

OLIVEIRA DP 8 K PPI

- ★ 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.
- ★ 1.5% unit weight increase for PPI ropes.
- ★ Available in ordinary lay and lang's lay.
- ★ Available in right hand and left hand.
- ★ For fleet angles less than 1.3°.
- ★ Should not be used with a swivel.

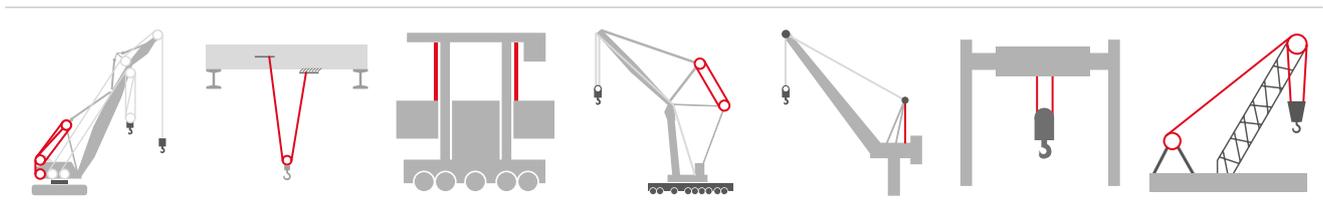
Applications:

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.



GENERAL VIEW

Category No: RCN	Diameter Range (mm)	Rope Construction	Number of Outer Strands	Number of Total Wires	Number of Wires in Outer Strands	Average Fill Factor	Average Spin Factor
03	6,40 - 7,20	8xK12	8	105	96	0.7010	0.8600 (2160 N/mm ²)
03	8 - 17	8xK17	8	239	136	0.7100	
09	18 - 28,58	8xK26	8	311	208	0.7120	
11	30 - 38	8xK31	8	351	248	0.7210	




OLIVEIRA DP 8 K PPI

Rope Diameter		Minimum Breaking Force 2160 N/mm ²				Weight	
(mm)	(inch)	(kN)	(ton)	(lbs)	t (2000 lbs)	(kg/m)	(lb/ft)
6.4		41,40	4,22	9.307	4,65	0,19	0,13
7		50,50	5,15	11.353	5,68	0,23	0,16
7.2		53,20	5,42	11.960	5,98	0,25	0,16
8	5/16	64,10	6,54	14.410	7,21	0,30	0,20
8.5		73,30	7,47	16.478	8,24	0,34	0,23
9		82,30	8,39	18.502	9,25	0,39	0,26
9.53	3/8	92,20	9,40	20.727	10,36	0,43	0,29
10		102,40	10,44	23.020	11,51	0,48	0,32
11	7/16	123,10	12,55	27.674	13,84	0,57	0,38
12		147,30	15,02	33.114	16,56	0,68	0,46
12.7	1/2	159,00	16,21	35.745	17,87	0,76	0,51
13		176,30	17,98	39.634	19,82	0,82	0,55
14		202,60	20,66	45.546	22,77	0,93	0,63
15		236,90	24,16	53.262	26,63	1,09	0,73
15.88	5/8	254,40	25,94	57.191	28,60	1,21	0,82
16		263,90	26,91	59.325	29,66	1,22	0,82
17		302,80	30,88	68.072	34,04	1,40	0,94
18		335,30	34,19	75.374	37,69	1,54	1,04
19	3/4	375,80	38,32	84.491	42,25	1,73	1,16
20		410,90	41,90	92.364	46,18	1,90	1,27
22		500,80	51,07	112.584	56,29	2,31	1,55
22.23	7/8	503,00	51,29	113.079	56,54	2,35	1,58
24		605,70	61,76	136.167	68,08	2,81	1,89
25.4	1	649,00	66,18	145.901	72,95	3,06	2,05
26		701,10	71,49	157.618	78,81	3,23	2,17
28		809,50	82,55	181.983	90,99	3,74	2,51
28.58	1 1/8	820,00	83,62	184.343	92,17	3,89	2,61
30		942,10	96,06	211.782	105,89	4,34	2,92
31.75	1 1/4	1.023,00	104,32	229.980	114,99	4,85	3,26
32		1.066,20	108,72	239.691	119,85	4,90	3,29
34		1.220,30	124,44	274.334	137,17	5,62	3,77
34.93	1 3/8	1.231,00	125,53	276.740	138,37	5,84	3,93
36		1.357,60	138,44	305.201	152,60	6,25	4,20
38	1 1/2	1.523,60	155,36	342.519	171,26	7,00	4,71