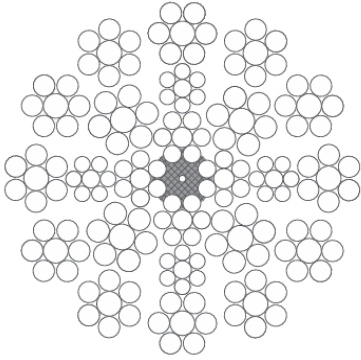


Mobile Crane Hoist Rope Specifications

Standard Mobile Crane Hoist Ropes

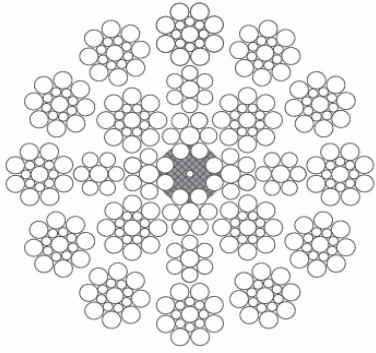
24x7 Rotation Resistant Rope



Diameter		Section	Mass	Minimum breaking load
mm	inch	mm ²	kg/m	kN
				2160 MPa
8	5/16	30.5	0.27	56
9	-	37.8	0.34	68.5
10	-	47.8	0.43	86
11	7/16	56.8	0.51	104
12	-	68.0	0.61	124.5
13	1/2	81.6	0.72	145
14	9/16	96.5	0.86	175
15	-	106.2	0.94	190
16	5/8	125.5	1.12	220
17	-	140.8	1.25	248
18	-	158.2	1.41	275
19	3/4	173.3	1.53	310
			f - Fill Factor	k - Spinning Loss Factor
			0.610	0.830

⚠ Never use with swivel

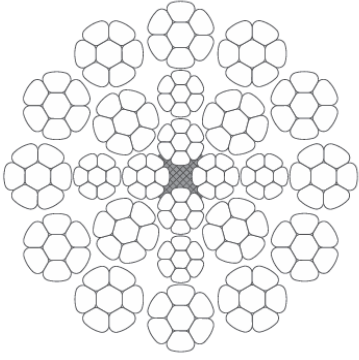
24x17 Rotation Resistant Rope



Diameter		Section	Mass	Minimum breaking load
mm	inch	mm ²	kg/m	kN
				2160 MPa
20	-	188.5	1.67	335
21	-	213.4	1.89	368
22	7/8	235.3	2.09	415
24	-	281.0	2.50	495
25.4	1	309.8	2.75	560
28	1-1/8	384.9	3.42	675
29	-	408.2	3.63	712
30	-	446.0	3.95	765
32	1-1/4	507.4	4.49	870
34	1-3/8	572.8	5.07	983
36	-	643.6	5.73	1095
38	1-1/2	717.1	6.38	1215
40	-	795.6	7.08	1345
42	-	877.2	7.81	1485
44	-	962.7	8.57	1630
82	-	3343.7	29.75	5652
			f - Fill Factor	k - Spinning Loss Factor
			0.625	0.800

⚠ Never use with swivel

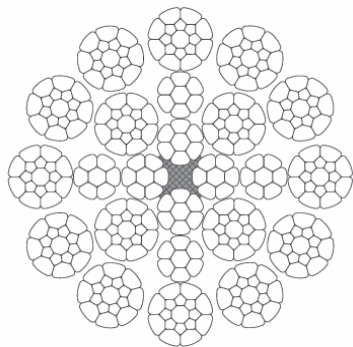
24x7 Rotation Resistant & Compacted Rope



Diameter		Section	Mass	Minimum breaking load	
mm	inch				mm ²
					1960 MPa
8	5/16	34.4	0.31	56	
9	-	43.6	0.39	71	
10	-	53.8	0.48	88	
11	7/16	65.1	0.58	107.4	
12	-	77.5	0.69	127	
12.5	-	84.1	0.75	138	
13	1/2	91.0	0.81	147	
14	9/16	106.0	0.94	175	
15	-	121.1	1.07	197	
16	5/8	137.8	1.22	224	
18	-	174.4	1.54	283	
19	3/4	194.3	1.72	315	
20	-	215.3	1.91	350	
21	-	237.3	2.10	385	
22	7/8	260.5	2.31	423	
				f - Fill Factor	k - Spinning Loss Factor
				0.685	0.832

⚠ Never use with swivel

24x17 Rotation Resistant & Compacted Rope



Diameter		Section	Mass	Minimum breaking load
mm	inch	mm ²	kg/m	kN
				1960 MPa
24	-	314.1	2.87	507
25.4	1	351.9	3.21	568
28	1-1/8	427.6	3.90	690
30	-	490.8	4.48	792
32	1-1/4	558.5	5.09	901
34	1-3/8	630.5	5.75	1017
36	-	697.5	6.23	1105
38	1-1/2	777.1	6.94	1231
40	-	850.9	7.63	1364
42	-	949.3	8.48	1503
44	-	1041.9	9.30	1650
			f - Fill Factor	k - Spinning Loss Factor
			0.689	0.817

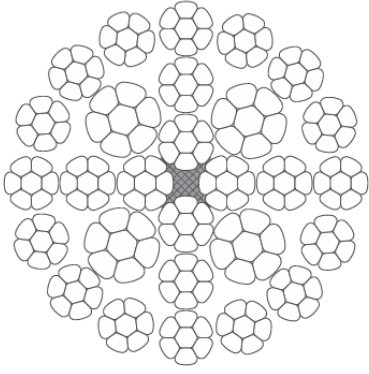
⚠ Never use with swivel

High Performance Mobile Crane Ropes

All The following wire ropes are both rotation resistant and compacted

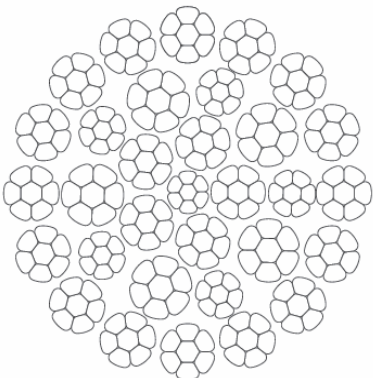
RR + C = rotation resistant and compacted

28x7 RR + C



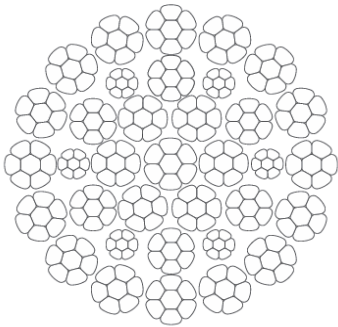
Diameter		Section	Mass	Minimum breaking load	
mm	inch			mm ²	kg/m
				1960 MPa	2160 MPa
10	-	55.3	0.49	89.1	99
11	7/16	66.9	0.59	107.8	119.8
12	-	79.6	0.71	128.3	142.6
13	1/2	93.4	0.83	150	167.3
14	9/16	108.3	0.96	174.6	194.0
15	-	124.3	1.10	200	222.8
16	5/8	141.4	1.25	228.1	253.4
17	-	159.7	1.42	260	286.1
			f - Fill Factor	k - Spinning Loss Factor	
			0.700	0.823	0.830

32x7 RR + C



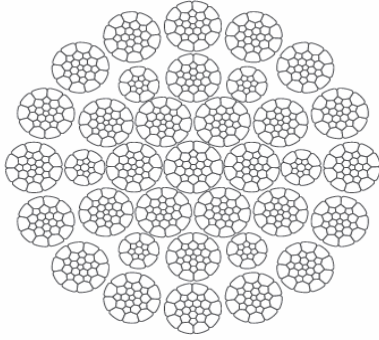
Diameter		Section	Mass	Minimum breaking load		
mm	inch			mm ²	kg/m	kN
					1960 MPa	2160 MPa
18	-	177.2	1.59	286	317.6	
19	3/4	197.4	1.77	319	356	
20	-	218.8	1.96	353	392.2	
21	-	241.2	2.16	389	432.4	
22	7/8	264.7	2.38	427	474.5	
23	-	289.3	2.60	467	518.6	
24	-	315.0	2.83	508	564.7	
25	1	341.8	3.07	551	612.7	
26	-	369.7	3.32	596	662.7	
			f - Fill Factor	k - Spinning Loss Factor		
			0.700	0.823	0.830	

35x7 RR + C



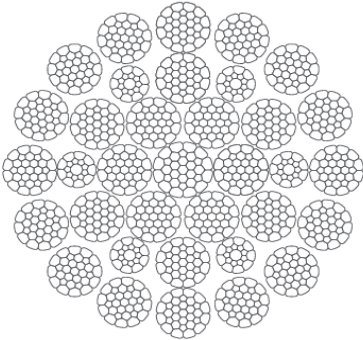
Diameter		Section	Mass	Minimum breaking load		
mm	inch			mm ²	kg/m	kN
					1960 MPa	2160 MPa
28	1-1/8	433.1	3.87	698	760.8	
29	-	464.6	4.15	749	816	
30	-	497.2	4.44	801	873	
32	-	565.7	5.05	912	994	
34	1-3/8	638.6	5.71	1029	1122	
36	-	715.9	6.40	1154	1258	
38	1-1/2	797.7	7.13	1285	1401	
40	-	883.8	7.90	1424	1553	
42	1-5/8	974.4	8.71	1570	1712	
44	-	1069.4	9.56	1723	1879	
46	-	1168.9	10.45	1884	2053	
48	1-7/8	1272.7	11.37	2051	2236	
			f - Fill Factor	k - Spinning Loss Factor		
			0.700	0.823	0.813	

35x26 RR + C



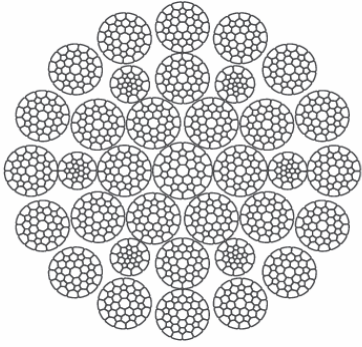
Diameter		Section	Mass	Minimum breaking load		
mm	inch			mm ²	kg/m	kN
					2160 MPa	
68	-	2602.7	23.42	4352		
70	-	2758.0	24.82	4611		
72	-	2917.9	26.26	4879		
			f - Fill Factor	k - Spinning Loss Factor		
			0.717	0.774		

35x31 RR + C



Diameter		Section	Mass	Minimum breaking load		
mm	inch			mm ²	kg/m	kN
					1960 MPa	2060 MPa
74	-	3040.2	27.37	-	5046	
76	3	3206.8	28.87	-	5322	
78	-	3377.8	30.41	-	5606	
80	-	3553.2	31.99	-	5897	
82	-	3718.5	33.47	-	6172	
84	-	3825.2	34.20	-	6410	
86	-	4009.5	35.85	-	6719	
89	3-1/2	4294.1	38.40	-	7196	
			f - Fill Factor	k - Spinning Loss Factor		
			0.724	0.850	0.742	

35x36 RR + C



Diameter		Section	Mass	Minimum breaking load
mm	inch			
				2060 MPa
93	-	4706.6	42.01	8043
97	-	5120.2	45.70	8750
100	-	5441.8	48.57	9299
102	-	5661.7	50.54	9675
109	-	6331.4	56.81	10800
			f - Fill Factor	k - Spinning Loss Factor
			0.690	0.870