

NAVIGATION

// ROTATION-RESISTANT

// NON-ROTATION-RESISTANT

HD 8 K (Option PPI)

HD 9 K (Option PPI)

SC 6 K

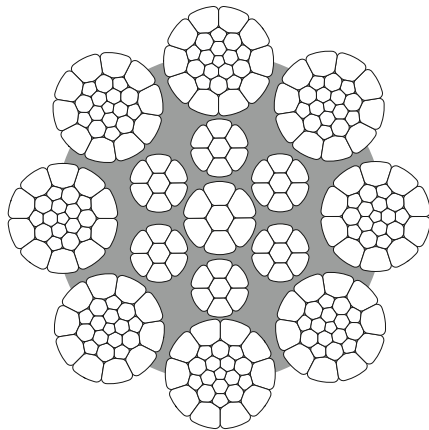
SC 8 C (Option PPI)

DP 8 K (Option PPI)

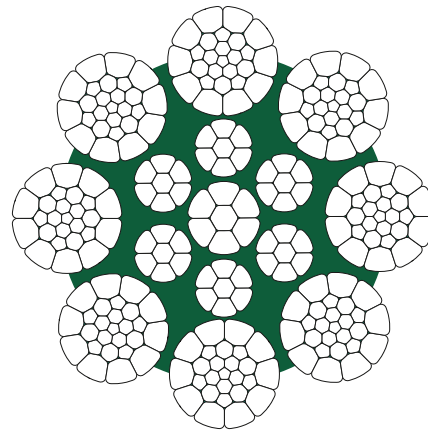
DP 10 K

LP 5

OLIVEIRA HD 8 K



OLIVEIRA HD 8 K PPI



PROPERTIES



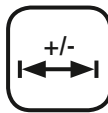
No Swivel



Compacted

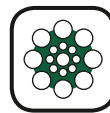


Lubricated



Tolerance

+



PPI

APPLICATIONS

When rotation resistant ropes are not required (twin hoist systems with right and left ropes, small heights). Hoist for steel mill cranes, container cranes, floating cranes and boom hoist for deck cranes, luffing and mobile cranes, grab 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
03	8 – 11	8xK12	8	145	96	0,663	
03	12 – 15	8xK17	8	185	136	0,669	0,850
09	16 – 28	8xK26	8	257	208	0,666	(1960 N/mm ²)
11	30 – 42	8xK31	8	297	248	0,670	0,810
13	44 – 60	8xK36	8	407	288	0,682	(2160 N/mm ²)

- 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 ≥ 13mm
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand

nominal diameter	metallic area	weight	calculated aggregate breaking force				minimum breaking force			
			1960 N/mm ²		2160 N/mm ²		1960 N/mm ²		2160 N/mm ²	
mm	mm ²	kg/m	kN	t [metric]	kN	t [metric]	kN	t [metric]	kN	t [metric]
8	32,9	0,284			71,2	7,26			58,0	5,91
9	42,2	0,362			91,1	9,29			73,6	7,50
10	53,3	0,458			115	11,7			92,4	9,4
11	64,3	0,553			139	14,2			112	11,4
12	75,8	0,649	148	15,1	164	16,7	126	12,9	133	13,5
13	89,3	0,769	175	17,8	193	19,7	149	15,2	156	15,9
14	104	0,896	203	20,7	224	22,9	173	17,7	182	18,5
15	121	1,034	236	24,1	260	26,6	201	20,5	211	21,5
16	133	1,148	260	26,5	286	29,2	221	22,6	232	23,7
18	171	1,479	335	34,2	369	37,6	285	29,1	299	30,5
19	188	1,632	369	37,7	407	41,5	314	32,1	330	33,6
20	212	1,838	416	42,5	459	46,8	354	36,1	372	37,9
22	251	2,173	492	50,2	542	55,3	419	42,7	439	44,8
24	305	2,548	599	61,1	660	67,3	510	52,0	535	54,5
26	353	3,054	692	70,5	762	77,7	589	60,0	618	63,0
28	411	3,554	806	82,2	888	90,5	686	69,9	719	73,3
30	476	4,128	933	95,2	1029	105	794	81,0	833	85,0
32	543	4,694	1063	108	1172	120	905	92,3	949	96,8
34	610	5,261	1196	122	1318	134	1018	104	1067	109
36	688	5,969	1349	138	1487	152	1148	117	1204	123
38	762	6,612	1493	152	1645	168	1271	130	1332	136
40	845	7,298	1656	169	1825	186	1410	144	1479	151
41	878	7,579	1720	175	1896	193	1464	149	1536	157
42	922	7,978	1807	184	1992	203	1538	157	1613	165
44	1040	9,001	2039	208	2247	229	1736	177	1820	186
46	1129	9,780	2212	226	2438	249	1883	192	1975	201
48	1232	10,66	2415	246	2661	271	2055	210	2155	220
50	1350	11,69	2647	270	2917	297	2253	230	2363	241
52	1455	12,59	2851	291	3142	320	2427	247	2545	260
54	1563	13,54	3063	312	3375	344	2607	266	2734	279
56	1681	14,59	3295	336	3632	370	2805	286	2942	300
58	1811	15,69	3549	362	3911	399	3021	308	3168	323
60	1932	16,71	3788	386	4174	426	3224	329	3381	345

Special constructions and diameters available - please contact us directly.