

Wire Rope Attributes

MLC250

Rotation Resistant Wire Rope

Drum 1 & 2 Hoist Line:

26 mm Wire Rope with Spelter Button and Pad Eye
Right Hand Lang Lay
Minimum Breaking Strength = 66 905 kg (147,500 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)

Drum 2 Hoist Line for 16 parts of line and capacity greater than 214 100 kg (472.000 lb):

26 mm Wire Rope with Spelter Button and Pad Eye
Right Hand Lang Lay
Minimum Breaking Strength Required = 70 942 kg (156,400 lb)

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)

Drum 3 Hoist Line:

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:

0.875 in Wire Rope with Pad Eye
Right Hand Regular Lay
Minimum Breaking Strength = 43 998 kg (97,000 lb) US B30.5
Minimum Breaking Strength = 51 165 kg (112,800 lb) EN13000
Length: 323 m (1,060 ft) for 20-part reeving

WireCo: 80132071, ASME B30.5 only
Approx. Weight = 2,66 kg/m (1.79 lb/ft)
No Load Dia. = 22,53 mm (0.887 in) to 22,86 mm (0.900 in)

Bridon: 80132076, 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: 80132074, 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. 149 and 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. 149: 250 m (820 ft) required for 9-part reeving
Luffing Jib No. 135: 214 m (702 ft) required for 8-part reeving

Bridon: 80146665
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:

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!