

## OLIVEIRA TOWERLIFT 15

- ★ Temperature range of use: -50 °C to 100 °C.
- ★ Available in ordinary lay and lang's lay.
- ★ Available in right hand and left hand.
- ★ Should be used with a swivel.

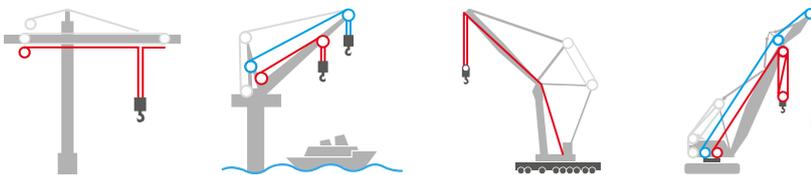
### Applications:

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.



### 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	8 - 21	27x7	15	190	105	0.6480	0.8500 (1960 N/mm <sup>2</sup> )
23-2	22 - 50,80	31x7	15	217	105	0.6600	0.8100 (2160 N/mm <sup>2</sup> )




**OLIVEIRA TOWERLIFT 15**

Rope Diameter		Minimum Breaking Force 1960 N/mm <sup>2</sup>				Minimum Breaking Force 2160 N/mm <sup>2</sup>				Weight	
(mm)	(inch)	(kN)	(ton)	(lbs)	(ton, 2000 lbs)	(kN)	(ton)	(lbs)	(ton, 2000 lbs)	(kg/m)	(lb/ft)
8	5/16	51,60	5,26	11.600	5,80	53,50	5,46	12.027	6,01	0,27	0,18
9		64,30	6,56	14.455	7,23	67,50	6,88	15.175	7,59	0,35	0,24
9.53	3/8	76,30	7,78	17.153	8,58	80,00	8,16	17.985	8,99	0,40	0,27
10		83,70	8,54	18.817	9,41	87,80	8,95	19.738	9,87	0,43	0,29
11	7/16	101,50	10,35	22.818	11,41	106,40	10,85	23.920	11,96	0,53	0,36
12		120,80	12,32	27.157	13,58	126,60	12,91	28.461	14,23	0,62	0,42
12.7	1/2	137,00	13,97	30.799	15,40	144,00	14,68	32.372	16,19	0,73	0,49
13		142,40	14,52	32.013	16,01	149,30	15,22	33.564	16,78	0,75	0,50
14		164,70	16,79	37.026	18,51	172,70	17,61	38.824	19,41	0,85	0,57
15		193,40	19,72	43.478	21,74	202,80	20,68	45.591	22,80	1,01	0,68
15.88	5/8	213,00	21,72	47.884	23,94	222,00	22,64	49.908	24,95	1,13	0,76
16		218,90	22,32	49.211	24,61	229,60	23,41	51.616	25,81	1,14	0,77
17		247,70	25,26	55.685	27,84	259,80	26,49	58.405	29,20	1,28	0,86
18		277,40	28,29	62.362	31,18	290,90	29,66	65.397	32,70	1,44	0,97
19	3/4	310,20	31,63	69.736	34,87	325,40	33,18	73.153	36,58	1,61	1,08
20		339,60	34,63	76.345	38,17	356,20	36,32	80.077	40,04	1,80	1,21
21		377,20	38,46	84.798	42,40	395,60	40,34	88.934	44,47	1,96	1,31
22		421,40	42,97	94.734	47,37	441,90	45,06	99.343	49,67	2,19	1,47
22.23	7/8	435,00	44,36	97.792	48,90	455,00	46,40	102.288	51,14	2,26	1,52
23		459,80	46,89	103.367	51,68	482,20	49,17	108.403	54,20	2,38	1,60
24		496,90	50,67	111.708	55,85	521,20	53,15	117.170	58,59	2,58	1,74
25		540,90	55,16	121.599	60,80	567,20	57,84	127.512	63,76	2,80	1,88
25.4	1	560,00	57,10	125.893	62,95	590,00	60,16	132.637	66,32	2,92	1,96
26		578,00	58,94	129.940	64,97	606,20	61,82	136.279	68,14	2,99	2,01
27		634,60	64,71	142.664	71,33	665,50	67,86	149.610	74,81	3,29	2,21
28		684,60	69,81	153.904	76,95	717,90	73,21	161.390	80,70	3,54	2,38
28.58	1 1/8	710,00	72,40	159.614	79,81	744,00	75,87	167.258	83,63	3,69	2,48
30		782,10	79,75	175.823	87,91	820,30	83,65	184.411	92,21	4,05	2,72
31.75	1 1/4	870,00	88,72	195.584	97,79	913,00	93,10	205.251	102,63	4,53	3,04
32		877,80	89,51	197.337	98,67	920,60	93,88	206.959	103,48	4,54	3,05
34		1.009,30	102,92	226.900	113,45	1.058,50	107,94	237.960	118,98	5,21	3,50
34.93	1 3/8	1.060,00	108,09	238.297	119,15	1.112,00	113,39	249.987	124,99	5,54	3,73
36		1.124,90	114,71	252.888	126,44	1.179,80	120,31	265.230	132,61	5,82	3,91
38	1 1/2	1.240,90	126,54	278.965	139,48	1.301,40	132,71	292.566	146,28	6,40	4,30
40		1.371,30	139,83	308.280	154,14	1.438,20	146,66	323.320	161,66	7,14	4,80
41.28	1 5/8	1.483,00	151,22	333.392	166,70	1.555,00	158,57	349.578	174,79	7,70	5,17
42		1.503,90	153,36	338.090	169,05	1.577,20	160,83	354.569	177,28	7,83	5,26
43		1.611,80	164,36	362.347	181,17	1.690,30	172,36	379.994	190,00	8,29	5,57
44		1.678,00	171,11	377.229	188,61	1.759,80	179,45	395.619	197,81	8,64	5,80
44.45	1 3/4	1.719,00	175,29	386.446	193,22	1.802,00	183,75	405.106	202,55	8,92	5,99
45		1.749,40	178,39	393.281	196,64	1.834,60	187,08	412.434	206,22	9,09	6,11