

// ROTATION-RESISTANT

// SEMI-ROTATION-RESISTANT

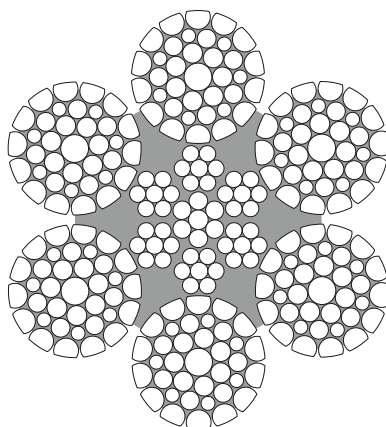
// NON-ROTATION-RESISTANT

HD 8 K (Option PPI)  
HD 9 K (Option PPI)

**SC 6 K**

SC 8 C (Option PPI)  
DP 8 K (Option PPI)  
DP 10 K  
LP 5

# OLIVEIRA SC 6 K



## PROPERTIES



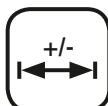
No Swivel



Compacted



Lubricated



Tolerance

## APPLICATIONS

Can be used for all hoist and pulling applications when a higher MBL instead of 6 strands conventional ropes is required. Manufacturing of slings with a high MBL. Mainly used for logging (forest industry).

## 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
02	10 – 13	6xK19	6	163	114	0,666	0,86 (1960*)
06	14 – 19	6xK26	6	205	156	0,663	
08	20 – 29	6xK31	6	235	186	0,675	0,84 (1960*)
09	30 – 60	6xK36	6	265	216	0,675	

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

nominal diameter		weight		minimum breaking force			
				1960 N/mm <sup>2</sup>			
mm	inch	kg/m	lb/ft	kN	t [metric]	lbs	t [2000 lbs]
10		0,44	0,30	87,7	8,94	19.716	9,86
11	7/16	0,54	0,37	107,0	10,91	24.055	12,03
12		0,64	0,43	125,8	12,83	28.292	14,15
12,70	1/2	0,73	0,49	138,0	14,07	31.024	15,51
13		0,77	0,52	150,1	15,31	33.744	16,87
14		0,89	0,60	169,3	17,26	38.052	19,03
15		1,00	0,67	190,9	19,47	42.916	21,46
15,88	5/8	1,11	0,74	209,0	21,31	46.985	23,49
16		1,15	0,77	218,8	22,31	49.190	24,59
17		1,31	0,88	250,5	25,54	56.315	28,16
18		1,45	0,97	276,7	28,21	62.196	31,10
19	3/4	1,62	1,09	311,1	31,72	69.940	34,97
20		1,78	1,20	344,8	35,16	77.509	38,75
22		2,16	1,45	419,0	42,73	94.195	47,10
22,23	7/8	2,24	1,50	420,0	42,83	94.420	47,21
24		2,61	1,76	504,3	51,42	113.371	56,69
25		2,80	1,88	542,5	55,32	121.959	60,98
25,40	1	2,91	1,96	565,2	57,63	127.062	63,53
26		3,09	2,07	598,2	61,00	134.481	67,24
28		3,53	2,37	681,6	69,50	153.228	76,61
28,58	1 1/8	3,65	2,45	687,0	70,05	154.444	77,22
29		3,81	2,56	737,7	75,22	165.842	82,92
30		4,05	2,72	786,6	80,21	176.826	88,41
31,75	1 1/4	4,58	3,07	850,0	86,68	191.088	95,54
32		4,61	3,09	890,9	90,84	200.276	100,14
34		5,22	3,51	1.011,9	103,19	227.487	113,74
34,93	1 3/8	5,56	3,74	1.030,0	105,03	231.553	115,78
35		5,56	3,74	1.076,4	109,76	241.984	120,99
36		5,85	3,93	1.131,7	115,40	254.412	127,21
38	1 1/2	6,51	4,38	1.261,1	128,59	283.496	141,75
40		7,23	4,86	1.401,7	142,94	315.118	157,56
41,28	1 5/8	7,77	5,22	1.450,0	147,86	325.973	162,99
42		7,91	5,32	1.530,1	156,03	343.990	172,00
44		8,80	5,91	1.701,5	173,50	382.512	191,26
44,45	1 3/4	8,96	6,02	1.710,0	174,37	384.423	192,21
46		9,55	6,41	1.847,3	188,37	415.289	207,64
47,63	1 7/8	10,34	6,95	1.940,0	197,82	436.129	218,06
48		10,40	6,99	2.012,2	205,18	452.350	226,17
50		11,27	7,57	2.178,6	222,16	489.777	244,89
50,80	2	11,54	7,75	2.182,0	222,50	490.533	245,27
52		12,24	8,23	2.364,1	241,07	531.466	265,73
54	2 1/8	12,97	8,71	2.460,0	250,85	553.030	276,51
56		14,01	9,41	2.649,0	270,12	595.519	297,76
57,15	2 1/4	14,64	9,84	2.758,0	281,24	620.023	310,01
58		15,01	10,09	2.840,0	289,60	638.457	319,23
60		16,06	10,79	3.040,0	309,99	683.419	341,71

Special constructions and diameters available - please contact us directly.