |
| 220 | 23.3    | 23.7  | 24.8  | 26.0  | 22.7    | 23.1  | 24.4  | 24.9  | 21.2    | 21.6  | 22.8  | 23.4  | 20.9    | 21.2  | 22.4  | 23.6  | 19.4    | 20.4  | 21.0  | 22.3  | 19.0    | 19.4  |
| 225 | 21.8    | 22.0  | 23.2  | 24.3  | 21.3    | 21.6  | 22.7  | 23.3  | 19.8    | 20.2  | 21.3  | 21.8  | 19.4    | 19.7  | 20.9  | 22.0  | 18.1    | 19.0  | 19.5  | 20.6  | 17.6    | 17.9  |
| 230 | 20.4    | 20.7  | 21.7  | 22.7  | 19.9    | 20.2  | 21.2  | 21.7  | 18.5    | 18.8  | 19.9  | 20.4  | 18.1    | 18.4  | 19.5  | 20.5  | 16.7    | 17.6  | 18.2  | 19.3  | 16.3    | 16.6  |
| 235 | 19.2    | 19.4  | 20.4  | 21.3  | 18.6    | 18.9  | 19.9  | 20.4  | 17.2    | 17.5  | 18.6  | 19.0  | 16.8    | 17.1  | 18.2  | 19.2  | 15.5    | 16.3  | 16.9  | 17.9  | 15.0    | 15.3  |
| 240 | 17.9    | 18.2  | 19.1  | 20.0  | 17.4    | 17.7  | 18.7  | 19.1  | 16.0    | 16.2  | 17.4  | 17.8  | 15.6    | 15.9  | 17.0  | 17.9  | 14.2    | 15.1  | 15.6  | 16.7  | 13.8    | 14.1  |
| 245 | 16.7    | 17.0  | 18.0  | 18.8  | 16.3    | 16.5  | 17.5  | 17.9  | 14.7    | 14.9  | 16.2  | 16.6  | 14.4    | 14.7  | 15.8  | 16.7  | 12.9    | 13.8  | 14.4  | 15.5  | 12.5    | 12.8  |
| 250 | 15.5    | 15.8  | 16.9  | 17.6  | 15.0    | 15.3  | 16.4  | 16.7  | 13.4    | 13.6  | 15.0  | 15.4  | 13.2    | 13.4  | 14.6  | 15.6  | 11.5    | 12.6  | 13.3  | 14.3  | 11.2    | 11.5  |
| 255 | 14.3    | 14.6  | 15.8  | 16.5  | 13.7    | 14.0  | 15.3  | 15.6  | 12.1    | 12.4  | 13.8  | 14.3  | 12.0    | 12.2  | 13.6  | 14.5  | 10.2    | 11.2  | 12.2  | 13.2  | 9.8     | 10.1  |
| 260 | 13.1    | 13.4  | 14.7  | 15.5  | 12.4    | 12.8  | 14.1  | 14.5  | 10.7    | 11.1  | 12.6  | 13.0  | 10.7    | 10.9  | 12.4  | 13.4  | 9.0     | 9.9   | 10.9  | 12.1  | 8.5     | 8.8   |
| 265 | 12.0    | 12.2  | 13.5  | 14.3  | 11.3    | 11.6  | 13.0  | 13.4  | 9.6     | 9.9   | 11.4  | 11.8  | 9.5     | 9.7   | 11.2  | 12.3  | 7.8     | 8.7   | 9.6   | 10.9  | 7.3     | 7.6   |
| 270 | 10.8    | 11.1  | 12.4  | 13.2  | 10.1    | 10.4  | 11.7  | 12.2  | 8.4     | 8.7   | 10.2  | 10.7  | 8.3     | 8.5   | 10.0  | 11.1  | 6.6     | 7.6   | 8.4   | 9.7   | 6.1     | 6.4   |
| 275 |         | 10.0  | 11.3  | 12.1  | 9.0     | 9.3   | 10.6  | 11.0  | 7.4     | 7.6   | 9.1   | 9.5   | 7.2     | 7.4   | 8.9   | 10.0  |         | 6.4   | 7.2   | 8.4   |         |       |
| 280 |         |       | 10.2  | 11.0  | 8.0     | 8.2   | 9.6   | 9.9   | 6.3     | 6.5   | 7.9   | 8.4   | 6.2     | 6.4   | 7.9   | 8.8   |         |       | 6.2   | 7.3   |         |       |
| 285 |         |       | 9.1   | 10.0  |         |       | 8.6   | 8.9   |         |       | 6.9   | 7.4   |         |       | 6.8   | 7.7   |         |       |       | 6.2   |         |       |
| 290 |         |       | 8.2   | 8.9   |         |       | 7.6   | 7.8   |         |       | 5.9   | 6.3   |         |       | 5.8   | 6.6   |         |       |       |       |         |       |
| 295 |         |       |       | 7.9   |         |       | 6.6   | 6.8   |         |       |       |       |         |       |       | 5.7   |         |       |       |       |         |       |
| 300 |         |       |       |       |         |       | 5.7   | 5.9   |         |       |       |       |         |       |       |       |         |       |       |       |         |       |

# Lifting heights Hauteurs de levage

SL8 236 - 276



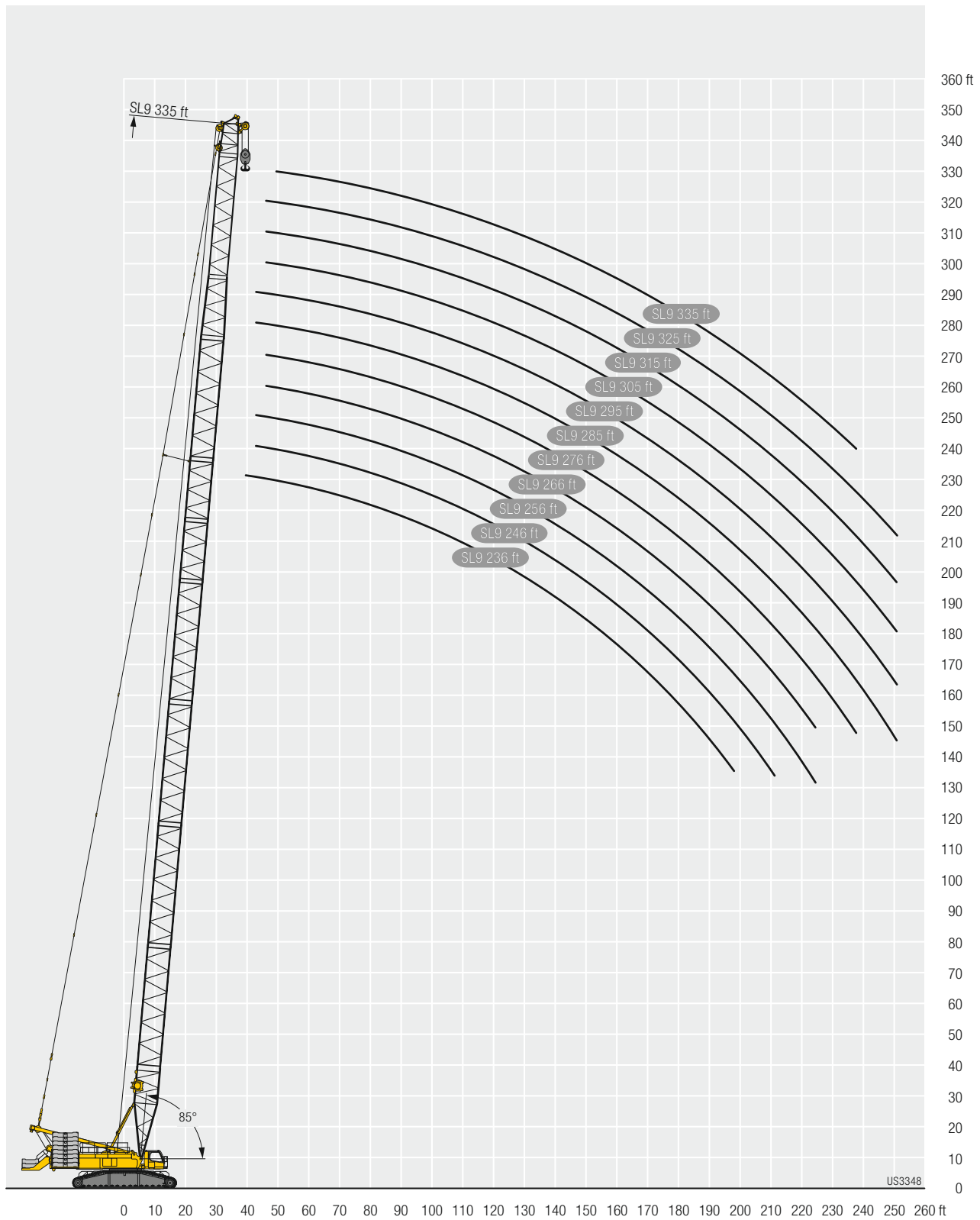


|  ft | SL9 236 | SL9 246 | SL9 256 | SL9 266 | SL9 276 | SL9 285 | SL9 295 | SL9 305 | SL9 315 | SL9 325 | SL9 335 |  ft |
|-------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------------------------------------------------------------------------------|
| 40                                                                                  | 360     |         |         |         |         |         |         |         |         |         |         | 40                                                                                     |
| 45                                                                                  | 318     | 312     | 305     | 298     | 288     | 282     | 271     | 261     | 265     |         |         | 45                                                                                     |
| 50                                                                                  | 283     | 278     | 273     | 267     | 259     | 252     | 243     | 235     | 239     | 233     | 225     | 50                                                                                     |
| 55                                                                                  | 255     | 251     | 246     | 239     | 233     | 228     | 221     | 213     | 216     | 210     | 203     | 55                                                                                     |
| 60                                                                                  | 231     | 227     | 223     | 219     | 213     | 207     | 201     | 194     | 197     | 192     | 186     | 60                                                                                     |
| 65                                                                                  | 211     | 207     | 203     | 199     | 194     | 190     | 185     | 178     | 180     | 175     | 170     | 65                                                                                     |
| 70                                                                                  | 193     | 189     | 186     | 182     | 177     | 173     | 169     | 164     | 166     | 161     | 156     | 70                                                                                     |
| 75                                                                                  | 177     | 173     | 170     | 168     | 163     | 159     | 155     | 151     | 152     | 149     | 145     | 75                                                                                     |
| 80                                                                                  | 164     | 161     | 158     | 154     | 150     | 147     | 144     | 139     | 140     | 137     | 133     | 80                                                                                     |
| 85                                                                                  | 152     | 149     | 146     | 144     | 140     | 136     | 133     | 129     | 130     | 126     | 122     | 85                                                                                     |
| 90                                                                                  | 141     | 138     | 136     | 133     | 130     | 127     | 123     | 119     | 120     | 117     | 114     | 90                                                                                     |
| 95                                                                                  | 131     | 128     | 126     | 124     | 121     | 119     | 116     | 111     | 111     | 108     | 106     | 95                                                                                     |
| 100                                                                                 | 121     | 119     | 118     | 115     | 113     | 111     | 108     | 104     | 104     | 101     | 98.3    | 100                                                                                    |
| 105                                                                                 | 112     | 110     | 109     | 107     | 105     | 103     | 101     | 97.5    | 97.6    | 95.1    | 92      | 105                                                                                    |
| 110                                                                                 | 104     | 102     | 101     | 99.8    | 98.2    | 96.3    | 94.7    | 91.5    | 90.9    | 89      | 86.2    | 110                                                                                    |
| 115                                                                                 | 96.4    | 95.1    | 93.9    | 92.7    | 91.3    | 89.8    | 88.6    | 85.9    | 84.8    | 83      | 80.6    | 115                                                                                    |
| 120                                                                                 | 89.7    | 88.4    | 87.4    | 86      | 84.7    | 83.5    | 82.6    | 80.3    | 79.2    | 77.3    | 75.4    | 120                                                                                    |
| 125                                                                                 | 83.8    | 82.3    | 81.4    | 80      | 78.8    | 77.4    | 76.8    | 74.7    | 74      | 72.3    | 70.2    | 125                                                                                    |
| 130                                                                                 | 78.3    | 76.9    | 75.8    | 74.6    | 73.1    | 72      | 71.2    | 69.5    | 68.9    | 67.4    | 65.6    | 130                                                                                    |
| 135                                                                                 | 73.2    | 71.8    | 70.8    | 69.4    | 68.2    | 66.8    | 66.3    | 64.4    | 63.9    | 62.7    | 60.9    | 135                                                                                    |
| 140                                                                                 | 68.6    | 67.1    | 66.2    | 64.8    | 63.5    | 62.3    | 61.6    | 59.9    | 59.3    | 58.1    | 56.7    | 140                                                                                    |
| 145                                                                                 | 64.3    | 62.8    | 61.8    | 60.5    | 59.3    | 57.9    | 57.3    | 55.5    | 55.1    | 53.9    | 52.5    | 145                                                                                    |
| 150                                                                                 | 60.3    | 58.9    | 57.9    | 56.5    | 55.3    | 54      | 53.3    | 51.6    | 51.1    | 49.9    | 48.7    | 150                                                                                    |
| 155                                                                                 | 56.6    | 55.1    | 54.2    | 52.8    | 51.5    | 50.3    | 49.6    | 47.9    | 47.4    | 46.3    | 44.9    | 155                                                                                    |
| 160                                                                                 | 53.1    | 51.7    | 50.7    | 49.4    | 48.1    | 46.8    | 46.2    | 44.4    | 43.9    | 42.8    | 41.6    | 160                                                                                    |
| 165                                                                                 | 49.9    | 48.5    | 47.5    | 46.1    | 44.9    | 43.6    | 42.9    | 41.2    | 40.7    | 39.6    | 38.3    | 165                                                                                    |
| 170                                                                                 | 47      | 45.5    | 44.5    | 43.1    | 41.9    | 40.6    | 40      | 38.1    | 37.7    | 36.6    | 35.3    | 170                                                                                    |
| 175                                                                                 | 44.2    | 42.7    | 41.7    | 40.3    | 39.1    | 37.8    | 37.1    | 35.4    | 34.9    | 33.8    | 32.5    | 175                                                                                    |
| 180                                                                                 | 41.5    | 40      | 39      | 37.6    | 36.4    | 35.1    | 34.5    | 32.6    | 32.3    | 31.1    | 29.9    | 180                                                                                    |
| 185                                                                                 | 39.1    | 37.6    | 36.6    | 35.2    | 33.9    | 32.6    | 32      | 30.2    | 29.7    | 28.6    | 27.4    | 185                                                                                    |
| 190                                                                                 | 36.8    | 35.2    | 34.3    | 32.9    | 31.6    | 30.3    | 29.6    | 27.8    | 27.5    | 26.2    | 25.1    | 190                                                                                    |
| 195                                                                                 | 34.6    | 33.1    | 32.1    | 30.6    | 29.4    | 28.1    | 27.4    | 25.6    | 25.2    | 24.1    | 22.8    | 195                                                                                    |
| 200                                                                                 | 32.6    | 31      | 30      | 28.5    | 27.3    | 26      | 25.3    | 23.6    | 23.2    | 22      | 21      | 200                                                                                    |
| 205                                                                                 | 30.7    | 29.1    | 28.1    | 26.6    | 25.4    | 24      | 23.3    | 21.6    | 21.3    | 20.3    | 19.2    | 205                                                                                    |
| 210                                                                                 |         | 27.3    | 26.3    | 24.8    | 23.5    | 22.3    | 21.6    | 20      | 19.7    | 18.7    | 17.6    | 210                                                                                    |
| 215                                                                                 |         | 25.6    | 24.5    | 23      | 21.9    | 20.6    | 20      | 18.3    | 18.2    | 16.9    | 15.9    | 215                                                                                    |
| 220                                                                                 |         |         | 22.9    | 21.5    | 20.4    | 19      | 18.3    | 16.6    | 16.5    | 15.2    | 14.1    | 220                                                                                    |
| 225                                                                                 |         |         |         | 19.9    | 18.8    | 17.3    | 16.7    | 14.9    | 14.9    | 13.6    | 12.4    | 225                                                                                    |
| 230                                                                                 |         |         |         | 18.4    | 17.3    | 15.8    | 15.2    | 13.4    | 13.3    | 12.1    | 10.9    | 230                                                                                    |
| 235                                                                                 |         |         |         |         | 15.9    | 14.4    | 13.6    | 11.9    | 11.8    | 10.5    | 9.5     | 235                                                                                    |
| 240                                                                                 |         |         |         |         | 14.6    | 13      | 12.3    | 10.4    | 10.4    | 9.1     | 8       | 240                                                                                    |
| 245                                                                                 |         |         |         |         |         | 11.7    | 10.9    | 9.1     | 9.1     | 7.8     | 6.6     | 245                                                                                    |
| 250                                                                                 |         |         |         |         |         |         | 9.6     | 7.8     | 7.7     | 6.5     |         | 250                                                                                    |
| 255                                                                                 |         |         |         |         |         |         | 8.4     | 6.6     | 6.6     |         |         | 255                                                                                    |



# Lifting heights Hauteurs de levage

**SL9**



# Description of symbols

## Explication des symboles

### General symbols/Symboles généraux

|                                                                                     |                                                                |                                                                                     |                                                               |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|
|    | Max. capacity<br>Capacité max.                                 |    | Rope length<br>Longueur du câble                              |
|    | Max. boom length<br>Longueur maxi. de la fleche principale     |    | Slewing speeds<br>Vitesses d'orientation                      |
|    | Max. boom system length<br>Longueur maxi. du systeme de fleche |    | Driving speed<br>Vitesse de translation                       |
|    | Counterweight<br>Contrepoids                                   |    | Load<br>Forces de levage                                      |
|    | Central ballast<br>Contrepoids central                         |    | Hookblock / Capacity<br>Moufle à crochet / Capacité de charge |
|    | Width crawler chassis<br>Largeur du train de chenilles         |    | No. of sheaves<br>Poulies                                     |
|   | Hoist gear<br>Treuil de levage                                 |   | No. of lines<br>Brins                                         |
|  | Working speeds<br>Vitesses                                     |  | Weight<br>Poids                                               |
|  | Max. single line pull<br>Effort au brin maxi.                  |  | Radius<br>Portée                                              |
|  | Rope diameter<br>Diamètre                                      |  | Page<br>Page                                                  |

### Crane specific symbols/Symboles spécifiques à la grue

|                                                                                     |                                                                      |                                                                                     |                                                                                |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|  | Main boom S<br>Flèche principale S                                   |  | Lattice type luffing fly jib W<br>Fléchette treillis à volée variable W        |
|  | Main boom SL/SL2/SL3/SL4/SL8<br>Flèche principale SL/SL2/SL3/SL4/SL8 |  | Counterweight frame B<br>Palette de lest B                                     |
|  | Derrick system D<br>Système derrick D                                |  | Extension of slewing platform ballast<br>Extension de lest de partie tournante |
|  | Fixed lattice jib F<br>Fléchette à treillis fixe F                   |                                                                                     |                                                                                |

## Remarks referring to load charts

1. The lifting capacities do not exceed 75 % of the tipping load according to ASME B 30.5. The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
2. For the calculation of the load charts at least a wind speed of 29 ft/s (9 m/s, 20.1 miles/hour) and regarding the load a sail area of 1 m<sup>2</sup> per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3. The lifting capacities stated are valid for lifting operation only (corresponding with crane classification according to ISO 4301-1, crane group A1).
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
6. The working radii are measured from the slewing centreline.
7. The subsoil must be even and of good bearing capacity.
8. Subject to modification of lifting capacities.
9. The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.

## Remarques relatives aux tableaux des charges

1. La capacité de charge ne doit pas dépasser 75 % de la charge de basculement conformément à ASME B 30.5. La structure métallique de la grue est conforme à EN 13000 et ASME B 30.5.
2. Une vitesse de vent de 29 ft/s (9 m/s, 20.1 miles/hour) minimum, une surface de prise au vent de 1 m<sup>2</sup> par tonne ainsi qu'un coefficient de résistance au vent de la charge 1,2 sont pris en compte pour le calcul des tableaux de charge. Lorsque des charges ayant une surface de prise au vent et/ou un coefficient de résistance au vent plus élevé(e)(s) sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
3. Forces de levage pour application de grue de montage (correspond à la classification de grues selon ISO 4301-1, groupe de grues A1).
4. Les charges sont indiquées en kips.
5. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
6. Les portées sont prises à partir de l'axe de rotation de la partie tournante.
7. Le sol doit être plat et résistant.
8. Charges données sous réserve de modification.
9. Les données de cette brochure sont données à titre informatif. Ces renseignements sont sans garantie. Les consignes relatives à la bonne mise en service de la grue sont disponibles dans le manuel d'utilisation et le manuel de tableaux de charge.

### Proposition 65



**WARNING:** This product can expose you to chemicals, including exhaust emissions, including lead and lead compounds, which are known to the State of California to cause cancer, birth defects or other reproductive harm.  
For more information see: [www.P65warnings.ca.gov/diesel](http://www.P65warnings.ca.gov/diesel)

Subject to modification / Sous réserve de modifications