

OLIVEIRA NR15 MAXILIFT PPI

- ★ 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 ≥ 13 mm.
- ★ 1% unit weight increase for PPI ropes.
- ★ Available in ordinary lay and lang's lay.
- ★ Available in right hand and left hand.
- ★ Should be used with a swivel.

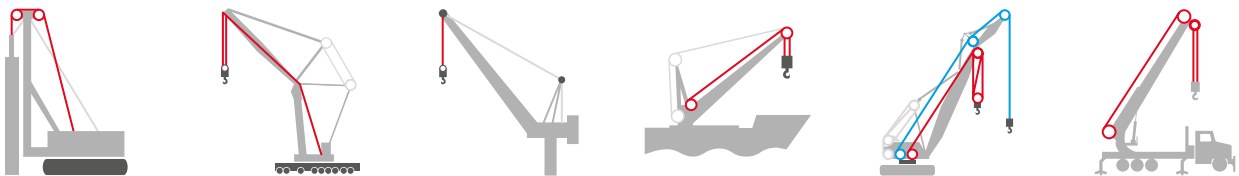
Applications:

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



GENERAL VIEW

Category No RCN	Diameter Range (mm)	Rope Construction	Number of Outer Strands	Number of Total Wires	Number of Wires in Outer Strands	Average Fill Factor	Average Spin Factor
23-2	10 - 28,58	31xK7	15	217	105	0.7010	0.8500 (1960 N/mm ²)
23-2	30 - 50,80	34xK7	15	238	105	0.7050	0.8100 (2160 N/mm ²)





OLIVEIRA NR15 MAXILIFT PPI

Rope Diameter		Minimum Breaking Force 1960 N/mm ²				Minimum Breaking Force 2160 N/mm ²				Weight	
(mm)	(inch)	(kN)	(ton)	(lbs)	(ton, 2000 lbs)	(kN)	(ton)	(lbs)	(ton, 2000 lbs)	(kg/m)	(lb/ft)
10		92,20	9,40	20.727	10,36	96,90	9,88	21.784	10,89	0,48	0,32
11	7/16	108,40	11,05	24.365	12,18	113,90	11,61	25.604	12,80	0,56	0,38
12		130,80	13,34	29.401	14,70	137,30	14,01	30.876	15,44	0,68	0,46
12.7	1/2	145,30	14,82	32.665	16,33	152,60	15,56	34.306	17,15	0,76	0,51
13		152,40	15,54	34.257	17,13	160,00	16,32	35.976	17,99	0,79	0,53
14		178,80	18,23	40.187	20,09	187,70	19,14	42.204	21,10	0,93	0,62
15		206,30	21,03	46.367	23,18	216,60	22,09	48.694	24,35	1,08	0,72
15.88	5/8	229,00	23,35	51.481	25,74	240,00	24,47	53.954	26,98	1,19	0,80
16		234,10	23,87	52.622	26,31	245,80	25,07	55.262	27,63	1,22	0,82
17		265,40	27,06	59.663	29,83	278,70	28,42	62.657	31,33	1,38	0,93
18		298,40	30,43	67.079	33,54	313,40	31,95	70.445	35,22	1,55	1,04
19	3/4	329,50	33,60	74.082	37,04	346,10	35,29	77.800	38,90	1,72	1,15
20		370,00	37,73	83.183	41,59	388,60	39,62	87.358	43,68	1,92	1,29
21		406,30	41,43	91.348	45,67	426,70	43,51	95.932	47,97	2,11	1,42
22		446,30	45,51	100.337	50,17	468,70	47,80	105.372	52,69	2,31	1,55
22.23	7/8	454,70	46,37	102.221	51,11	477,50	48,69	107.346	53,67	2,35	1,58
23		487,00	49,66	109.476	54,74	511,40	52,15	114.969	57,48	2,53	1,70
24		531,50	54,19	119.476	59,74	558,10	56,91	125.471	62,74	2,76	1,85
25		576,30	58,76	129.550	64,78	605,20	61,71	136.051	68,03	2,99	2,01
25.4	1	594,90	60,66	133.739	66,87	624,80	63,71	140.461	70,23	3,08	2,07
26		624,10	63,64	140.300	70,15	655,40	66,83	147.340	73,67	3,22	2,17
27		669,10	68,23	150.412	75,21	702,60	71,65	157.960	78,98	3,47	2,33
28		721,00	73,53	162.097	81,05	757,20	77,22	170.231	85,12	3,73	2,50
28.58	1 1/8	756,20	77,11	170.000	85,00	794,10	80,98	178.521	89,26	3,92	2,63
30		828,80	84,52	186.329	93,16	870,40	88,76	195.680	97,84	4,30	2,89
31.75	1 1/4	920,00	93,81	206.824	103,41	965,00	98,40	216.941	108,47	4,79	3,22
32		935,50	95,39	210.300	105,15	982,40	100,18	220.852	110,43	4,84	3,25
34		1.063,90	108,49	239.176	119,59	1.117,30	113,93	251.178	125,59	5,51	3,70
34.93	1 3/8	1.119,40	114,15	251.651	125,83	1.175,60	119,88	264.285	132,14	5,80	3,90
36		1.202,50	122,62	270.337	135,17	1.262,90	128,78	283.902	141,95	6,24	4,19
38	1 1/2	1.330,80	135,70	299.176	149,59	1.397,60	142,51	314.189	157,09	6,91	4,64
40		1.477,90	150,70	332.247	166,12	1.552,10	158,27	348.919	174,46	7,66	5,15
41.28	1 5/8	1.586,90	161,82	356.749	178,37	1.666,50	169,94	374.644	187,32	8,23	5,53
42		1.644,20	167,66	369.625	184,81	1.726,70	176,07	388.173	194,09	8,49	5,71
44		1.780,50	181,56	400.273	200,14	1.868,70	190,56	420.111	210,06	9,20	6,18
44.45	1 3/4	1.868,30	190,51	420.010	210,01	1.962,00	200,07	441.075	220,54	9,69	6,51
46		1.949,40	198,78	438.239	219,12	2.047,20	208,76	460.230	230,12	10,13	6,81
47.63	1 7/8	2.078,00	211,90	467.153	233,58	2.180,00	222,30	490.083	245,04	10,78	7,24
48		2.106,30	214,79	473.520	236,76	2.212,00	225,56	497.282	248,64	10,90	7,33
50		2.314,90	236,05	520.412	260,21	2.431,10	247,90	546.526	273,26	12,02	8,08
50.8	2	2.372,20	241,90	533.292	266,65	2.491,30	254,04	560.066	280,03	12,29	8,26