

Wire Rope Attributes

MLC200

Rotation Resistant Wire Rope
<u>Drum 1 & 2 Hoist Line:</u> 26 mm Wire Rope with Spelter Button and Pad Eye Right Hand Lang Lay Minimum Breaking Strength = 71 440 kg (157,500 lb) WireCo: 80147519¹ Approx. Weight = 3,42 kg/m (2.30 lb/ft) No Load Dia. = 26,44 mm (1.041 in) to 26,78 mm (1.054 in) Bridon: 80134450¹ Approx. Weight = 3,56 kg/m (2.39 lb/ft) No Load Dia. = 26,29 mm (1.035 in) to 26,78 mm (1.054 in) Verope: 80147530¹ Approx. Weight = 3,39 kg/m (2.28 lb/ft) No Load Dia. = 26,65 mm (1.049 in) to 27,04 mm (1.065 in) <u>Drum 3 Hoist Line:</u> 26 mm Wire Rope with Spelter Button and Pad Eye Right Hand Lang Lay Minimum Breaking Strength = 45 360 kg (100,000 lb) WireCo: 80123747¹ Approx. Weight = 3,27 kg/m (2.20 lb/ft) No Load Dia. = 26,44 mm (1.041 in) to 26,78 mm (1.054 in) Bridon: 80134450¹ Approx. Weight = 3,56 kg/m (2.39 lb/ft) No Load Dia. = 26,29 mm (1.035 in) to 26,78 mm (1.054 in) Verope: 80132083¹ Approx. Weight = 3,39 kg/m (2.28 lb/ft) No Load Dia. = 26,44 mm (1.041 in) to 26,78 mm (1.054 in)

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Non-Rotation Resistant Wire Rope

Drum 4 Boom Hoist Rope:

22 mm Wire Rope with Pad Eye

Right Hand Regular Lay

Minimum Breaking Strength = 44 000 kg (97,000 lb) US B30.5

Minimum Breaking Strength = 50 080 kg (110,400 lb) EN13000

Length: 302 m (990 ft) for 20-part reeving

Bridon: 80149197, ASME B30.5 and EN13000

Approx. Weight = 2,65 kg/m (1.78 lb/ft)

No Load Dia. = 22,53 mm (0.887 in) to 22,86 mm (0.900 in)

Bridon: 80150463, ASME B30.5 only

Approx. Weight = 2,38 kg/m (1.60 lb/ft)

No Load Dia. = 22,53 mm (0.887 in) to 22,86 mm (0.900 in)

Verope: 80149230, ASME B30.5 and EN13000

Approx. Weight = 2,41 kg/m (1.62 lb/ft)

No Load Dia. = 22,53 mm (0.887 in) to 22,86 mm (0.900 in)

Drum 2 Jib Luffing Hoist Rope. Luffing Jib No. 135:

26 mm Wire Rope with Spelter Button and Pad Eye

Right Hand Regular Lay

Minimum Breaking Strength = 54 703 kg (120,600 lb)

Luffing Jib No. 135: 214 m (702 ft) required for 8-part reeving

Bridon: 80162118

Approx. Weight = 3.18 kg/m (2.14 lb/ft)

No Load Dia. = 26,29 mm (1.035 in) to 26,78 mm (1.054 in)

Clamshell/Grapple Closing or Holding Line or Limited Duty Hoist Line:

1 in Wire Rope

Right Regular Lay, IWRC

Minimum Breaking Strength = 47 630 kg (105,000 lb)

Bridon: 719359¹

Approx. Weight = 2,98 kg/m (2.00 lb/ft)

No Load Dia. = 25.91 mm (1.020 in) to 26.42 mm (1.040 in)

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Maximum Spooling Capacities	
Drum 1: (Front)	26 mm Wire Rope - 6 Layers - 494 m (1,621 ft)
Drum 2: (Rear)	26 mm Wire Rope - 6 Layers - 494 m (1,621 ft)
Drum 3:	26 mm Wire Rope - 5 Layers - 300 m (987 ft)
6,4 m (21 ft) is deducted from maximum spooling capacities for 3 dead wraps per drum, on drums 1 and 2. 5,2 m (17 ft) is deducted from maximum spooling capacities for 3 dead wraps on drum 3.	

Unless specifically noted, the ropes meet both ASME B30.5 and EN13000 requirements.

¹Part number listed is a reference number and may not match length specific part numbers found on rope certificates or parts orders.

REFERENCE ONLY!