

NAVIGATION

// ROTATION-RESISTANT

// SEMI-ROTATION-RESISTANT

// NON-ROTATION-RESISTANT

HD 8 K (Option PPI)

HD 9 K (Option PPI)

SC 6 K

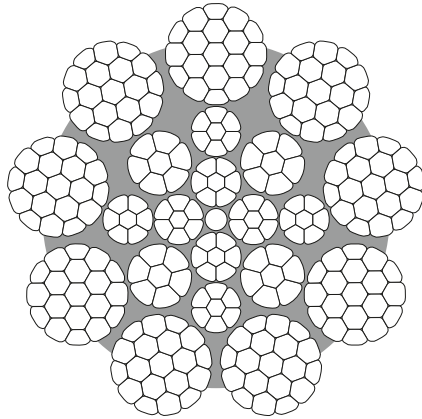
SC 8 C (Option PPI)

DP 8 K (Option PPI)

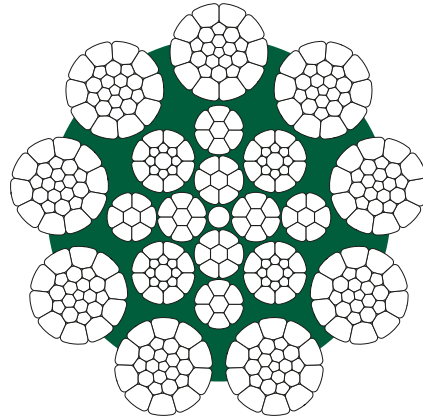
DP 10 K

LP 5

OLIVEIRA HD 9 K



OLIVEIRA HD 9 K PPI



PROPERTIES



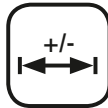
No Swivel



Compacted

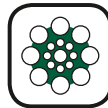


Lubricated



Tolerance

+



PPI

APPLICATIONS

Boom hoist for deck cranes, luffing for mobile and crawler, electric hoists, trolley for container cranes.

Recommended for all marine and offshore applications and all the most severe working environmental conditions.

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
06	9 – 12,70	9xK16*	9	193	144	0,668	
07	13 – 19	9xK19*	9	256	171	0,683	0,83 (1960*)
10	20 – 28,60	9xK26	9	359	234	0,684	0,81 (2160*)
12	30 – 38	9xK31	9	404	279	0,691	

- 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
- 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

*The core strands are closed in the opposite lay than the outer strands, leading the HD 9 K (PPI) to have a reduced torque (lower than 6 or 8 strands ropes in generally) for a better stability of the sheave block.

minimum breaking force

nominal diameter		weight		1960 N/mm ²								2160 N/mm ²							
				kN		t [metric]		lbs		t [2000 lbs]		kN		t [metric]		lbs		t [2000 lbs]	
mm	inch	kg/m	lb/ft																
9		0,37	0,25	69,5	7,09	15.624	7,81	74,9	7,64	16.838	8,42								
9,53	3/8	0,40	0,27	75,0	7,65	16.861	8,43	80,6	8,22	18.120	9,06								
10		0,46	0,31	86,0	8,77	19.334	9,67	92,2	9,40	20.727	10,36								
11	7/16	0,55	0,37	103,5	10,55	23.268	11,63	111,4	11,36	25.044	12,52								
12		0,65	0,44	122,3	12,47	27.494	13,75	131,5	13,41	29.562	14,78								
12,70	1/2	0,73	0,49	137,3	14,00	30.866	15,43	147,5	15,04	33.159	16,58								
13		0,79	0,53	148,0	15,09	33.272	16,64	159,1	16,22	35.767	17,88								
14		0,90	0,60	168,4	17,17	37.858	18,93	181,3	18,49	40.758	20,38								
15		1,05	0,71	197,5	20,14	44.400	22,20	212,7	21,69	47.817	23,91								
15,88	5/8	1,19	0,80	220,0	22,43	49.458	24,73	237,0	24,17	53.280	26,64								
16		1,19	0,80	223,0	22,74	50.132	25,07	240,0	24,47	53.954	26,98								
18		1,49	1,00	280,0	28,55	62.946	31,47	301,4	30,73	67.757	33,88								
19	3/4	1,70	1,14	318,0	32,43	71.489	35,74	342,8	34,96	77.064	38,53								
20		1,86	1,25	348,7	35,56	78.401	39,20	375,1	38,25	84.319	42,16								
22		2,25	1,51	422,8	43,11	95.041	47,52	454,7	46,36	102.215	51,11								
22,23	7/8	2,27	1,52	425,0	43,34	95.544	47,77	456,0	46,50	102.513	51,26								
24		2,69	1,81	505,0	51,50	113.532	56,77	543,1	55,38	122.102	61,05								
25		2,91	1,95	546,2	55,70	122.797	61,40	587,5	59,90	132.067	66,03								
25,40	1	3,00	2,01	562,4	57,35	126.433	63,22	604,9	61,68	135.987	67,99								
26		3,16	2,13	592,8	60,45	133.268	66,63	637,6	65,01	143.327	71,66								
28		3,64	2,45	682,7	69,61	153.473	76,74	734,2	74,87	165.058	82,53								
28,60	1 1/8	3,82	2,57	717,5	73,16	161.300	80,65	771,7	78,69	173.485	86,74								
30		4,21	2,83	807,1	82,30	181.449	90,72	847,6	86,43	190.554	95,28								
31,75	1 1/4	4,67	3,14	870,0	88,72	195.584	97,79	938,0	95,65	210.871	105,44								
32		4,83	3,24	928,8	94,71	208.805	104,40	975,4	99,47	219.283	109,64								
34		5,47	3,68	1.049,8	107,05	236.006	118,00	1.102,5	112,42	247.849	123,92								
34,93	1 3/8	5,73	3,85	1.077,0	109,82	242.119	121,06	1.150,0	117,27	258.530	129,27								
35		5,73	3,85	1.103,3	112,51	248.032	124,02	1.158,7	118,15	260.478	130,24								
36		6,12	4,11	1.172,8	119,59	263.650	131,83	1.231,6	125,59	276.880	138,44								
38	1 1/2	6,79	4,56	1.306,7	133,24	293.748	146,87	1.372,2	139,93	308.489	154,24								

Special constructions and diameters available - please contact us directly.