

# Wire Rope Specifications

## MLC80A-1

Clamshell/Grapple  
Boom No. B10:290

Wire Rope Lengths					
Boom Length		Drum 1 Closing Line		Drum 2 Holding Line	
Meters	Feet	Meters	Feet	Meters	Feet
19,0	62.3	71	233	52	170
22,0	72.2	77	252	58	189
25,0	82.0	83	271	63	208
28,0	91.9	88	290	69	227
31,0	101.7	94	309	75	245
34,0	111.5	100	327	81	264
37,0	121.4	106	346	86	283

Lengths are based on a 65 degree boom angle, 6 m (20 ft) digging depth, and 20 m (65 ft) for reeving bucket.

Rewrap on front drum (closing line) will occur if hoisting distance exceeds approximately 19 m (65 ft) from ground level with boom at 65 degree angle and digging depth of 6 m (20 ft). The occurrence of rewrap may vary depending on boom angle, digging depth, bucket size, or length of wire rope.

Wire Rope Specifications
<p><b>Closing or Holding Line:</b>  <b>26 mm</b>            Wire Rope with Spelter Button and Pad Eye            Right Hand Regular Lay            Minimum Breaking Strength = 48 170 kg (106,200 lb)            Approx. Weight = 2,89 kg/m (1.94 lb/ft)            Ref. MCC Wire Rope Part No. 80102948</p>

Refer to Drum and Lagging chart **No. 9765-A**.

**Warning:** Free fall operation is limited to 6 250 kg (13,780 lb) per part of line when lowering load with free fall clutch/brake pedal. Hydraulic power shall be used for full line pull. *Permanent brake damage could occur allowing the load to lower uncontrolled.*