

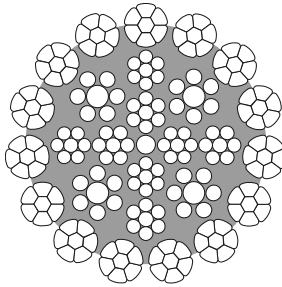
NAVIGATION

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

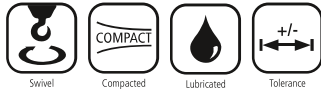
// SEMI-ROTATION-RESISTANT

// NON-ROTATION-RESISTANT

OLIVEIRA TOWERLIFT 15



PROPERTIES



APPLICATIONS

The Towerlift 15 can be used for all cranes and hoisting systems where non-rotating properties are required: Tower cranes, mobile cranes, crawler cranes, offshore cranes, cargo 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	8 - 21	27x7	15	190	105	0,648	0,85 (1960*)
23-2	22 - 50,80	31x7	15	217	105	0,660	0,81 (2160*)

- Temperature range of use: -50°C to +100°C
- 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			
mm	inch	kg/m	lb/ft	kN	t [metric]	lbs	t[2000 lbs]	kN	t [metric]	lbs	t[2000 lbs]
8	5/16	0,27	0,18	51,6	5,26	11.600	5,80	53,5	5,46	12.027	6,01
9		0,35	0,24	64,3	6,56	14.455	7,23	67,5	6,88	15.175	7,59
9,53	3/8	0,40	0,27	76,3	7,78	17.153	8,58	80,0	8,16	17.985	8,99
10		0,43	0,29	83,7	8,54	18.817	9,41	87,8	8,95	19.738	9,87
11	7/16	0,53	0,36	101,5	10,35	22.818	11,41	106,4	10,85	23.920	11,96
12		0,62	0,42	120,8	12,32	27.157	13,58	126,6	12,91	28.461	14,23
12,70	1/2	0,73	0,49	137,0	13,97	30.799	15,40	144,0	14,68	32.372	16,19
13		0,75	0,50	142,4	14,52	32.013	16,01	149,3	15,22	33.564	16,78
14		0,85	0,57	164,7	16,79	37.026	18,51	172,7	17,61	38.824	19,41
15		1,01	0,68	193,4	19,72	43.478	21,74	202,8	20,68	45.591	22,80
15,88	5/8	1,13	0,76	213,0	21,72	47.884	23,94	222,0	22,64	49.908	24,95
16		1,14	0,77	218,9	22,32	49.211	24,61	229,6	23,41	51.616	25,81
17		1,28	0,86	247,7	25,26	55.685	27,84	259,8	26,49	58.405	29,20
18		1,44	0,97	277,4	28,29	62.362	31,18	290,9	29,66	65.397	32,70
19	3/4	1,61	1,08	310,2	31,63	69.736	34,87	325,4	33,18	73.153	36,58
20		1,80	1,21	339,6	34,63	76.345	38,17	356,2	36,32	80.077	40,04
21		1,96	1,31	377,2	38,46	84.798	42,40	395,6	40,34	88.934	44,47
22		2,19	1,47	421,4	42,97	94.734	47,37	441,9	45,06	99.343	49,67
22,23	7/8	2,26	1,52	435,0	44,36	97.792	48,90	455,0	46,40	102.288	51,14
23		2,40	1,61	459,8	46,89	103.367	51,68	482,2	49,17	108.403	54,20
24		2,60	1,74	496,9	50,67	111.708	55,85	521,2	53,15	117.170	58,59
25		2,84	1,91	540,9	55,16	121.599	60,80	567,2	57,84	127.512	63,76
25,40	1	2,92	1,96	560,0	57,10	125.893	62,95	590,0	60,16	132.637	66,32
26		3,00	2,02	578,0	58,94	129.940	64,97	606,2	61,82	136.279	68,14
27		3,30	2,22	634,6	64,71	142.664	71,33	665,5	67,86	149.610	74,81
28		3,60	2,42	684,6	69,81	153.904	76,95	717,9	73,21	161.390	80,70
28,58	1 1/8	3,69	2,48	710,0	72,40	159.614	79,81	744,0	75,87	167.258	83,63
30		4,06	2,73	782,1	79,75	175.823	87,91	820,3	83,65	184.411	92,21
31,75	1 1/4	4,53	3,04	870,0	88,72	195.584	97,79	913,0	93,10	205.251	102,63
32		4,59	3,08	877,8	89,51	197.337	98,67	920,6	93,88	206.959	103,48
34		5,28	3,55	1.009,0	102,89	226.832	113,42	1.058,0	107,89	237.848	118,92
34,93	1 3/8	5,54	3,73	1.060,0	108,09	238.297	119,15	1.112,0	113,39	249.987	124,99
36		5,90	3,97	1.124,0	114,62	252.685	126,34	1.179,0	120,22	265.500	132,52
38	1 1/2	6,40	4,30	1.240,0	126,44	278.763	139,38	1.301,0	132,67	292.476	146,24
40		7,13	4,79	1.371,0	139,80	308.213	154,11	1.438,0	146,64	323.275	161,64
41,28	1 5/8	7,70	5,17	1.483,0	151,22	333.392	166,70	1.555,0	158,57	349.578	174,79
42		7,83	5,26	1.503,0	153,26	337.888	168,94	1.577,0	160,81	354.524	177,26
43		8,29	5,57	1.611,0	164,28	362.167	181,08	1.690,0	172,33	379.927	189,96
44		8,64	5,80	1.678,0	171,11	377.229	188,61	1.759,0	179,37	395.439	197,72
44,45	1 3/4	8,92	5,99	1.719,0	175,29	386.446	193,22	1.802,0	183,75	405.106	202,55
45		9,09	6,11	1.749,0	178,35	393.191	196,60	1.834,0	187,02	412.300	206,15
46		9,47	6,36	1.820,0	185,59	409.152	204,58	1.909,0	194,66	429.160	214,58
47,63	1 7/8	10,18	6,84	1.964,0	200,27	441.525	220,76	2.060,0	210,06	463.106	231,55
48		10,28	6,91	1.985,0	202,41	446.246	223,12	2.082,0	212,30	468.052	234,03
50		11,22	7,54	2.176,0	221,89	489.184	244,59	2.283,0	232,80	513.239	256,62
50,80	2	11,65	7,83	2.230,0	227,40	501.324	250,66	2.300,0	234,53	517.060	258,53

Special constructions and diameters available - please contact us directly.