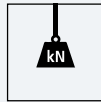
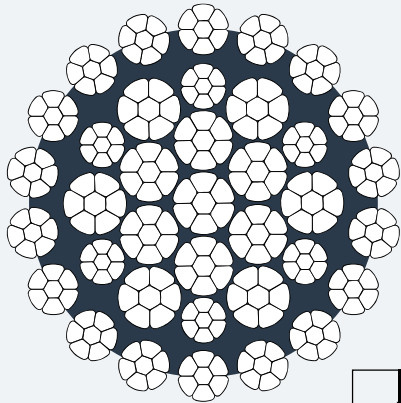
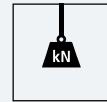
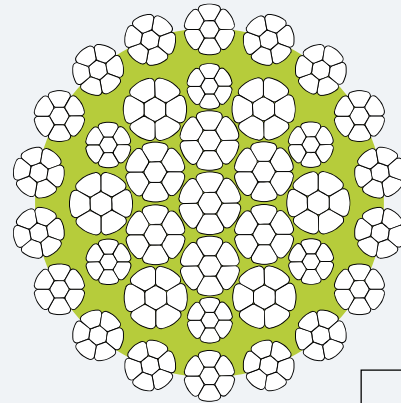


## OLIVEIRA NR MAXIPACT



High breaking force

## OLIVEIRA NR MAXIPACT PPI



High breaking force

### PROPERTIES



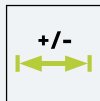
Swivel



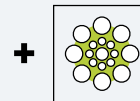
Compacted



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	*N/mm <sup>2</sup> 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 +75°C
- 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

nominal diameter		weight		minimum breaking force							
				1960 N/mm <sup>2</sup>				2160 N/mm <sup>2</sup>			
				mm	inch	kg/m	lb/ft	kN	t [metric]	lbs	t[2000lbs]
12,70	1/2	0,77	0,52	<b>148,0</b>	15,09	33.272	16,64	<b>155,9</b>	15,90	35.048	17,52
13		0,82	0,55	<b>157,8</b>	16,09	35.468	17,73	<b>165,7</b>	16,90	37.248	18,62
14		0,95	0,64	<b>183,3</b>	18,69	41.198	20,60	<b>192,5</b>	19,63	43.266	21,63
15		0,97	0,65	<b>209,6</b>	21,37	47.116	23,56	<b>220,6</b>	22,50	49.603	24,80
15,88	5/8	1,09	0,73	<b>230,0</b>	23,45	51.706	25,85	<b>241,0</b>	24,58	54.179	27,09
16		1,24	0,84	<b>239,4</b>	24,41	53.820	26,91	<b>251,4</b>	25,64	56.521	28,26
17		1,40	0,94	<b>269,7</b>	27,50	60.637	30,32	<b>283,4</b>	28,90	63.719	31,86
18		1,57	1,05	<b>302,5</b>	30,85	68.015	34,01	<b>317,7</b>	32,40	71.428	35,71
19	3/4	1,75	1,18	<b>338,9</b>	34,55	76.180	38,09	<b>355,9</b>	36,29	80.002	40,00
20		1,93	1,30	<b>374,2</b>	38,16	84.120	42,06	<b>393,0</b>	40,07	88.341	44,17
21		2,13	1,43	<b>412,2</b>	42,03	92.659	46,33	<b>432,9</b>	44,14	97.309	48,65
22		2,33	1,57	<b>452,0</b>	46,09	101.610	50,81	<b>474,7</b>	48,40	106.709	53,35
22,23	7/8	2,36	1,59	<b>458,0</b>	46,70	102.962	51,48	<b>481,0</b>	49,05	108.133	54,07
23		2,55	1,72	<b>494,8</b>	50,46	111.236	55,62	<b>519,6</b>	52,99	116.818	58,41
24		2,79	1,87	<b>540,3</b>	55,09	121.461	60,73	<b>567,4</b>	57,86	127.556	63,78
25		3,03	2,04	<b>587,1</b>	59,87	131.985	65,99	<b>616,6</b>	62,87	138.608	69,30
25,40	1	3,08	2,07	<b>595,4</b>	60,71	133.851	66,93	<b>625,3</b>	63,76	140.573	70,29
26		3,25	2,18	<b>634,2</b>	64,68	142.584	71,29	<b>666,1</b>	67,92	149.739	74,87
27		3,54	2,38	<b>683,6</b>	69,70	153.670	76,84	<b>717,9</b>	73,20	161.382	80,69
28		3,79	2,55	<b>734,0</b>	74,85	165.019	82,51	<b>770,9</b>	78,61	173.299	86,65
28,58	1 1/8	3,97	2,67	<b>768,3</b>	78,34	172.721	86,36	<b>806,8</b>	82,27	181.376	90,69
29		4,07	2,73	<b>790,0</b>	80,56	177.599	88,80	<b>824,4</b>	84,07	185.335	92,67
30		4,37	2,94	<b>846,3</b>	86,30	190.262	95,13	<b>888,8</b>	90,63	199.809	99,90
31,75	1 1/4	4,84	3,25	<b>930,0</b>	94,83	209.072	104,54	<b>975,0</b>	99,42	219.189	109,59
32		4,95	3,32	<b>959,6</b>	97,85	215.730	107,87	<b>1.007</b>	102,69	226.383	113,19
34		5,58	3,75	<b>1.079</b>	110,03	242.569	121,28	<b>1.133</b>	115,53	254.710	127,35
34,93	1 3/8	5,93	3,98	<b>1.146</b>	116,86	257.631	128,82	<b>1.202</b>	122,57	270.220	135,11
36		6,30	4,23	<b>1.221</b>	124,51	274.492	137,25	<b>1.282</b>	130,73	288.205	144,10
38	1 1/2	6,96	4,68	<b>1.352</b>	137,87	303.942	151,97	<b>1.418</b>	144,60	318.779	159,39
40		7,69	5,17	<b>1.495</b>	152,45	336.094	168,05	<b>1.568</b>	159,89	352.500	176,25
41,28	1 5/8	8,29	5,57	<b>1.602</b>	163,36	360.144	180,07	<b>1.682</b>	171,52	378.129	189,06
42		8,48	5,70	<b>1.645</b>	167,74	369.811	184,91	<b>1.730</b>	176,41	388.913	194,46
44		9,37	6,30	<b>1.818</b>	185,38	408.703	204,35	<b>1.909</b>	194,66	429.160	214,58
44,45	1 3/4	9,51	6,39	<b>1.838</b>	187,42	413.199	206,60	<b>1.928</b>	196,60	433.432	216,72
46		10,33	6,94	<b>1.995</b>	203,43	448.494	224,25	<b>2.095</b>	213,63	470.975	235,49
47,63	1 7/8	10,86	7,29	<b>2.095</b>	213,63	470.975	235,49	<b>2.190</b>	223,32	492.331	246,17
48		11,32	7,61	<b>2.184</b>	222,71	490.983	245,49	<b>2.293</b>	233,82	515.487	257,74
50		12,03	8,09	<b>2.331</b>	237,70	524.030	262,01	<b>2.451</b>	249,93	551.007	275,50
50,80	2	12,42	8,34	<b>2.400</b>	244,73	539.541	269,77	<b>2.517</b>	256,66	565.844	282,92
52		13,17	8,85	<b>2.548</b>	259,82	572.813	286,41	<b>2.676</b>	272,88	601.589	300,79
54	2 1/8	14,34	9,63	<b>2.731</b>	278,48	613.953	306,98	<b>2.868</b>	292,45	644.752	322,38
56		15,33	10,30	<b>2.854</b>	291,03	641.605	320,80	<b>3.049</b>	310,91	685.442	342,72
57,15	2 1/4	16,07	10,80	<b>2.981</b>	303,98	670.155	335,08	<b>3.180</b>	324,27	714.892	357,45
58		16,49	11,08	<b>3.063</b>	312,34	688.590	344,29	<b>3.261</b>	332,53	733.102	366,55
60		17,78	11,95	<b>3.293</b>	335,79	740.296	370,15	<b>3.500</b>	356,90	786.831	393,42
60,33	2 3/8	17,78	11,94	<b>3.335</b>	340,08	749.738	374,87	<b>3.520</b>	358,94	791.327	395,66
62		18,74	12,59	<b>3.477</b>	354,56	781.661	390,83	<b>3.705</b>	377,80	832.917	416,46
63,50	2 1/2	19,66	13,21	<b>3.652</b>	372,40	821.002	410,50	<b>3.870</b>	394,63	870.010	435,01
64		20,20	13,57	<b>3.750</b>	382,39	843.033	421,52	<b>4.018</b>	409,72	903.282	451,64
66		21,19	14,24	<b>3.900</b>	397,69	876.755	438,38	<b>4.135</b>	421,65	929.585	464,79
66,68	2 5/8	21,34	14,34	<b>3.910</b>	398,71	879.003	439,50	<b>4.150</b>	423,18	932.957	466,48
68		22,26	14,96	<b>4.100</b>	418,08	921.716	460,86	<b>4.354</b>	443,98	978.818	489,41
70	2 3/4	23,78	15,98	<b>4.322</b>	440,72	971.624	485,81	<b>4.646</b>	473,76	1.044.462	522,23