

NAVIGATION

// ROTATION-RESISTANT

// NON-ROTATION-RESISTANT

HD 8 K (Option PPI)

HD 9 K (Option PPI)

SC 6 K

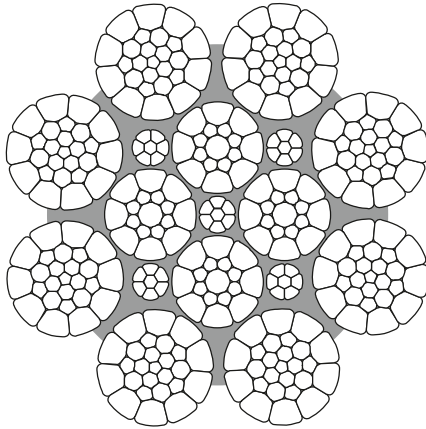
SC 8 C (Option PPI)

DP 8 K (Option PPI)

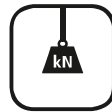
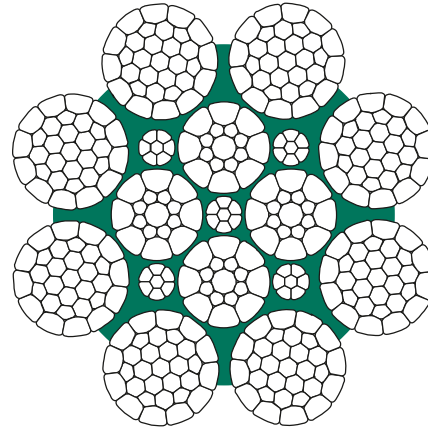
DP 10 K

LP 5

OLIVEIRA DP 8 K



OLIVEIRA DP 8 K PPI



High
breaking force

PROPERTIES



Parallel
Construction



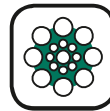
Compacted



Lubricated



No Swivel



PPI



Parallel
Construction



Compacted



Lubricated



No Swivel

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

Diameter range [mm]	Construction	Number of outer strands	Number of wires	Number of outer load bearing wires	Average fill factor	Average spin factor
6,4 – 7,2	8xK12	8	105	96	0,701	
8 – 17	8xK17	8	239	136	0,710	0,860
18 – 28	8xK26	8	311	208	0,712	(2160 N/mm ²)
30 – 38	8xK31	8	351	248	0,721	

- Tolerance on diameter: (EN: +0%; +5%)
- Temperature range of use: -50°C to +100°C
- Temperature range of use for option PPI: -50°C to +80°C
- Option PPI – only available for diameter ≥ 13 mm
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Fleet angle must be $< 1^\circ 30'$

nominal diameter	metallic area	weight	calculated aggregate breaking force		minimum breaking force	
			2160 N/mm ²		2160 N/mm ²	
			kN	t [metric]	kN	t [metric]
mm	mm ²	kg/m				
6,4	22,3	0,191	48,2	4,91	41,4	4,22
7	27,2	0,233	58,8	5,99	50,5	5,15
7,2	28,6	0,245	61,9	6,31	53,2	5,42
8	35,2	0,301	76	7,75	64,1	6,54
8,5	39,9	0,341	86,1	8,78	73,3	7,47
9	45,4	0,388	98	10	82,3	8,39
10	55,6	0,475	120	12,2	102	10,4
11	66,3	0,567	143	14,6	123	12,6
12	79,4	0,678	171	17,5	147	15
13	95,2	0,814	206	21	176	18
14	109	0,935	236	24,1	203	20,7
15	128	1,092	276	28,1	237	24,2
16	142	1,216	307	31,3	264	26,9
17	163	1,398	352	35,9	303	30,9
18	180	1,542	390	39,8	335	34,2
19	202	1,729	437	44,6	376	38,3
20	221	1,896	478	48,7	411	41,9
22	270	2,308	582	59,4	501	51,1
24	328	2,81	709	72,3	606	61,8
26	377	3,229	815	83,1	701	71,5
28	438	3,74	945	96,4	810	82,5
30	508	4,338	1097	112	942	96,1
32	575	4,901	1242	127	1066	109
34	659	5,616	1423	145	1220	124
36	733	6,246	1583	161	1358	138
38	821	7,005	1774	181	1524	155

Special constructions and diameters available - please contact us directly.