

16C1320-/3-3

| RADIUS | BOOM LENGTH (m) |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         |         |         |
|--------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
|        | 5.67            | 6.00   | 6.50   | 7.00   | 7.50   | 8.00   | 8.50   | 9.00   | 9.50   | 10.00  | 10.50  | 11.00  | 11.50  | 12.00  | 12.50   | 13.00   | 13.50   | 13.85   |
| 1.6    | 16800           | 16250  | 15450  | 14900  |        |        |        |        |        |        |        |        |        |        |         |         |         |         |
|        | 12600           | 12600  | 12600  | 12600  |        |        |        |        |        |        |        |        |        |        |         |         |         |         |
| 2.0    | 48              | 51     | 54     | 57     |        |        |        |        |        |        |        |        |        |        |         |         |         |         |
|        | 16800           | 16800  | 16500  | 15700  | 15100  | 14700  | 14350  |        |        |        |        |        |        |        |         |         |         |         |
| 2.5    | 12600           | 12600  | 12600  | 12600  | 12600  | 12600  | 12600  | 12600  | 12600  | 12600  |        |        |        |        |         |         |         |         |
|        | 42              | 46     | 50     | 53     | 56     | 58     | 60     |        |        |        |        |        |        |        |         |         |         |         |
| 3.0    | 13900           | 13900  | 13900  | 13850  | 13850  | 13850  | 13850  | 13200  | 13000  |        |        |        |        |        |         |         |         |         |
|        | 12150           | 12150  | 12100  | 12100  | 12100  | 12100  | 12100  | 12050  | 12050  |        |        |        |        |        |         |         |         |         |
| 3.5    | 34              | 39     | 44     | 48     | 51     | 54     | 56     | 58     | 60     |        |        |        |        |        |         |         |         |         |
|        | 11450           | 11450  | 11450  | 11400  | 11400  | 11400  | 11400  | 11400  | 11400  | 11150  | 10250  |        |        |        |         |         |         |         |
| 4.0    | 9950            | 9950   | 9950   | 9950   | 9950   | 9950   | 9900   | 9900   | 9900   | 9900   | 9900   |        |        |        |         |         |         |         |
|        | 25              | 31     | 37     | 42     | 46     | 49     | 52     | 55     | 57     | 59     | 60     |        |        |        |         |         |         |         |
| 4.5    | 9650            | 9650   | 9650   | 9650   | 9650   | 9650   | 9650   | 9650   | 9650   | 9650   | 9500   | 8150   | 7500   |        |         |         |         |         |
|        | 8400            | 8400   | 8400   | 8400   | 8400   | 8400   | 8400   | 8400   | 8350   | 8350   | 8350   | 8150   | 7500   |        |         |         |         |         |
| 5.0    | 8               | 20     | 29     | 36     | 41     | 45     | 48     | 51     | 53     | 55     | 57     | 59     | 60     |        |         |         |         |         |
|        | 9450            | 8550   | 8350   | 8350   | 8350   | 8350   | 8350   | 8350   | 8300   | 8300   | 8300   | 7600   | 7000   | 6700   | 6450    |         |         |         |
| 5.5    | 8200            | 7450   | 7250   | 7250   | 7250   | 7250   | 7250   | 7200   | 7200   | 7200   | 7200   | 7200   | 7000   | 6700   | 6450    |         |         |         |
|        | (3.57)          | (3.90) | 19     | 28     | 35     | 39     | 43     | 47     | 49     | 52     | 54     | 56     | 57     | 59     | 60      |         |         |         |
| 6.0    |                 |        | 7500   | 7300   | 7300   | 7300   | 7300   | 7300   | 7300   | 7300   | 7300   | 7150   | 6550   | 6250   | 6050    | 5800    | 5650    |         |
|        |                 |        | 6500   | 6350   | 6350   | 6350   | 6350   | 6350   | 6300   | 6300   | 6300   | 6300   | 6300   | 6250   | 6050    | 5800    | 5650    |         |
| 6.5    |                 |        | (4.40) | 19     | 27     | 34     | 38     | 42     | 45     | 48     | 50     | 52     | 54     | 56     | 58      | 59      | 60      |         |
|        |                 |        |        | 6650   | 6500   | 6500   | 6500   | 6500   | 6500   | 6500   | 6500   | 6500   | 6150   | 5900   | 5650    | 5450    | 5300    | 5150    |
| 7.0    |                 |        |        | 5750   | 5600   | 5600   | 5600   | 5600   | 5600   | 5600   | 5600   | 5600   | 5600   | 5600   | 5600    | 5450    | 5300    | 5150    |
|        |                 |        |        | (4.90) | 18     | 27     | 33     | 37     | 41     | 44     | 47     | 49     | 51     | 53     | 55      | 56      | 58      | 59      |
| 7.5    |                 |        |        |        | 5950   | 5350   | 5250   | 5250   | 5250   | 5250   | 5250   | 5250   | 5250   | 5250   | 5050    | 4850    | 4700    | 4600    |
|        |                 |        |        |        | 5100   | 4600   | 4550   | 4550   | 4550   | 4500   | 4500   | 4500   | 4500   | 4500   | 4500    | 4500    | 4500    | 4500    |
| 8.0    |                 |        |        |        | (5.40) | (5.90) | 17     | 25     | 31     | 35     | 39     | 42     | 45     | 47     | 49      | 51      | 53      | 54      |
|        |                 |        |        |        |        |        | 4850   | 4450   | 4400   | 4400   | 4400   | 4400   | 4400   | 4350   | 4350    | 4350    | 4200    | 3950    |
| 8.5    |                 |        |        |        |        |        | 4200   | 3800   | 3750   | 3750   | 3750   | 3750   | 3750   | 3750   | 3750    | 3750    | 3750    | 3750    |
|        |                 |        |        |        |        |        | (6.40) | (6.90) | 16     | 24     | 29     | 34     | 37     | 40     | 43      | 45      | 47      | 48      |
| 9.0    |                 |        |        |        |        |        |        |        | 4100   | 3750   | 3700   | 3700   | 3700   | 3700   | 3700    | 3700    | 3700    | 3600    |
|        |                 |        |        |        |        |        |        |        | 3500   | 3200   | 3150   | 3150   | 3150   | 3150   | 3150    | 3150    | 3150    | 3150    |
| 9.5    |                 |        |        |        |        |        |        |        | (7.40) | (7.90) | 15     | 23     | 28     | 32     | 36      | 38      | 41      | 43      |
|        |                 |        |        |        |        |        |        |        |        |        | 3500   | 3250   | 3200   | 3200   | 3200    | 3200    | 3200    | 3200    |
| 10.0   |                 |        |        |        |        |        |        |        |        |        | 2950   | 2750   | 2700   | 2700   | 2700    | 2700    | 2700    | 2700    |
|        |                 |        |        |        |        |        |        |        |        |        | (8.40) | (8.90) | 15     | 22     | 27      | 31      | 34      | 36      |
| 10.5   |                 |        |        |        |        |        |        |        |        |        |        |        | 3000   | 2800   | 2800    | 2800    | 2800    | 2800    |
|        |                 |        |        |        |        |        |        |        |        |        |        |        | 2550   | 2400   | 2350    | 2350    | 2350    | 2350    |
| 11.0   |                 |        |        |        |        |        |        |        |        |        |        |        | (9.40) | (9.90) | 14      | 21      | 26      | 29      |
|        |                 |        |        |        |        |        |        |        |        |        |        |        |        |        | 2650    | 2500    | 2450    | 2450    |
| 11.5   |                 |        |        |        |        |        |        |        |        |        |        |        |        |        | 2200    | 2100    | 2050    | 2050    |
|        |                 |        |        |        |        |        |        |        |        |        |        |        |        |        | (10.40) | (10.90) | 13      | 18      |
| 11.75  |                 |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         | 2350    | 2250    |
|        |                 |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         | 1950    | 1850    |
|        |                 |        |        |        |        |        |        |        |        |        |        |        |        |        |         |         | (11.40) | (11.75) |

SWL (KG) LESS THAN 10 DEG ARTICULATION  
 SWL (KG) GREATER THAN 10 DEG ARTICULATION  
 BOOM ANGLE OR (RADIUS AT 0 DEG BOOM ANGLE)

Weight of slings & hook block to be added to load  
 Read and understand warning notes before operating crane  
 Loads above bold red line are structural

**LMI Duty**  
**Lifting on WINCH**  
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