

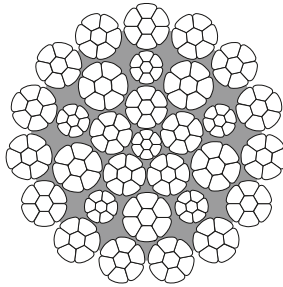
## NAVIGATION

// ROTATION-RESISTANT  
NR Maxilift (Option PPI)  
**NR15 Maxilift (Option PPI)**  
Towerlift 15  
LT 24 K

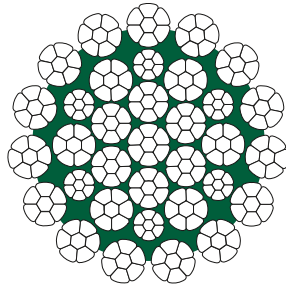
// SEMI-ROTATION-RESISTANT

// NON-ROTATION-RESISTANT

## OLIVEIRA NR15 MAXILIFT



## OLIVEIRA NR15 MAXILIFT PPI



## PROPERTIES



## APPLICATIONS

For all the most severe hoist applications, intensive use, corrosive environment... Traditional applications like mobile cranes, tower cranes, crawler cranes.

Offshore cranes, deck cranes, cargo cranes, foundation cranes (Kelly cranes), harbor cranes.

## 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
23-2	10 – 28,58	31xK7	15	217	105	0,701	0,85 (1960*)
23-2	30 – 50,80	34xK7	15	238	105	0,705	0,81 (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

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 [2000 lbs]	kN	t [metric]	lbs	t [2000 lbs]
10		0,48	0,32	92,2	9,40	20.727	10,36	96,9	9,88	21.784	10,89
11	7/16	0,56	0,38	108,4	11,05	24.365	12,18	113,9	11,61	25.604	12,80
12		0,68	0,46	130,8	13,34	29.401	14,70	137,3	14,01	30.876	15,44
12,70	1/2	0,76	0,51	145,3	14,82	32.665	16,33	152,6	15,56	34.306	17,15
13		0,79	0,53	152,4	15,54	34.257	17,13	160,0	16,32	35.976	17,99
14		0,93	0,62	178,8	18,23	40.187	20,09	187,7	19,14	42.204	21,10
14,30	9/16"	0,96	0,65	185,3	18,89	41.648	20,82	194,6	19,84	43.739	21,87
15		1,07	0,72	206,3	21,03	46.367	23,18	216,6	22,09	48.694	24,35
15,88	5/8	1,19	0,80	229,0	23,35	51.481	25,74	240,0	24,47	53.954	26,98
16		1,22	0,82	234,1	23,87	52.622	26,31	245,8	25,07	55.262	27,63
17		1,37	0,92	265,4	27,06	59.664	29,83	278,7	28,42	62.657	31,33
18		1,55	1,04	298,4	30,43	67.079	33,54	313,4	31,95	70.445	35,22
19	3/4	1,71	1,15	329,5	33,60	74.082	37,04	346,1	35,29	77.800	38,90
20		1,92	1,29	370,0	37,73	83.183	41,59	388,6	39,62	87.358	43,68
21		2,11	1,41	406,3	41,43	91.348	45,67	426,7	43,51	95.932	47,97
22		2,31	1,55	446,3	45,51	100.337	50,17	468,7	47,80	105.372	52,69
22,23	7/8	2,36	1,59	454,7	46,37	102.221	51,11	477,5	48,69	107.346	53,67
23		2,53	1,70	487,0	49,66	109.476	54,74	511,4	52,15	114.969	57,48
24		2,76	1,85	531,5	54,19	119.476	59,74	558,1	56,91	125.471	62,74
25		2,99	2,01	576,3	58,76	129.550	64,78	605,2	61,71	136.051	68,03
25,40	1	3,09	2,07	594,9	60,66	133.739	66,87	624,8	63,71	140.461	70,23
26		3,23	2,17	624,1	63,64	140.300	70,15	655,4	66,83	147.340	73,67
27		3,47	2,33	669,1	68,23	150.412	75,21	702,6	71,65	157.960	78,98
28		3,72	2,50	721,0	73,53	162.097	81,05	757,2	77,22	170.231	85,12
28,58	1 1/8	3,92	2,63	756,2	77,11	170.000	85,00	794,1	80,98	178.521	89,26
30		4,30	2,89	828,8	84,52	186.329	93,16	870,4	88,76	195.680	97,84
31,75	1 1/4	4,79	3,22	920,0	93,81	206.824	103,41	965,0	98,40	216.941	108,47
32		4,83	3,24	935,5	95,39	210.300	105,15	982,4	100,18	220.852	110,43
34		5,51	3,71	1.063,0	108,40	238.972	119,49	1.117,0	113,90	251.112	125,56
34,93	1 3/8	5,80	3,90	1.119,0	114,11	251.561	125,78	1.175,0	119,82	264.150	132,08
36		6,23	4,19	1.202,0	122,57	270.220	135,11	1.262,0	128,69	283.709	141,85
38	1 1/2	6,90	4,63	1.330,0	135,62	298.996	149,50	1.397,0	142,45	314.058	157,03
40		7,64	5,14	1.477,0	150,61	332.043	166,02	1.552,0	158,26	348.903	174,45
41,28	1 5/8	8,23	5,53	1.586,0	161,73	356.547	178,27	1.666,0	169,88	374.532	187,27
42		8,38	5,63	1.644,0	167,64	369.586	184,79	1.726,0	176,00	388.200	194,01
44		9,34	6,27	1.780,0	181,51	400.160	200,08	1.868,0	190,48	419.943	209,97
44,45	1 3/4	9,59	6,45	1.868,0	190,48	419.943	209,97	1.962,0	200,07	441.075	220,54
46		10,13	6,81	1.949,0	198,74	438.153	219,08	2.047,0	208,74	460.184	230,09
47,63	1 7/8	10,78	7,24	2.078,0	211,90	467.153	233,58	2.180,0	222,30	490.083	245,04
48		10,91	7,33	2.106,0	214,75	473.448	236,72	2.212,0	225,56	497.277	248,64
50		11,97	8,04	2.314,0	235,96	520.208	260,10	2.431,0	247,89	546.510	273,26
50,80	2	12,24	8,22	2.372,0	241,88	533.247	266,62	2.491,0	254,01	559.999	280,00

Special constructions and diameters available - please contact us directly.