

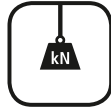
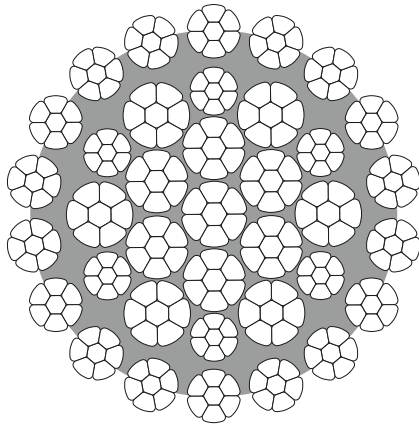
// ROTATION-RESISTANT

NR Maxipact (Option PPI)

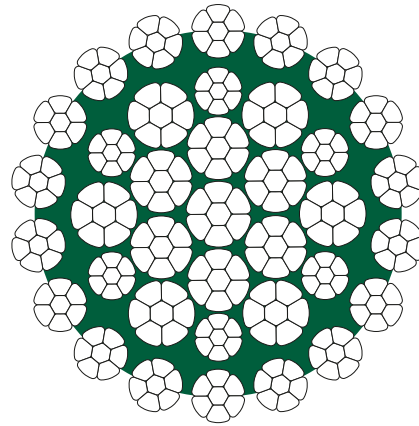
NR15 Maxilift (Option PPI)
Towerlift 15
LT 24 K
LT 24 C

// SEMI-ROTATION-RESISTANT

// NON-ROTATION-RESISTANT



High breaking force



High breaking force

PROPERTIES



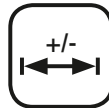
Swivel



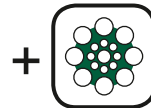
Compacted



Lubricated



Tolerance



PPI

APPLICATIONS

All cranes and performant lifting devices where non-rotating and high MBL ropes are required.

Recommended for offshore, deck cranes and marine environment.

OVERVIEW

RCN	Diameter range [mm]	Construction	Number of outer strands	Number of wires	Number of outer load bearing wires	Average fill factor	Average spin factor
23-3	12,70 – 52	37xK7	18	259	126	0,716	0,85 (1960*) 0,81 (2160*)
30	54 – 64	37xK19	18	710	342	0,726	0,83 (1960*) 0,79 (2160*)
>31	66 – 70	37xK26	18	1092	468	0,714	0,81 (1960*) 0,78 (2160*)

- Temperature range of use: -50°C to +100°C
- Temperature range of use for option PPI: -50°C to +80°C
- Option PPI – only available for diameter ≥ 13mm
- Please add 1.0% on the weight for ropes with PPI
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand

minimum breaking force

nominal diameter		weight		1960 N/mm ²								2160 N/mm ²							
				kN		t [metric]		lbs		t [2000 lbs]		kN		t [metric]		lbs		t [2000 lbs]	
mm	inch	kg/m	lb/ft																
12,70	1/2	0,77	0,52	148,0	15,09	33.272	16,64	155,9	15,90	35.048	17,52								
13		0,82	0,55	157,8	16,09	35.468	17,73	165,7	16,90	37.248	18,62								
14		0,95	0,64	183,3	18,69	41.198	20,60	192,5	19,63	43.266	21,63								
15		1,09	0,73	209,6	21,37	47.116	23,56	220,6	22,50	49.603	24,80								
15,88	5/8	1,20	0,81	230,0	23,45	51.706	25,85	241,0	24,58	54.179	27,09								
16		1,25	0,84	239,4	24,41	53.820	26,91	251,4	25,64	56.521	28,26								
17		1,40	0,94	269,7	27,50	60.637	30,32	283,4	28,90	63.719	31,86								
18		1,57	1,06	302,5	30,85	68.015	34,01	317,7	32,40	71.428	35,71								
19	3/4	1,76	1,18	338,9	34,55	76.180	38,09	355,9	36,29	80.002	40,00								
20		1,94	1,30	374,2	38,16	84.120	42,06	393,0	40,07	88.341	44,17								
21		2,13	1,43	412,2	42,03	92.659	46,33	432,9	44,14	97.309	48,65								
22		2,34	1,57	452,0	46,09	101.610	50,81	474,7	48,40	106.709	53,35								
22,23	7/8	2,37	1,59	458,0	46,70	102.962	51,48	481,0	49,05	108.133	54,07								
23		2,56	1,72	494,8	50,46	111.236	55,62	519,6	52,99	116.818	58,41								
24		2,79	1,87	540,3	55,09	121.461	60,73	567,4	57,86	127.556	63,78								
25		3,04	2,04	587,1	59,87	131.985	65,99	616,6	62,87	138.608	69,30								
25,40	1	3,08	2,07	595,4	60,71	133.851	66,93	625,3	63,76	140.573	70,29								
26		3,27	2,20	634,2	64,68	142.584	71,29	666,1	67,92	149.739	74,87								
27		3,54	2,38	683,6	69,70	153.670	76,84	717,9	73,20	161.382	80,69								
28		3,80	2,55	734,0	74,85	165.019	82,51	770,9	78,61	173.299	86,65								
28,58	1 1/8	3,98	2,67	768,3	78,34	172.721	86,36	806,8	82,27	181.376	90,69								
29		4,07	2,73	790,0	80,56	177.599	88,80	824,4	84,07	185.335	92,67								
30		4,39	2,95	846,3	86,30	190.262	95,13	888,8	90,63	199.809	99,90								
31,75	1 1/4	4,84	3,25	930,0	94,83	209.072	104,54	975,0	99,42	219.189	109,59								
32		4,98	3,34	959,6	97,85	215.730	107,87	1.007,8	102,76	226.556	113,28								
34		5,59	3,75	1.079,3	110,06	242.645	121,32	1.133,0	115,53	254.710	127,35								
34,93	1 3/8	5,94	3,99	1.146,8	116,94	257.811	128,91	1.202,0	122,57	270.220	135,11								
36		6,31	4,24	1.221,5	124,56	274.607	137,30	1.282,8	130,81	288.386	144,19								
38	1 1/2	7,01	4,71	1.352,4	137,90	304.026	152,01	1.418,4	144,64	318.869	159,43								
40		7,74	5,20	1.495,0	152,45	336.094	168,05	1.569,0	159,99	352.724	176,36								
41,28	1 5/8	8,30	5,58	1.602,1	163,37	360.166	180,08	1.682,5	171,57	378.241	189,12								
42		8,52	5,72	1.645,2	167,76	369.850	184,92	1.730,0	176,41	388.913	194,46								
44		9,37	6,30	1.818,6	185,45	408.839	204,42	1.909,9	194,75	429.354	214,68								
44,45	1 3/4	9,51	6,39	1.838,6	187,49	413.334	206,67	1.928,2	196,62	433.477	216,74								
46		10,33	6,94	1.995,7	203,50	448.651	224,33	2.095,8	213,72	471.165	235,58								
47,63	1 7/8	10,86	7,29	2.095,0	213,63	470.975	235,49	2.190,0	223,32	492.331	246,17								
48		11,32	7,61	2.184,3	222,74	491.048	245,52	2.293,9	233,91	515.689	257,84								
50		12,03	8,09	2.331,7	237,77	524.194	262,10	2.451,2	249,95	551.042	275,52								
50,80	2	12,42	8,34	2.400,1	244,74	539.564	269,78	2.517,1	256,67	565.866	282,93								
52		13,17	8,85	2.548,8	259,90	572.988	286,49	2.676,4	272,91	601.670	300,84								
54	2 1/8	14,34	9,63	2.731,2	278,51	614.007	307,00	2.868,3	292,48	644.818	322,41								
56		15,33	10,30	2.854,0	291,03	641.605	320,80	3.049,0	310,91	685.442	342,72								
57,15	2 1/4	16,07	10,80	3.017,0	307,65	678.248	339,12	3.180,0	324,27	714.892	357,45								
58		16,49	11,08	3.071,0	313,15	690.388	345,19	3.261,0	332,53	733.102	366,55								
60		17,78	11,95	3.293,0	335,79	740.296	370,15	3.500,0	356,90	786.831	393,42								
60,33	2 3/8	17,78	11,94	3.335,0	340,08	749.738	374,87	3.520,0	358,94	791.327	395,66								
62		18,74	12,59	3.500,0	356,90	786.831	393,42	3.705,0	377,80	832.917	416,46								
63,50	2 1/2	19,66	13,21	3.655,0	372,71	821.677	410,84	3.870,0	394,63	870.010	435,01								
64		20,20	13,57	3.894,0	397,08	875.406	437,70	4.018,0	409,72	903.282	451,64								
66		21,19	14,24	3.900,0	397,69	876.755	438,38	4.135,0	421,65	929.585	464,79								
66,68	2 5/8	21,34	14,34	3.910,0	398,71	879.003	439,50	4.150,0	423,18	932.957	466,48								
68		22,26	14,96	4.100,0	418,08	921.716	460,86	4.354,0	443,98	978.818	489,41								
70	2 3/4	23,78	15,98	4.322,0	440,72	971.624	485,81	4.646,0	473,76	1.044.462	522,23								

Special constructions and diameters available - please contact us directly.