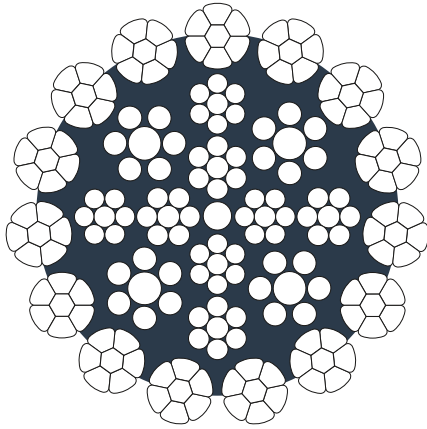
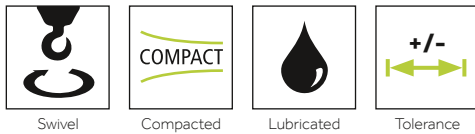


OLIVEIRA TOWERLIFT 15



PROPERTIES



Swivel

Compacted

Lubricated

Tolerance

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*)

*N/mm²

- Temperature range of use: -50°C to +75°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[2000lbs]	kN	t [metric]	lbs	t[2000lbs]
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	102,89	226.832	113,42	1.058	107,89	237.848	118,92
34,93	1 3/8	5,54	3,73	1.060	108,09	238.297	119,15	1.112	113,39	249.987	124,99
36		5,90	3,97	1.124	114,62	252.685	126,34	1.179	120,22	265.050	132,52
38	1 1/2	6,40	4,30	1.240	126,44	278.763	139,38	1.301	132,67	292.476	146,24
40		7,13	4,79	1.371	139,80	308.213	154,11	1.438	146,64	323.275	161,64
41,28	1 5/8	7,70	5,17	1.483	151,22	333.392	166,70	1.555	158,57	349.578	174,79
42		7,83	5,26	1.503	153,26	337.888	168,94	1.577	160,81	354.524	177,26
43		8,29	5,57	1.611	164,28	362.167	181,08	1.690	172,33	379.927	189,96
44		8,64	5,80	1.678	171,11	377.229	188,61	1.759	179,37	395.439	197,72
44,45	1 3/4	8,92	5,99	1.719	175,29	386.446	193,22	1.802	183,75	405.106	202,55
45		9,09	6,11	1.749	178,35	393.191	196,60	1.834	187,02	412.300	206,15
46		9,47	6,36	1.820	185,59	409.152	204,58	1.909	194,66	429.160	214,58
47,63	1 7/8	10,18	6,84	1.964	200,27	441.525	220,76	2.060	210,06	463.106	231,55
48		10,28	6,91	1.985	202,41	446.246	223,12	2.082	212,30	468.052	234,03
50		11,22	7,54	2.176	221,89	489.184	244,59	2.283	232,80	513.239	256,62
50,80	2	11,65	7,83	2.230	227,40	501.324	250,66	2.300	234,53	517.060	258,53