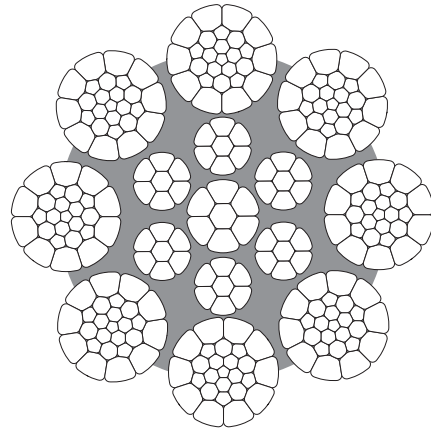
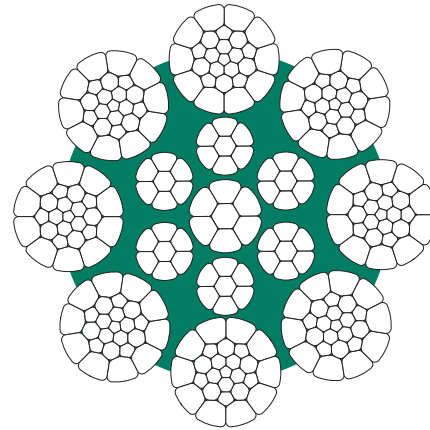


## OLIVEIRA HD 8 K



## OLIVEIRA HD 8 K PPI



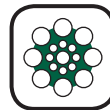
## PROPERTIES



Compacted



Lubricated



PPI



Compacted



Lubricated

## 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

Diameter range [mm]	Construction	Number of outer strands	Number of wires	Number of outer load bearing wires	Average fill factor	Average spin factor
8 – 11	8xK12	8	145	96	0,663	0,850
12 – 15	8xK17	8	185	136	0,669	(1960 N/mm <sup>2</sup> )
16 – 28	8xK26	8	257	208	0,666	0,810
30 – 42	8xK31	8	297	248	0,670	(2160 N/mm <sup>2</sup> )
44 – 60	8xK36	8	407	288	0,682	

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

nominal diameter		weight		minimum breaking force			
				1960 N/mm <sup>2</sup>		2160 N/mm <sup>2</sup>	
inch	mm	lb/ft		t[2000 lbs]	lbs	t[2000 lbs]	lbs
	8	0.19				6.52	13,039
	9	0.24				8.27	16,535
3/8"	9.5	0.26				8.95	17,899
	10	0.31				10.39	20,772
7/16"	11	0.37				12.59	25,179
	12	0.44		14.21	28,415	14.90	29,800
1/2"	12.70	0.48		15.51	31,015	16.26	32,526
	13	0.52		16.75	33,491	17.56	35,123
	14	0.60		19.46	38,922	20.41	40,819
9/16"	14.30	0.62		19.93	39,863	20.90	41,805
	15	0.69		22.61	45,228	23.72	47,432
5/8"	16	0.77		24.87	49,734	26.08	52,158
	18	0.99		32.05	64,098	33.61	67,221
3/4"	19	1.10		35.34	70,674	37.06	74,118
	20	1.24		39.85	79,692	41.79	83,576
7/8"	22	1.46		47.07	94,146	49.37	98,734
	24	1.71		57.29	114,577	60.08	120,160
1"	25.40	1.94		62.65	125,290	65.70	131,396
	26	2.05		66.19	132,386	69.42	138,838
	28	2.39		77.08	154,167	80.84	161,680
1 1/8"	28.60	2.46		79.52	159,043	83.40	166,793
	30	2.77		89.29	178,583	93.64	187,286
1 1/4"	32	3.15		101.75	203,499	106.71	213,415
	34	3.54		114.39	228,782	119.97	239,931
1 3/8"	34.93	3.70		118.91	237,823	124.71	249,413
	36	4.01		129.07	258,141	135.36	270,721
1 1/2"	38	4.44		142.82	285,634	149.78	299,553
	40	4.90		158.47	316,946	166.20	332,392
1 5/8"	41	5.09		164.59	329,183	172.61	345,225
	42	5.36		172.92	345,835	181.34	362,688
	44	6.05		195.09	390,183	204.60	409,198
1 3/4"	44.50	6.09		195.97	391,938	205.52	411,038
	46	6.57		211.68	423,356	221.99	443,987
1 7/8"	48	7.17		231.03	462,054	242.29	484,571
	50	7.86		253.23	506,469	265.57	531,150
2"	50.80	7.98		256.66	513,325	269.17	538,340
	52	8.46		272.80	545,594	286.09	572,182
	54	9.10		293.04	586,073	307.32	614,633
	56	9.80		315.29	630,588	330.66	661,318
	58	10.55		339.56	679,120	356.11	712,215
	60	11.23		362.39	724,776	380.05	760,096

Special constructions and diameters available - please contact us directly.