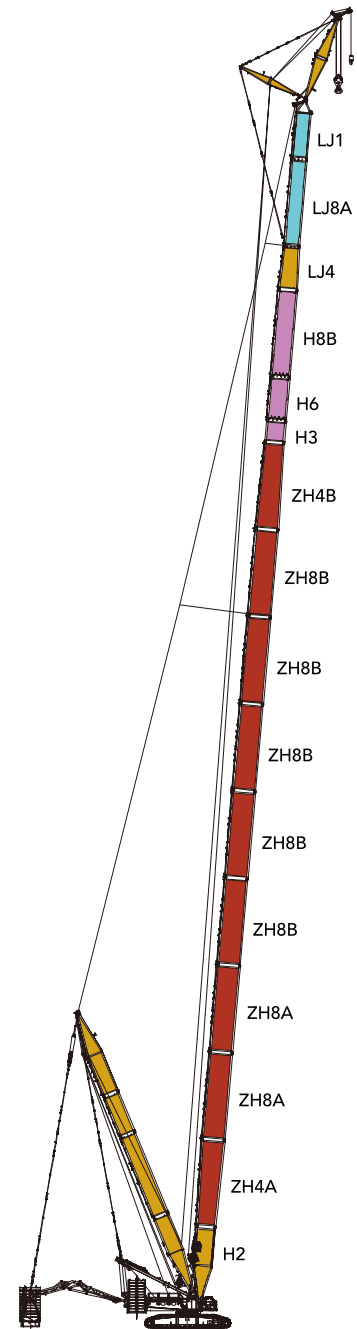


## HJFJDB\_9 Boom Combination

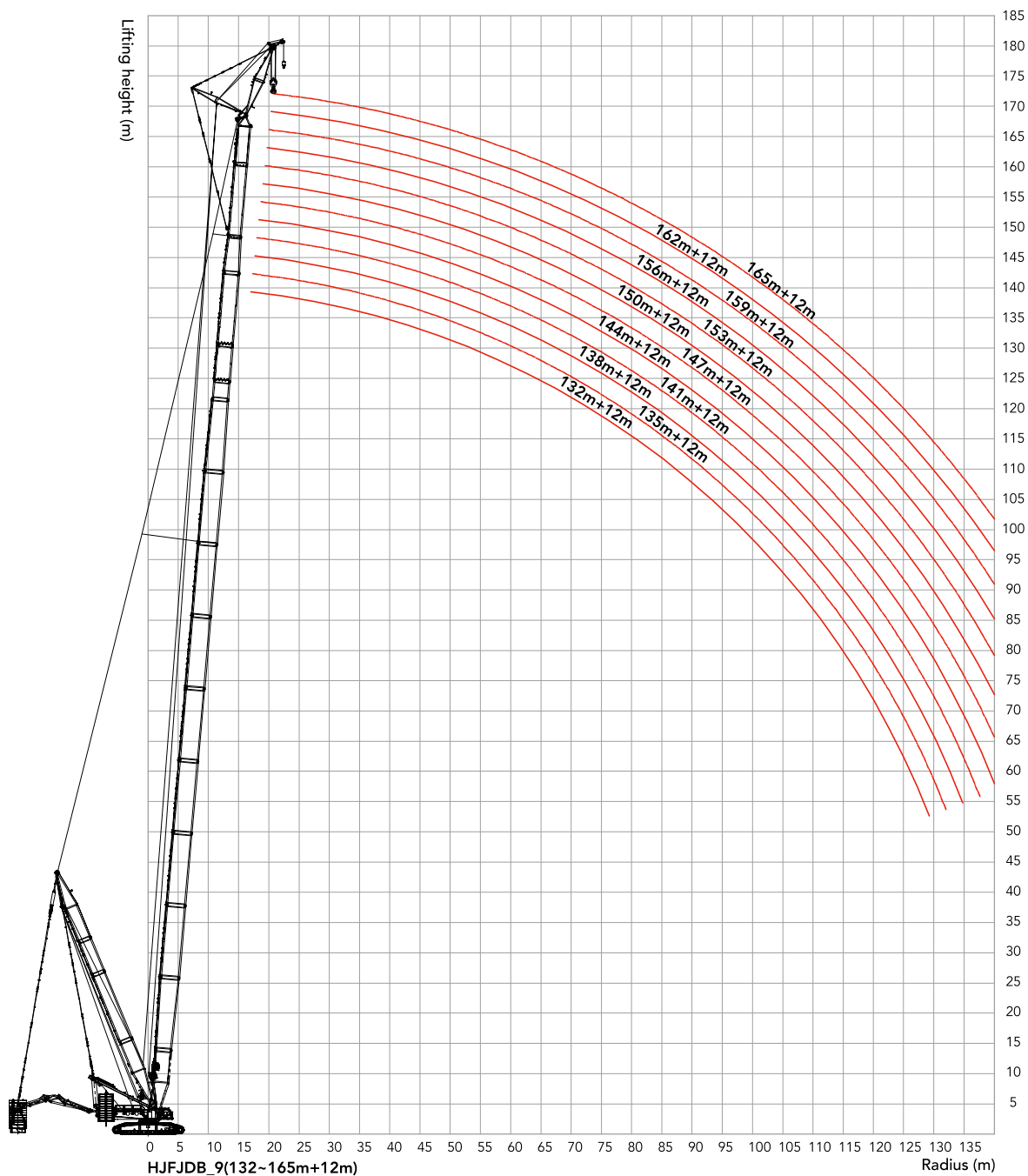
| HJFJDB_9 Boom Combination |            |             |    |     |               |
|---------------------------|------------|-------------|----|-----|---------------|
| Boom length(m)            | Power boom | Boom insert |    |     |               |
|                           | 12m        | 3m          | 6m | 12m |               |
| 132*                      | 8          | 0           | 0  | 0   | Fixed jib 12m |
| 135*                      | 8          | 1           | 0  | 0   |               |
| 138*                      | 8          | 0           | 1  | 0   |               |
| 141*                      | 8          | 1           | 1  | 0   |               |
| 144*                      | 9          | 0           | 0  | 0   |               |
| 147*                      | 9          | 1           | 0  | 0   |               |
| 150*                      | 9          | 0           | 1  | 0   |               |
| 153*                      | 9          | 1           | 1  | 0   |               |
| 156*                      | 9          | 0           | 0  | 1   |               |
| 159*                      | 9          | 1           | 0  | 1   |               |
| 162*                      | 9          | 0           | 1  | 1   |               |
| 165*                      | 9          | 1           | 1  | 1   |               |

Note: Boom base, 6m tapered section, 12m jib insert and jib top are must.  
For combinations marked with "\*\*", the mid-suspension cable is must, otherwise, the boom may break.



HJFJDB\_9(132~165m+12m)

## Working Radius of HJFJDB\_9 Configuration



Unit: t

## Load Chart of HJFJDB\_9 Configuration

| SCC7000A-HJFJDB_9 configuration 1/3                                                                                                                                            |      |      |      |      |      |      |      |      |      |      |      |      |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 132m~165m, Jib length: 12m, Boom to jib angle: 10°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t |      |      |      |      |      |      |      |      |      |      |      |      |            |
| Radius (m)                                                                                                                                                                     | 132  | 135  | 138  | 141  | 144  | 147  | 150  | 153  | 156  | 159  | 162  | 165  | Radius (m) |
| 20                                                                                                                                                                             | 160  | 155  | 148  | 141  | 135  | 130  | 124  | 118  |      |      |      |      | 20         |
| 22                                                                                                                                                                             | 159  | 156  | 148  | 141  | 135  | 129  | 124  | 118  | 113  | 108  | 103  | 99.2 | 22         |
| 24                                                                                                                                                                             | 158  | 156  | 148  | 142  | 135  | 130  | 124  | 118  | 113  | 108  | 102  | 97.7 | 24         |
| 26                                                                                                                                                                             | 157  | 154  | 148  | 141  | 135  | 130  | 124  | 118  | 113  | 107  | 102  | 97.3 | 26         |
| 28                                                                                                                                                                             | 153  | 151  | 147  | 140  | 135  | 130  | 124  | 118  | 113  | 107  | 101  | 95.7 | 28         |
| 30                                                                                                                                                                             | 149  | 146  | 143  | 140  | 135  | 130  | 124  | 117  | 112  | 106  | 101  | 95.1 | 30         |
| 32                                                                                                                                                                             | 146  | 143  | 140  | 137  | 135  | 129  | 123  | 117  | 111  | 105  | 100  | 94.5 | 32         |
| 34                                                                                                                                                                             | 141  | 139  | 136  | 134  | 134  | 128  | 122  | 116  | 111  | 105  | 99.4 | 94.0 | 34         |
| 36                                                                                                                                                                             | 138  | 135  | 133  | 131  | 134  | 128  | 122  | 115  | 110  | 104  | 98.7 | 93.3 | 36         |
| 38                                                                                                                                                                             | 134  | 132  | 129  | 128  | 130  | 127  | 121  | 115  | 109  | 104  | 98.2 | 92.7 | 38         |
| 40                                                                                                                                                                             | 131  | 128  | 126  | 124  | 128  | 126  | 120  | 114  | 109  | 103  | 97.5 | 92.1 | 40         |
| 44                                                                                                                                                                             | 124  | 122  | 119  | 117  | 121  | 125  | 119  | 112  | 107  | 101  | 96.2 | 90.7 | 44         |
| 48                                                                                                                                                                             | 118  | 116  | 114  | 112  | 116  | 113  | 111  | 109  | 106  | 100  | 94.8 | 89.5 | 48         |
| 52                                                                                                                                                                             | 112  | 110  | 108  | 106  | 106  | 103  | 102  | 99.7 | 98.3 | 96.0 | 93.4 | 88.2 | 52         |
| 56                                                                                                                                                                             | 106  | 103  | 101  | 99.4 | 97.9 | 95.5 | 93.7 | 91.4 | 90.1 | 87.9 | 86.2 | 84.0 | 56         |
| 60                                                                                                                                                                             | 98.2 | 95.8 | 94.1 | 91.8 | 90.4 | 88.1 | 86.4 | 84.2 | 83.0 | 80.8 | 79.2 | 77.0 | 60         |
| 64                                                                                                                                                                             | 97.6 | 88.9 | 87.2 | 85.0 | 83.7 | 81.5 | 79.9 | 77.8 | 76.6 | 74.5 | 72.9 | 70.9 | 64         |
| 68                                                                                                                                                                             | 90.9 | 88.7 | 87.1 | 85.0 | 77.8 | 75.6 | 74.1 | 72.0 | 70.9 | 68.9 | 67.4 | 65.4 | 68         |
| 72                                                                                                                                                                             | 84.9 | 82.8 | 81.3 | 79.2 | 78.0 | 76.0 | 68.8 | 66.8 | 65.8 | 63.8 | 62.3 | 60.4 | 72         |
| 76                                                                                                                                                                             | 79.3 | 77.3 | 75.9 | 73.9 | 72.9 | 70.9 | 69.4 | 67.4 | 66.4 | 59.2 | 57.8 | 55.9 | 76         |
| 80                                                                                                                                                                             | 73.8 | 72.3 | 71.0 | 69.1 | 68.1 | 66.2 | 64.8 | 62.9 | 61.9 | 60.0 | 58.6 | 51.7 | 80         |
| 84                                                                                                                                                                             | 67.8 | 66.6 | 65.9 | 64.6 | 63.7 | 61.8 | 60.5 | 58.6 | 57.8 | 55.9 | 54.6 | 52.8 | 84         |
| 88                                                                                                                                                                             | 62.4 | 61.1 | 60.5 | 59.2 | 58.9 | 57.6 | 56.5 | 54.7 | 53.9 | 52.1 | 50.9 | 49.1 | 88         |
| 92                                                                                                                                                                             | 57.5 | 56.2 | 55.5 | 54.2 | 54.0 | 52.7 | 52.0 | 50.7 | 50.4 | 48.6 | 47.4 | 45.6 | 92         |
| 96                                                                                                                                                                             | 52.9 | 51.7 | 51.0 | 49.7 | 49.5 | 48.2 | 47.5 | 46.2 | 46.0 | 44.8 | 44.0 | 42.4 | 96         |
| 100                                                                                                                                                                            | 48.8 | 47.5 | 46.8 | 45.6 | 45.3 | 44.0 | 43.3 | 42.0 | 41.9 | 40.6 | 39.9 | 38.6 | 100        |
| 104                                                                                                                                                                            | 44.9 | 43.7 | 43.0 | 41.7 | 41.5 | 40.2 | 39.5 | 38.2 | 38.0 | 36.7 | 36.0 | 34.8 | 104        |
| 108                                                                                                                                                                            | 41.4 | 40.1 | 39.4 | 38.2 | 37.9 | 36.6 | 35.9 | 34.6 | 34.5 | 33.2 | 32.5 | 31.2 | 108        |
| 112                                                                                                                                                                            | 38.1 | 36.8 | 36.1 | 34.9 | 34.6 | 33.3 | 32.6 | 31.3 | 31.2 | 29.9 | 29.2 | 27.9 | 112        |
| 116                                                                                                                                                                            | 35.0 | 33.7 | 33.1 | 31.8 | 31.5 | 30.2 | 29.6 | 28.3 | 28.1 | 26.8 | 26.1 | 24.9 | 116        |
| 120                                                                                                                                                                            | 32.1 | 30.9 | 30.2 | 28.9 | 28.7 | 27.4 | 26.7 | 25.4 | 25.2 | 24.0 | 23.3 | 22.0 | 120        |
| 124                                                                                                                                                                            |      | 28.2 | 27.5 | 26.2 | 26.0 | 24.7 | 24.0 | 22.7 | 22.6 | 21.3 | 20.6 | 19.3 | 124        |
| 128                                                                                                                                                                            |      |      |      | 23.7 | 23.5 | 22.2 | 21.5 | 20.2 | 20.1 | 18.8 | 18.1 | 16.8 | 128        |
| 132                                                                                                                                                                            |      |      |      |      |      | 19.8 | 19.1 | 17.9 | 17.7 | 16.4 | 15.7 | 14.4 | 132        |
| 136                                                                                                                                                                            |      |      |      |      |      |      | 16.9 | 15.6 | 15.5 | 14.2 | 13.5 | 12.2 | 136        |
| 140                                                                                                                                                                            |      |      |      |      |      |      |      |      | 13.4 | 12.1 | 11.4 | 10.1 | 140        |
| 144                                                                                                                                                                            |      |      |      |      |      |      |      |      |      | 10.1 | 9.4  | 8.1  | 144        |
| 148                                                                                                                                                                            |      |      |      |      |      |      |      |      |      |      |      | 6.3  | 148        |

**Load Chart of HJFJDB\_9 Configuration****SCC7000A-HJFJDB\_9 configuration 2/3**

Boom length: 132m~165m, Jib length: 12m, Boom to jib angle: 15°, Superlift radius: 21m, Superlift counterweight: 0t~360t,  
Rear counterweight: 210t, Carbody counterweight: 70t

| Radius<br>(m) | 132  | 135  | 138  | 141  | 144  | 147  | 150  | 153  | 156  | 159  | 162  | 165  | Radius<br>(m) |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|---------------|
| 20            | 152  | 150  | 146  | 138  |      |      |      |      |      |      |      |      | 20            |
| 22            | 149  | 146  | 144  | 138  | 131  | 128  | 122  | 117  | 112  | 106  | 101  | 98.0 | 22            |
| 24            | 146  | 143  | 140  | 138  | 131  | 128  | 123  | 117  | 112  | 107  | 102  | 98.0 | 24            |
| 26            | 143  | 140  | 138  | 135  | 131  | 128  | 123  | 117  | 112  | 107  | 102  | 98.0 | 26            |
| 28            | 139  | 138  | 134  | 133  | 131  | 128  | 123  | 117  | 112  | 107  | 101  | 97.0 | 28            |
| 30            | 136  | 134  | 131  | 130  | 131  | 128  | 123  | 117  | 112  | 106  | 101  | 95.3 | 30            |
| 32            | 133  | 131  | 128  | 127  | 129  | 128  | 123  | 117  | 112  | 106  | 100  | 94.7 | 32            |
| 34            | 129  | 128  | 126  | 123  | 126  | 126  | 123  | 116  | 111  | 105  | 99.7 | 94.2 | 34            |
| 36            | 126  | 125  | 123  | 121  | 123  | 122  | 122  | 116  | 110  | 104  | 99.1 | 93.7 | 36            |
| 38            | 123  | 122  | 120  | 118  | 121  | 121  | 121  | 115  | 110  | 104  | 98.5 | 93.1 | 38            |
| 40            | 121  | 120  | 117  | 116  | 119  | 121  | 121  | 114  | 109  | 103  | 98.0 | 92.4 | 40            |
| 44            | 116  | 114  | 112  | 111  | 114  | 114  | 115  | 113  | 108  | 102  | 96.7 | 91.3 | 44            |
| 48            | 111  | 109  | 107  | 105  | 109  | 104  | 111  | 109  | 107  | 101  | 95.4 | 90.1 | 48            |
| 52            | 107  | 104  | 102  | 101  | 104  | 104  | 102  | 99.9 | 98.5 | 96.2 | 94.2 | 88.8 | 52            |
| 56            | 102  | 99.9 | 97.4 | 96.1 | 98.0 | 95.7 | 93.9 | 91.6 | 90.4 | 88.1 | 86.5 | 84.3 | 56            |
| 60            | 97.4 | 95.5 | 93.6 | 92.0 | 90.6 | 88.3 | 86.6 | 84.4 | 83.2 | 81.1 | 79.4 | 77.3 | 60            |
| 64            | 93.4 | 89.1 | 87.4 | 85.2 | 83.9 | 81.8 | 80.1 | 78.0 | 76.9 | 74.8 | 73.2 | 71.2 | 64            |
| 68            | 90.2 | 88.5 | 86.8 | 79.2 | 78.0 | 75.9 | 74.3 | 72.2 | 71.2 | 69.1 | 67.6 | 65.6 | 68            |
| 72            | 85.0 | 83.0 | 81.5 | 79.4 | 78.2 | 76.2 | 69.0 | 67.0 | 66.0 | 64.1 | 62.6 | 60.7 | 72            |
| 76            | 79.5 | 77.5 | 76.1 | 74.1 | 73.1 | 71.1 | 69.6 | 67.6 | 61.4 | 59.4 | 58.0 | 56.1 | 76            |
| 80            | 74.3 | 72.5 | 71.2 | 69.3 | 68.3 | 66.4 | 65.0 | 63.1 | 62.2 | 60.3 | 53.9 | 52.0 | 80            |
| 84            | 68.3 | 67.0 | 66.3 | 64.8 | 63.9 | 62.0 | 60.7 | 58.9 | 58.0 | 56.2 | 54.9 | 53.0 | 84            |
| 88            | 62.8 | 61.5 | 60.9 | 59.6 | 59.4 | 58.0 | 56.8 | 55.0 | 54.2 | 52.4 | 51.1 | 49.3 | 88            |
| 92            | 57.8 | 56.6 | 55.9 | 54.7 | 54.4 | 53.1 | 52.5 | 51.2 | 50.6 | 48.9 | 47.6 | 45.9 | 92            |
| 96            | 53.3 | 52.0 | 51.4 | 50.1 | 49.9 | 48.6 | 47.9 | 46.6 | 46.5 | 45.2 | 44.4 | 42.7 | 96            |
| 100           | 49.1 | 47.8 | 47.2 | 45.9 | 45.7 | 44.4 | 43.7 | 42.4 | 42.3 | 41.0 | 40.3 | 39.1 | 100           |
| 104           | 45.2 | 44.0 | 43.3 | 42.0 | 41.8 | 40.5 | 39.8 | 38.6 | 38.4 | 37.1 | 36.4 | 35.2 | 104           |
| 108           | 41.6 | 40.4 | 39.7 | 38.5 | 38.2 | 36.9 | 36.3 | 35.0 | 34.8 | 33.6 | 32.9 | 31.6 | 108           |
| 112           | 38.3 | 37.1 | 36.4 | 35.1 | 34.9 | 33.6 | 32.9 | 31.7 | 31.5 | 30.2 | 29.5 | 28.3 | 112           |
| 116           | 35.2 | 34.0 | 33.3 | 32.0 | 31.8 | 30.5 | 29.8 | 28.6 | 28.4 | 27.1 | 26.5 | 25.2 | 116           |
| 120           | 32.3 | 31.1 | 30.4 | 29.2 | 28.9 | 27.6 | 27.0 | 25.7 | 25.5 | 24.3 | 23.6 | 22.3 | 120           |
| 124           |      | 28.3 | 27.7 | 26.4 | 26.2 | 24.9 | 24.3 | 23.0 | 22.8 | 21.6 | 20.9 | 19.6 | 124           |
| 128           |      |      |      | 23.9 | 23.7 | 22.4 | 21.7 | 20.4 | 20.3 | 19.0 | 18.3 | 17.1 | 128           |
| 132           |      |      |      |      | 21.3 | 20.0 | 19.3 | 18.1 | 17.9 | 16.6 | 15.9 | 14.7 | 132           |
| 136           |      |      |      |      |      |      | 17.1 | 15.8 | 15.7 | 14.4 | 13.7 | 12.4 | 136           |
| 140           |      |      |      |      |      |      |      |      | 13.5 | 12.3 | 11.6 | 10.3 | 140           |
| 144           |      |      |      |      |      |      |      |      |      | 10.3 | 9.6  | 8.3  | 144           |
| 148           |      |      |      |      |      |      |      |      |      |      |      | 6.4  | 148           |

Unit: t

## Load Chart of HJFJDB\_9 Configuration

| SCC7000A-HJFJDB_9 configuration 3/3                                                                                                                                            |      |      |      |      |      |      |      |      |      |      |      |      |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| Boom length: 132m~165m, Jib length: 12m, Boom to jib angle: 20°, Superlift radius: 21m, Superlift counterweight: 0t~360t, Rear counterweight: 210t, Carbody counterweight: 70t |      |      |      |      |      |      |      |      |      |      |      |      |            |
| Radius (m)                                                                                                                                                                     | 132  | 135  | 138  | 141  | 144  | 147  | 150  | 153  | 156  | 159  | 162  | 165  | Radius (m) |
| 22                                                                                                                                                                             | 123  | 123  | 123  | 123  | 123  | 124  | 120  | 115  |      |      |      |      | 22         |
| 24                                                                                                                                                                             | 120  | 120  | 120  | 120  | 121  | 122  | 121  | 115  | 110  | 105  | 99.7 | 95.4 | 24         |
| 26                                                                                                                                                                             | 118  | 117  | 117  | 117  | 118  | 120  | 120  | 115  | 110  | 105  | 99.9 | 95.5 | 26         |
| 28                                                                                                                                                                             | 115  | 115  | 115  | 115  | 116  | 117  | 117  | 114  | 110  | 105  | 101  | 95.6 | 28         |
| 30                                                                                                                                                                             | 113  | 112  | 113  | 113  | 114  | 115  | 115  | 115  | 111  | 105  | 101  | 95.1 | 30         |
| 32                                                                                                                                                                             | 110  | 110  | 111  | 111  | 111  | 113  | 113  | 113  | 111  | 106  | 100  | 94.6 | 32         |
| 34                                                                                                                                                                             | 107  | 108  | 108  | 109  | 109  | 111  | 111  | 110  | 110  | 105  | 99.6 | 94.2 | 34         |
| 36                                                                                                                                                                             | 105  | 106  | 106  | 106  | 107  | 109  | 109  | 109  | 109  | 104  | 99.1 | 93.7 | 36         |
| 38                                                                                                                                                                             | 104  | 104  | 104  | 104  | 105  | 107  | 107  | 107  | 107  | 104  | 98.6 | 93.1 | 38         |
| 40                                                                                                                                                                             | 102  | 102  | 102  | 102  | 103  | 105  | 105  | 105  | 105  | 103  | 98.1 | 92.6 | 40         |
| 44                                                                                                                                                                             | 97.7 | 97.7 | 98.3 | 98.6 | 99.6 | 101  | 101  | 102  | 102  | 102  | 96.9 | 91.5 | 44         |
| 48                                                                                                                                                                             | 93.9 | 94.7 | 94.6 | 95.0 | 96.3 | 98.0 | 98.3 | 98.3 | 98.2 | 98.3 | 95.8 | 90.3 | 48         |
| 52                                                                                                                                                                             | 90.9 | 91.8 | 91.8 | 92.2 | 92.9 | 94.3 | 94.6 | 95.3 | 95.3 | 95.6 | 94.5 | 89.2 | 52         |
| 56                                                                                                                                                                             | 88.0 | 88.9 | 88.9 | 89.4 | 90.3 | 91.9 | 92.3 | 91.8 | 90.6 | 88.4 | 86.7 | 84.6 | 56         |
| 60                                                                                                                                                                             | 85.0 | 86.0 | 86.1 | 86.5 | 87.8 | 88.5 | 86.8 | 84.6 | 83.4 | 81.3 | 79.7 | 77.6 | 60         |
| 64                                                                                                                                                                             | 82.9 | 83.1 | 83.9 | 84.4 | 84.1 | 81.9 | 80.3 | 78.2 | 77.1 | 75.0 | 73.4 | 71.4 | 64         |
| 68                                                                                                                                                                             | 80.8 | 81.0 | 81.1 | 79.4 | 78.2 | 76.1 | 74.5 | 72.5 | 71.4 | 69.4 | 67.9 | 65.9 | 68         |
| 72                                                                                                                                                                             | 78.3 | 79.0 | 79.0 | 79.6 | 78.4 | 70.7 | 69.3 | 67.3 | 66.3 | 64.3 | 62.9 | 60.9 | 72         |
| 76                                                                                                                                                                             | 76.3 | 76.9 | 76.3 | 74.3 | 73.3 | 71.3 | 69.8 | 67.9 | 61.6 | 59.7 | 58.3 | 56.4 | 76         |
| 80                                                                                                                                                                             | 74.6 | 72.7 | 71.4 | 69.5 | 68.5 | 66.6 | 65.2 | 63.3 | 62.4 | 60.5 | 54.1 | 52.3 | 80         |
| 84                                                                                                                                                                             | 68.7 | 67.4 | 66.8 | 65.0 | 64.1 | 62.3 | 60.9 | 59.1 | 58.2 | 56.4 | 55.1 | 53.3 | 84         |
| 88                                                                                                                                                                             | 63.2 | 61.9 | 61.3 | 60.0 | 59.8 | 58.2 | 57.0 | 55.2 | 54.4 | 52.6 | 51.3 | 49.6 | 88         |
| 92                                                                                                                                                                             | 58.2 | 56.9 | 56.3 | 55.0 | 54.8 | 53.5 | 52.9 | 51.5 | 50.8 | 49.1 | 47.8 | 46.1 | 92         |
| 96                                                                                                                                                                             | 53.6 | 52.3 | 51.7 | 50.4 | 50.2 | 48.9 | 48.3 | 47.0 | 46.9 | 45.6 | 44.6 | 42.9 | 96         |
| 100                                                                                                                                                                            | 49.4 | 48.1 | 47.5 | 46.2 | 46.0 | 44.7 | 44.1 | 42.8 | 42.6 | 41.4 | 40.7 | 39.5 | 100        |
| 104                                                                                                                                                                            | 45.5 | 44.2 | 43.6 | 42.3 | 42.1 | 40.8 | 40.2 | 38.9 | 38.8 | 37.5 | 36.8 | 35.6 | 104        |
| 108                                                                                                                                                                            | 41.9 | 40.6 | 40.0 | 38.7 | 38.5 | 37.2 | 36.6 | 35.3 | 35.1 | 33.9 | 33.2 | 32.0 | 108        |
| 112                                                                                                                                                                            | 38.5 | 37.3 | 36.6 | 35.4 | 35.1 | 33.9 | 33.2 | 32.0 | 31.8 | 30.5 | 29.9 | 28.6 | 112        |
| 116                                                                                                                                                                            | 35.4 | 34.1 | 33.5 | 32.3 | 32.0 | 30.8 | 30.1 | 28.8 | 28.7 | 27.4 | 26.7 | 25.5 | 116        |
| 120                                                                                                                                                                            | 32.5 | 31.2 | 30.6 | 29.3 | 29.1 | 27.8 | 27.2 | 25.9 | 25.8 | 24.5 | 23.8 | 22.6 | 120        |
| 124                                                                                                                                                                            |      | 28.5 | 27.8 | 26.6 | 26.4 | 25.1 | 24.5 | 23.2 | 23.0 | 21.8 | 21.1 | 19.9 | 124        |
| 128                                                                                                                                                                            |      |      |      | 24.0 | 23.8 | 22.6 | 21.9 | 20.6 | 20.5 | 19.2 | 18.6 | 17.3 | 128        |
| 132                                                                                                                                                                            |      |      |      |      | 21.4 | 20.1 | 19.5 | 18.2 | 18.1 | 16.8 | 16.2 | 14.9 | 132        |
| 136                                                                                                                                                                            |      |      |      |      |      |      | 17.2 | 16.0 | 15.8 | 14.6 | 13.9 | 12.6 | 136        |
| 140                                                                                                                                                                            |      |      |      |      |      |      |      | 13.8 | 13.7 | 12.4 | 11.8 | 10.5 | 140        |
| 144                                                                                                                                                                            |      |      |      |      |      |      |      |      |      | 10.4 | 9.7  | 8.5  | 144        |
| 148                                                                                                                                                                            |      |      |      |      |      |      |      |      |      |      |      | 6.6  | 148        |