

Wire Rope Specifications

888 RINGER

Liftcrane - Boom No. 67B

Luffing Jib No. 49A-44 Attached

Wire Rope Lengths							
Boom Length		1-1/4 in. Dia. (32mm) Hoist Line			1-1/8 in. Dia. (28.6 mm) Hoist Line		
		Front Ringer Drum		Maximum Parts Of Line	Front Ringer Drum		Maximum Parts Of Line
Ft.	Meters	Ft.	Meters		Ft.	Meters	
125	38.1	4100	1250	30	4600	1402	34
150	45.7	4900	1494	30	5500	1676	34
175	53.3	4900	1494	26	5600	1707	30
200	61.0	4900	1494	22	5600	1707	26
225	68.6	4900	1494	18	5600	1707	22
250	76.2	4900	1494	18	5900	1798	22
275	83.8	4900	1494	14	5900	1798	18
300	91.4	4900	1494	14	5900	1798	14
325	99.1	4900	1494	10	5900	1798	14

Note: Hoist line lengths 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.

Capacity chart restrictions will occur when 1-1/8 in. (28.6 mm) wire rope is used. Maximum capacity is 1,098,200 Lbs. (498 140 kg) with 34 parts line.

Hoist Reeving for Main Load Block - 1-1/4 in. or 32 mm Wire Rope							
No. Parts of Line	6	10	14	18	22	26	30
Maximum Load - Lbs.	240,000	400,000	560,000	720,000	880,000	1,040,000	1,177,300
Maximum Load - kg	108 860	181 440	254 010	326 590	399 160	471 740	534 000
Hoist Line: (Front Drum)		1-1/4 in. or 32 mm - Wire Rope With Pad Eye (MCC Part No. A00212 or A00218) Right Hand Lang Lay Minimum Breaking Strength = 220,400 Lbs. (980.3 kN) Maximum Load = 40,000 Lbs. (18 140 kg) per line Approx. Weight = 3.37 Lbs. per Ft. (5.01 kg/m) No Load Dia. = 1.285 in. (32.64 mm) to 1.304 in. (33.12 mm)					



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Hoist Reeving for Main Load Block - 1-1/8 in. (28.6 mm) Wire Rope

No. Parts of Line	6	10	14	18	22	26	30	34
Maximum Load - Lbs.	193,800	323,000	452,200	581,400	710,600	839,800	969,000	1,098,200
Maximum Load - kg	87 910	146 510	205 110	263 720	322 320	380 930	439 530	498 140
Hoist Line: (Front Drum)	1-1/8 in. (28.6 mm) - 1 960 N/mm ² Wire Rope, Right Regular Lay Rotation Resistant (MCC Part No. 719399) Minimum Breaking Strength = 161,600 Lbs. (718.5 kN) Maximum Load = 32,300 Lbs. (14 650 kg) per line Approx. Weight = 2.48 Lbs. per Ft. (3.69 kg/m)							

Maximum Spooling Capacities

Front Ringer Drum (Hoist Line)	1-1/4 in. (32 mm) Wire Rope - 8 Layers - 4,859 Ft. (1 481m) with 35-3/4 in. (908 mm) Dia. Lagging
	1-1/8 in. (28.6 mm) Wire Rope - 10 Layers - 7,062 Ft. (2 152m) with 35-3/4 in. (908 mm) Dia. Lagging
29 Ft.(9m) is deducted from maximum spooling capacities for 3 dead wraps.	

Refer to Drum and Lagging chart **No. 6121-A**.