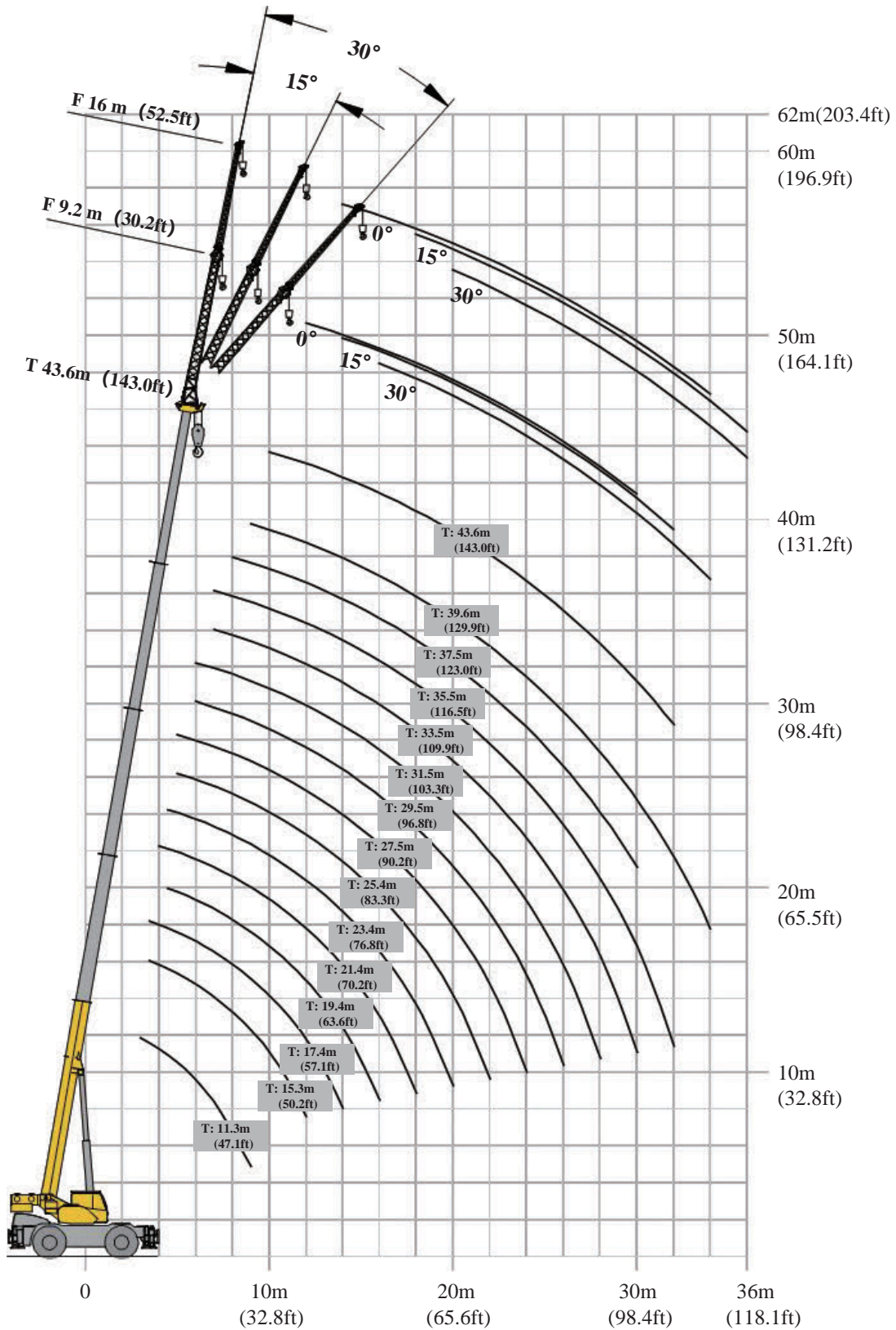


# BOOM / JIB COMBINATIONS

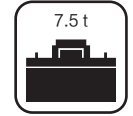
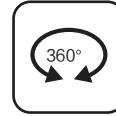
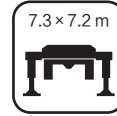
| BOOM                       | BOOM + ONE JIB SECTION       | BOOM + TWO JIB SECTIONS     |
|----------------------------|------------------------------|-----------------------------|
| 11.3~43.6m<br>37.1~143.0ft | 43.6m+9.2m<br>143.0ft+30.2ft | 43.6m+16m<br>143.0ft+52.5ft |





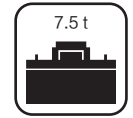
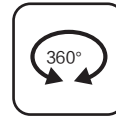
# LOAD CHARTS

**T 11.3~43.6 m**  
**ASME B30.5 85%**    **Units:t**



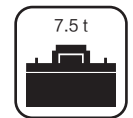
|     | 11.3 | 15.3 | 17.4 | 19.4 | 21.4 | 23.4 | 25.4 | 27.5 | 29.5 | 31.5 | 33.5 | 35.5 | 37.5 | 39.6 | 43.6 |     |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 3   | 55   |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 3   |
| 3.5 | 51.5 | 45   | 24   |      |      |      |      |      |      |      |      |      |      |      |      | 3.5 |
| 4   | 47.5 | 43   | 24   |      | 24   |      |      |      |      |      |      |      |      |      |      | 4   |
| 4.5 | 43   | 40   | 24   | 33   | 24   | 25   |      |      |      |      |      |      |      |      |      | 4.5 |
| 5   | 41.5 | 37.5 | 24   | 31.5 | 24   | 25   | 22.5 | 24.5 |      |      |      |      |      |      |      | 5   |
| 6   | 31   | 33   | 24   | 25   | 24   | 23.2 | 22.5 | 24.5 | 16.5 | 17.5 |      |      |      |      |      | 6   |
| 7   | 27.6 | 27   | 24   | 22.5 | 24   | 21.6 | 19   | 23.2 | 15.4 | 17.5 | 15.9 | 12.3 |      |      |      | 7   |
| 8   | 21.5 | 23.2 | 24   | 20.5 | 23   | 20.2 | 16.6 | 21.8 | 14.2 | 16.5 | 15   | 11.7 | 12   |      |      | 8   |
| 9   | 16.3 | 18.1 | 20.2 | 17.7 | 19.5 | 18.8 | 14.7 | 20.3 | 13.2 | 13.5 | 14.1 | 11   | 11.2 | 11.1 |      | 9   |
| 10  |      | 14.5 | 16.5 | 14.2 | 15.9 | 17.2 | 12.6 | 16.6 | 12.2 | 10.5 | 13.2 | 10.4 | 8.7  | 10.4 | 9    | 10  |
| 12  |      | 9.9  | 11.7 | 9.6  | 11.2 | 12.3 | 10.8 | 11.8 | 10.6 | 9.5  | 12.3 | 9.4  | 8.2  | 9.7  | 7.4  | 12  |
| 14  |      |      | 8.7  | 6.8  | 8.2  | 9.3  | 7.9  | 8.9  | 9.7  | 8.5  | 9.3  | 8.3  | 7.3  | 9.5  | 6.5  | 14  |
| 16  |      |      |      | 4.8  | 6.2  | 7.3  | 5.9  | 6.8  | 7.6  | 6.5  | 7.2  | 7.9  | 6.6  | 7.4  | 5.9  | 16  |
| 18  |      |      |      |      | 4.8  | 5.8  | 4.5  | 5.4  | 6.1  | 5    | 5.7  | 6.4  | 5.4  | 5.9  | 5.7  | 18  |
| 20  |      |      |      |      |      | 4.7  | 3.4  | 4.3  | 5    | 3.9  | 4.6  | 5.3  | 4.3  | 4.8  | 4.6  | 20  |
| 22  |      |      |      |      |      |      | 2.5  | 3.4  | 4.1  | 3.1  | 3.7  | 4.4  | 3.4  | 3.9  | 3.7  | 22  |
| 24  |      |      |      |      |      |      |      | 2.7  | 3.4  | 2.4  | 3    | 3.7  | 2.7  | 3.2  | 3    | 24  |
| 26  |      |      |      |      |      |      |      |      | 2.8  | 1.8  | 2.5  | 3.1  | 2.1  | 2.6  | 2.4  | 26  |
| 28  |      |      |      |      |      |      |      |      |      | 1.3  | 2    | 2.6  | 1.7  | 2.1  | 1.9  | 28  |
| 30  |      |      |      |      |      |      |      |      |      |      | 1.5  | 2.2  | 1.3  | 1.7  | 1.5  | 30  |
| 32  |      |      |      |      |      |      |      |      |      |      |      | 1.8  |      | 1.4  | 1.1  | 32  |
| 34  |      |      |      |      |      |      |      |      |      |      |      |      |      | 1.1  |      | 34  |

**T 11.3~31.5 m**  
**ASME B30.5 85%**    Units:t



|     | 11.3 | 15.3 | 19.4 | 25.4 | 31.5 |     |
|-----|------|------|------|------|------|-----|
| 4   | 10.8 | 8.8  | 8.5  |      |      | 4   |
| 4.5 | 9.1  | 7.4  | 7.1  |      |      | 4.5 |
| 5   | 7.7  | 6.3  | 6    | 7    |      | 5   |
| 5.5 | 6.6  | 5.4  | 5.1  | 6.1  |      | 5.5 |
| 6   | 5.7  | 4.6  | 4.4  | 5.3  | 5.8  | 6   |
| 6.5 | 4.9  | 4    | 3.7  | 4.6  | 5.1  | 6.5 |
| 7   | 4.2  | 2.9  | 2.6  | 3.5  | 4    | 7   |
| 7.5 | 3.1  | 2.1  | 1.8  | 2.7  | 3.1  | 7.5 |
| 8   |      |      |      | 1.4  | 1.9  | 8   |
| 9   |      |      |      |      | 1.1  | 9   |

**T 11.3~31.5 m**  
**ASME B30.5 85%**    Units:t

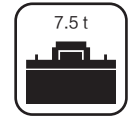
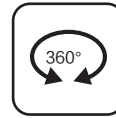
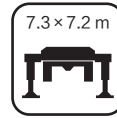
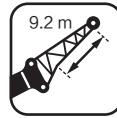


|     | 11.3 | 15.3 | 19.4 | 25.4 | 31.5 |     |
|-----|------|------|------|------|------|-----|
| 3   | 10.6 |      |      |      |      | 3   |
| 3.5 | 9.4  | 9.1  | 8.8  |      |      | 3.5 |
| 4   | 8.3  | 8    | 7.8  |      |      | 4   |
| 4.5 | 7.4  | 7.1  | 6.9  |      |      | 4.5 |
| 5   | 6.6  | 6.3  | 6.1  | 6.8  |      | 5   |
| 5.5 | 5.9  | 5.6  | 5.4  | 6.1  |      | 5.5 |
| 6   | 5.2  | 5    | 4.7  | 5.5  | 6    | 6   |
| 6.5 | 4.7  | 4.4  | 4.2  | 4.9  | 5.4  | 6.5 |
| 7   | 4.2  | 3.9  | 3.7  | 4.4  | 4.9  | 7   |
| 7.5 | 3.2  | 3    | 2.8  | 3.6  | 4    | 7.5 |
| 8   |      | 2.3  | 2.1  | 2.9  | 3.3  | 8   |
| 9   |      | 1.1  |      | 1.7  | 2.2  | 9   |
| 10  |      |      |      |      | 1.3  | 10  |

# LOAD CHARTS

## J 9.2-16 m

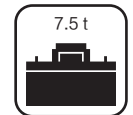
ASME B30.5 85% Units:t



43.6 + 9.2



|    | 0°  | 15° | 30° |    |
|----|-----|-----|-----|----|
| 12 | 5.0 |     |     | 12 |
| 14 | 4.8 | 3.2 |     | 14 |
| 16 | 4.5 | 3.1 | 2.5 | 16 |
| 18 | 4.0 | 3.0 | 2.4 | 18 |
| 20 | 3.2 | 2.9 | 2.2 | 20 |
| 22 | 2.6 | 2.7 | 2.2 | 22 |
| 24 | 2.1 | 2.3 | 2.0 | 24 |
| 26 | 1.7 | 1.9 | 1.9 | 26 |
| 28 | 1.4 | 1.5 | 1.8 | 28 |
| 30 | 1.1 | 1.2 | 1.6 | 30 |
| 32 |     | 0.9 | 1.2 | 32 |
| 34 |     |     | 0.9 | 34 |



43.6 + 16



|    | 0°  | 15° | 30° |    |
|----|-----|-----|-----|----|
| 14 | 2.9 |     |     | 14 |
| 16 | 2.8 |     |     | 16 |
| 18 | 2.7 | 1.9 |     | 18 |
| 20 | 2.5 | 1.8 | 1.3 | 20 |
| 22 | 2.3 | 1.7 | 1.2 | 22 |
| 24 | 2.1 | 1.5 | 1.2 | 24 |
| 26 | 1.9 | 1.4 | 1.2 | 26 |
| 28 | 1.7 | 1.3 | 1.1 | 28 |
| 30 | 1.6 | 1.3 | 1.1 | 30 |
| 32 | 1.2 | 1.2 | 1.0 | 32 |
| 34 | 0.9 | 1.2 | 1.0 | 34 |
| 36 |     | 1.0 | 0.8 | 36 |

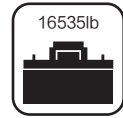
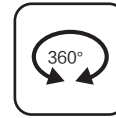
# ROUGH TERRAIN CRANE XCR60\_U

Reach That Matters

**T 37.1~143.0 ft**

**ASME B30.5 85%**

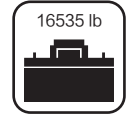
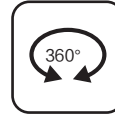
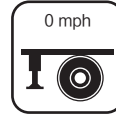
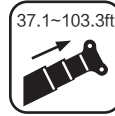
**Units: lb**



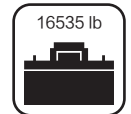
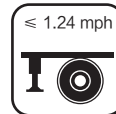
|       | 37.1    | 50.2   | 57.1   | 63.6   | 70.2   | 76.8   | 83.3   | 90.2   | 96.8   | 103.3  | 109.9  | 116.5  | 123.0  | 129.9  | 143.0  |       |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 9.8   | 120,000 |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 9.8   |
| 11.5  | 113,537 | 99,207 | 52,910 |        |        |        |        |        |        |        |        |        |        |        |        | 11.5  |
| 13.1  | 104,719 | 94,798 | 52,910 |        | 52,910 |        |        |        |        |        |        |        |        |        |        | 13.1  |
| 14.8  | 94,798  | 88,184 | 52,910 | 72,752 | 52,910 | 55,115 |        |        |        |        |        |        |        |        |        | 14.8  |
| 16.4  | 91,491  | 82,673 | 52,910 | 69,445 | 52,910 | 55,115 | 49,604 | 54,013 |        |        |        |        |        |        |        | 16.4  |
| 19.7  | 68,343  | 72,752 | 52,910 | 55,115 | 52,910 | 51,147 | 49,604 | 54,013 | 36,376 | 38,581 |        |        |        |        |        | 19.7  |
| 23.0  | 60,847  | 59,524 | 52,910 | 49,604 | 52,910 | 47,619 | 41,887 | 51,147 | 33,951 | 38,581 | 35,053 | 27,117 |        |        |        | 23.0  |
| 26.2  | 47,399  | 51,147 | 52,910 | 45,194 | 50,706 | 44,533 | 36,596 | 48,060 | 31,305 | 36,376 | 33,069 | 25,794 | 26,455 |        |        | 26.2  |
| 29.5  |         | 39,903 | 44,533 | 39,021 | 42,990 | 41,446 | 32,408 | 44,753 | 29,101 | 29,762 | 31,085 | 24,251 | 24,692 | 24,471 |        | 29.5  |
| 32.8  |         | 31,967 | 36,376 | 31,305 | 35,053 | 37,919 | 27,778 | 36,596 | 26,896 | 23,148 | 29,101 | 22,928 | 19,180 | 22,928 | 19,841 | 32.8  |
| 39.4  |         | 21,826 | 25,794 | 21,164 | 24,692 | 27,117 | 23,810 | 26,014 | 23,369 | 20,944 | 27,117 | 20,723 | 18,078 | 21,385 | 16,314 | 39.4  |
| 45.9  |         |        | 19,180 | 14,991 | 18,078 | 20,503 | 17,416 | 19,621 | 21,385 | 18,739 | 20,503 | 18,298 | 16,094 | 20,944 | 14,330 | 45.9  |
| 52.5  |         |        |        | 10,582 | 13,669 | 16,094 | 13,007 | 14,991 | 16,755 | 14,330 | 15,873 | 17,416 | 14,550 | 16,314 | 13,007 | 52.5  |
| 59.1  |         |        |        |        | 10,582 | 12,787 | 9,921  | 11,905 | 13,448 | 11,023 | 12,566 | 14,109 | 11,905 | 13,007 | 12,566 | 59.1  |
| 65.6  |         |        |        |        |        | 10,362 | 7,496  | 9,480  | 11,023 | 8,598  | 10,141 | 11,684 | 9,480  | 10,582 | 10,141 | 65.6  |
| 72.2  |         |        |        |        |        |        | 5,512  | 7,496  | 9,039  | 6,834  | 8,157  | 9,700  | 7,496  | 8,598  | 8,157  | 72.2  |
| 78.7  |         |        |        |        |        |        |        | 5,952  | 7,496  | 5,291  | 6,614  | 8,157  | 5,952  | 7,055  | 6,614  | 78.7  |
| 85.3  |         |        |        |        |        |        |        |        | 6,173  | 3,968  | 5,512  | 6,834  | 4,630  | 5,732  | 5,291  | 85.3  |
| 91.9  |         |        |        |        |        |        |        |        |        | 2,866  | 4,409  | 5,732  | 3,748  | 4,630  | 4,189  | 91.9  |
| 98.4  |         |        |        |        |        |        |        |        |        |        | 3,307  | 4,850  | 2,866  | 3,748  | 3,307  | 98.4  |
| 105.0 |         |        |        |        |        |        |        |        |        |        |        | 3,968  |        | 3,086  | 2,425  | 105.0 |
| 111.5 |         |        |        |        |        |        |        |        |        |        |        |        |        | 2,425  |        | 111.5 |

# LOAD CHARTS

**T 37.1~103.3 ft**  
**ASME B30.5 85%**      **Units: lb**



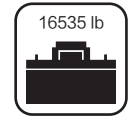
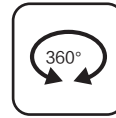
|      | 37.1   | 50.2   | 63.6   | 83.3   | 103.3  |      |
|------|--------|--------|--------|--------|--------|------|
| 9.8  | 23,369 |        |        |        |        | 9.8  |
| 11.5 | 20,723 | 20,062 | 19,400 |        |        | 11.5 |
| 13.1 | 18,298 | 17,637 | 17,196 |        |        | 13.1 |
| 14.8 | 16,314 | 15,653 | 15,212 |        |        | 14.8 |
| 16.4 | 14,550 | 13,889 | 13,448 | 14,991 |        | 16.4 |
| 18.0 | 13,007 | 12,346 | 11,905 | 13,448 |        | 18.0 |
| 19.7 | 11,464 | 11,023 | 10,362 | 12,125 | 13,228 | 19.7 |
| 21.3 | 10,362 | 9,700  | 9,259  | 10,803 | 11,905 | 21.3 |
| 23.0 | 9,259  | 8,598  | 8,157  | 9,700  | 10,803 | 23.0 |
| 24.6 | 7,055  | 6,614  | 6,173  | 7,937  | 8,818  | 24.6 |
| 26.2 |        | 5,071  | 4,630  | 6,393  | 7,275  | 26.2 |
| 29.5 |        | 2,425  |        | 3,748  | 4,850  | 29.5 |
| 32.8 |        |        |        |        | 2,866  | 32.8 |





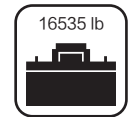
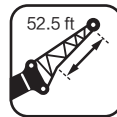
|      | 37.1   | 50.2   | 63.6   | 83.3   | 103.3  |      |
|------|--------|--------|--------|--------|--------|------|
| 13.1 | 23,810 | 19,400 | 18,739 |        |        | 13.1 |
| 14.8 | 20,062 | 16,314 | 15,653 |        |        | 14.8 |
| 16.4 | 16,975 | 13,889 | 13,228 | 15,432 |        | 16.4 |
| 18.0 | 14,550 | 11,905 | 11,243 | 13,448 |        | 18.0 |
| 19.7 | 12,566 | 10,141 | 9,700  | 11,684 | 12,787 | 19.7 |
| 21.3 | 10,803 | 8,818  | 8,157  | 10,141 | 11,243 | 21.3 |
| 23.0 | 9,259  | 6,393  | 5,732  | 7,716  | 8,818  | 23.0 |
| 24.6 | 6,834  | 4,630  | 3,968  | 5,952  | 6,834  | 24.6 |
| 26.2 |        |        |        | 3,086  | 4,189  | 26.2 |
| 29.5 |        |        |        |        | 2,425  | 29.5 |



**J 30.2-52.5 ft**  
**ASME B30.5 85%**

Units: lb



|  | 143.0 ft+30.2ft |       |       |  |
|---|-----------------|-------|-------|---|
|   | 0°              | 15°   | 30°   |   |
| 39.4  | 11,023          |       |       | 39.4  |
| 45.9  | 10,582          | 7,055 |       | 45.9  |
| 52.5  | 9,921           | 6,834 | 5,512 | 52.5  |
| 59.1  | 8,818           | 6,614 | 5,291 | 59.1  |
| 65.6  | 7,055           | 6,393 | 4,850 | 65.6  |
| 72.2  | 5,732           | 5,952 | 4,850 | 72.2  |
| 78.7  | 4,630           | 5,071 | 4,409 | 78.7  |
| 85.3  | 3,748           | 4,189 | 4,189 | 85.3  |
| 91.9  | 3,086           | 3,307 | 3,968 | 91.9  |
| 98.4  | 2,425           | 2,646 | 3,527 | 98.4  |
| 105.0   |                 | 1,984 | 2,646 | 105.0   |
| 111.5   |                 |       | 1,984 | 111.5   |



|  | 143.0 ft+52.5 ft |       |       |  |
|---|------------------|-------|-------|---|
|   | 0°               | 15°   | 30°   |   |
| 45.9  | 6,393            |       |       | 45.9  |
| 52.5  | 6,173            |       |       | 52.5  |
| 59.1  | 5,952            | 4,189 |       | 59.1  |
| 65.6  | 5,512            | 3,968 | 2,866 | 65.6  |
| 72.2  | 5,071            | 3,748 | 2,646 | 72.2  |
| 78.7  | 4,630            | 3,307 | 2,646 | 78.7  |
| 85.3  | 4,189            | 3,086 | 2,646 | 85.3  |
| 91.9  | 3,748            | 2,866 | 2,425 | 91.9  |
| 98.4  | 3,527            | 2,866 | 2,425 | 98.4  |
| 105.0   | 2,646            | 2,646 | 2,205 | 105.0   |
| 111.5   | 1,984            | 2,646 | 2,205 | 111.5   |
| 118.1   |                  | 2,205 | 1,764 | 118.1   |