

# Wire Rope Specifications

## 14000 SERIES 2

Liftcrane - Fixed Jib No. 138 On  
Luffing Jib No. 135 On  
Boom No. 76

| Wire Rope Lengths<br>(Includes All Luffing Jib and Fixed Jib Lengths) |        |   |        |
|---|--------|---|--------|
| Boom Length   |        | Fixed Jib Whip Line<br>Drum 1<br>1 Part |        |
| Feet  | Meters | Feet                                    | Meters |
| 65.6  | 20     | 650                                     | 198    |
| 85.3  | 26     | 690                                     | 210    |
| 105.0   | 32     | 730                                     | 223    |
| 124.7   | 38     | 770                                     | 235    |
| 144.4   | 44     | 810                                     | 247    |
| 164.0   | 50     | 850                                     | 259    |
| 173.9   | 53     | 870                                     | 265    |
| 183.7   | 56     | 890                                     | 271    |
| 193.6   | 59     | 910                                     | 277    |

**Note:** Hoist line lengths given in table include all luffing jib and fixed jib lengths. Whip line lengths given in table will allow hook to touch ground. When block travel below ground is required, add additional rope equal to parts of line times added travel distance. Hoisting distance or line pull may be limited when block travel below ground is required.

Maximum capacity or 26 mm wire rope is 28,500 lb (12 900 kg).

| Wire Rope Specifications                                    |
|---|
| <u>Rotation Resistant Wire Rope</u>                         |
| <b>Whip Line:</b>   |
| <b>26 mm (Drum 1):</b>                                      |
| Dyform 34MAX Wire Rope                                      |
| with Pad Eye (MCC Part No. 719432)                          |
| Right Hand Lang Lay   |
| Minimum Breaking Strength = 158,600 lb (71 940 kg)          |
| Maximum Load = 31,500 lb (14 290 kg) per line               |
| Approx. Weight = 2.39 lb per ft (3,56 kg/m)                 |
| No Load Dia. = 1.034 in. (26,26 mm) to 1.054 in. (26,77 mm) |

# Wire Rope Specifications

## 14000 SERIES 2

Liftcrane - Fixed Jib No. 138 On  
Luffing Jib No. 135 On  
Boom No. 76

| Maximum Spooling Capacities  |   |
|--|---|
| Drum 1:<br>(Front- Whip Line)  | 26 mm Wire Rope - 6 Layers - 1,310 ft (399 m) |
| 18 ft (5,5 m) is deducted from maximum spooling capacities for 3 dead wraps. |   |

Refer to Drum and Lagging chart **No. 8791-A** and Load Block Reeving in Operator's Manual.

REFERENCE ONLY!