

NAVIGATION

// ROTATION-RESISTANT

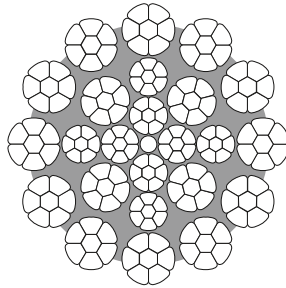
NR Maxipact (Option PPI)
NR15 Maxiift (Option PPI)
Towerlift 15

LT 24 K

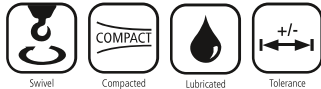
// SEMI-ROTATION-RESISTANT

// NON-ROTATION-RESISTANT

OLIVEIRA LT 24 K



PROPERTIES



APPLICATIONS

Recommended for intensive use and severe hoist applications where rotation resistance property is required like e.g. tower cranes. For lifting applications with not less than 2 falls.

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
23-1	7,20 – 20	24xK7	12	169	84	0,683	*N/mm ²
25	21 – 48	24xK17	12	289	204	0,694	0,84 (1960*)

- Temperature range of use: -50°C to +100°C
- Available in Lang's lay
- Available in right hand and left hand

nominal diameter		weight		minimum breaking force			
				1960 N/mm ²			
mm	inch	kg/m	lb/ft	kN	t [metric]	lbs	t [2000 lbs]
7,20		0,23	0,15	43,7	4,46	9.824	4,91
8	5/16	0,28	0,19	55,1	5,62	12.387	6,19
9		0,36	0,24	69,6	7,10	15.647	7,82
9,53	3/8	0,40	0,27	77,3	7,88	17.378	8,69
10		0,46	0,31	88,2	8,99	19.828	9,91
11	7/16	0,56	0,38	107,6	10,97	24.189	12,09
12		0,67	0,45	128,0	13,05	28.776	14,39
12,70	1/2	0,75	0,50	142,3	14,51	31.990	16,00
13		0,78	0,52	149,1	15,20	33.519	16,76
14		0,91	0,61	174,1	17,75	39.139	19,57
15		1,05	0,71	198,0	20,19	44.512	22,26
15,88	5/8	1,17	0,78	222,5	22,69	50.020	25,01
16		1,20	0,81	229,6	23,41	51.616	25,81
17		1,34	0,90	255,5	26,05	57.439	28,72
18		1,51	1,01	294,1	29,99	66.116	33,06
19	3/4	1,69	1,14	323,5	32,99	72.726	36,36
20		1,88	1,27	353,7	36,07	79.515	39,76
21		2,10	1,41	401,9	40,99	90.360	45,18
22		2,28	1,53	432,7	44,12	97.275	48,64
22,23	7/8	2,29	1,54	436,0	44,46	98.017	49,01
24		2,75	1,85	526,2	53,66	118.294	59,15
25,40	1	3,08	2,07	575,0	58,63	129.265	64,63
26		3,20	2,15	610,0	62,20	137.133	68,57
28		3,71	2,50	705,7	71,96	158.648	79,32
28,58	1 1/8	3,89	2,61	743,8	75,85	167.213	83,61
30		4,24	2,85	807,8	82,37	181.601	90,80
31,75	1 1/4	4,70	3,16	910,0	92,79	204.576	102,29
32		4,80	3,23	934,6	95,30	210.106	105,05
34		5,48	3,68	1.047,0	106,76	235.375	117,69
34,93	1 3/8	5,77	3,87	1.090,0	111,15	245.042	122,52
35		5,78	3,89	1.108,0	112,98	249.088	124,54
36		6,13	4,12	1.165,0	118,80	261.902	130,95
38	1 1/2	6,78	4,55	1.295,0	132,05	291.128	145,56
40		7,64	5,14	1.429,0	145,72	321.252	160,63
41		8,04	5,40	1.498,0	152,75	336.764	168,38
41,28	1 5/8	8,08	5,43	1.503,0	153,26	337.888	168,94
42		8,37	5,62	1.572,0	160,30	353.400	176,70
44		9,17	6,16	1.713,0	174,68	385.098	192,55
44,45	1 3/4	9,40	6,32	1.765,0	179,98	396.788	198,39
46		9,95	6,69	1.861,0	189,77	418.369	209,18
47,63	1 7/8	10,61	7,13	1.990,0	202,92	447.370	223,68
48		10,94	7,35	2.054,0	209,45	461.757	230,88