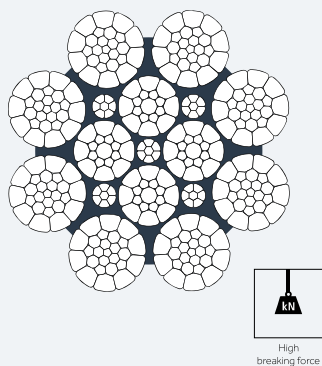
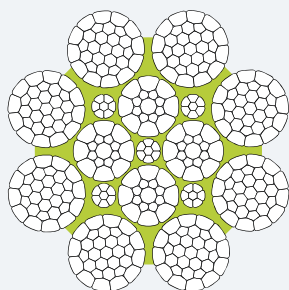


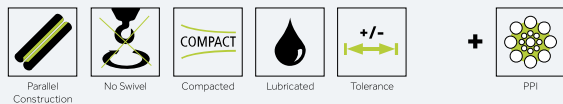
OLIVEIRA DP 8 K



OLIVEIRA DP 8 K PPI



PROPERTIES



APPLICATIONS

When an extremely high MBL is required for a multipart reeving hoist system: electric hoists, twin hoists systems, boom hoist and pendant rope for mobile cranes, tower cranes and all marine equipments.

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
							*N/mm ²
03	6,40 – 7,20	8xK12	8	105	96	0,701	0,86 (2160*)
03	8 – 17	8xK17	8	239	136	0,710	
09	18 – 28,58	8xK26	8	311	208	0,712	
11	30 – 38	8xK31	8	351	248	0,721	

- Temperature range of use: -50°C to +75°C
- Please add 1.5% on the weight for ropes with PPI
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Fleet angle must be < 1° 30

nominal diameter		weight		minimum breaking force			
				2160 N/mm ²			
mm	inch	kg/m	lb/ft	kN	t [metric]	lbs	t[2000lbs]
6,40		0.19	0.13	41,4	4,22	9.307	4,65
7		0.23	0.16	50,5	5,15	11.353	5,68
7,20		0.25	0.16	53,2	5,42	11.960	5,98
8	5/16	0.30	0.20	64,1	6,54	14.410	7,21
8,50		0.34	0.23	73,3	7,47	16.478	8,24
9		0.39	0.26	82,3	8,39	18.502	9,25
9,53	3/8	0.43	0.29	92,2	9,40	20.727	10,36
10		0.48	0.32	102,4	10,44	23.020	11,51
11	7/16	0.57	0.38	123,1	12,55	27.674	13,84
12		0.68	0.46	147,3	15,02	33.114	16,56
12,70	1/2	0.76	0.51	159,0	16,21	35.745	17,87
13		0.82	0.55	176,3	17,98	39.634	19,82
14		0.93	0.63	202,6	20,66	45.546	22,77
15		1.09	0.73	236,9	24,16	53.262	26,63
15,88	5/8	1.21	0.82	254,4	25,94	57.191	28,60
16		1.22	0.82	263,9	26,91	59.325	29,66
17		1.40	0.94	302,8	30,88	68.072	34,04
18		1.54	1.04	335,3	34,19	75.374	37,69
19	3/4	1.73	1.16	375,8	38,32	84.491	42,25
20		1.90	1.27	410,9	41,90	92.364	46,18
22		2.31	1.55	500,8	51,07	112.584	56,29
22,23	7/8	2.35	1.58	503,0	51,29	113.079	56,54
24		2.81	1.89	607,0	61,90	136.459	68,23
25,40	1	3.06	2.05	649,0	66,18	145.901	72,95
26		3.23	2.17	701,1	71,49	157.618	78,81
28		3.74	2.51	809,5	82,55	181.983	90,99
28,58	1 1/8	3.89	2.61	820,0	83,62	184.343	92,17
30		4.34	2.92	942,1	96,06	211.782	105,89
31,75	1 1/4	4.85	3.26	1.023	104,32	229.980	114,99
32		4.90	3.29	1.066	108,70	239.646	119,82
34		5.62	3.77	1.220	124,41	274.267	137,13
34,93	1 3/8	5.84	3.93	1.231	125,53	276.740	138,37
36		6.25	4.20	1.357	138,38	305.066	152,53
38	1 1/2	7.00	4.71	1.523	155,30	342.384	171,19