

Wire Rope Specifications

Limited Duty Cycle
Boom No. B10:500

Wire rope lengths must be specified by job application and based on boom length, boom angle, digging depth, hoisting distance, bucket type, bucket size, and reeving.

Wire Rope Specifications		
<u>Rotation Resistant Wire Rope - 5:1 Safety Factor</u>		
Closing or Holding Line:	28 mm -	Wire Rope with Spelter Button and Pad Eye or Wedge Socket Right Hand Lang Lay Rotation Resistant Minimum Breaking Strength = 83 370 kg (183,800 lb) Maximum Load = 16 600 kg (36,760 lb) Per Line Approx. Weight - 4,2 kg/m (2.8 lb/ft) No Load Dia = 28.83 mm (1.135 in) to 29.08 mm (1.145 in) MCC Reference No. 81025289, 81026075, or 81024556
<u>Optional Wire Rope - 3.5:1 Safety Factor</u>		
Closing or Holding Line:	28 mm -	Wire Rope with Pad Eyes Right Hand Regular Lay Minimum Breaking Strength = 70 460 kg (155,340 lb) Maximum Load = 20 000 kg (44,000 lb) Per Line Approx. Weight - 3,5 kg/m (2.4 lb/ft) No Load Dia = 28.70 mm (1.130 in) to 29.26 mm (1.152 in) MCC Reference No. 80111480
OR		
		Wire Rope with Pad Eyes Left Hand Regular Lay Minimum Breaking Strength = 70 460 kg (155,340 lb) Maximum Load = 20 000 kg (44,000 lb) Per Line Approx. Weight - 3,5 kg/m (2.4 lb/ft) No Load Dia = 28.70 mm (1.130 in) to 29.26 mm (1.152 in) MCC Reference No. 80111477

Refer to Drum and Lagging chart **No. 9339-A**.