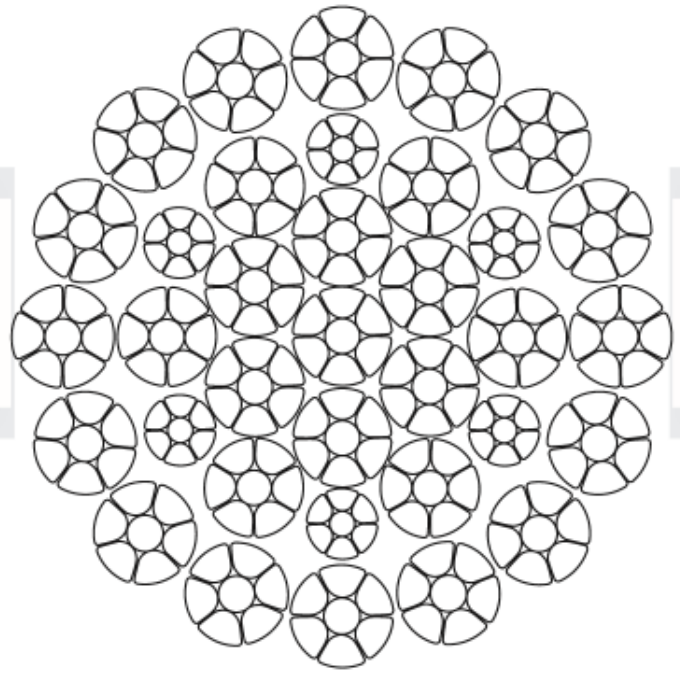


Hylift K16

- Rotation Resistant Rope
- Should be used with a Swivel
- Zinc Coated / Alumar Coated / Bright
- Compacted



TELESCOPIC CRANE



TRUCK CRANE



CRAWLER CRANE



LOADER CRANE



TOWER CRANE



PILEDRIVING EQUIPMENT



OVERHEAD TRAVELING CRANE



DECK CRANE



OFFSHORE CRANE

Technical Data

Diameter Range (mm)	Average Fill Factor	Average Spin Factor			Average Weight Factor	Lay Direction
		1770	1960	2160		
8-52	0.724	-	0.856	0.798	0.888	Regular Lay Lang's Lay

Diameter Range (mm)	Total number of load-bearing wires in the outer layer of strands	Discard criteria (Number of broken wires)			
		Single-layer drum & Steel sheaves		Multi-layer drum	
		6xd	30xd	6xd	30xd
8-52	112	3	5	5	10

Nominal Rope Diameter	Diameter tolerance		Outer wire Diameter	Metric unit.								Imperial unit.						
	min.	max.		Unit weight	MBL				Unit weight	MBL								
					1770 Grade	1960 Grade	2160 Grade	1770 Grade		1960 Grade	2160 Grade							
mm	inches	mm	mm	mm	kg/m	kN	t(M)	kN	t(M)	kN	t(M)	lb/ft	lbf	t(S)	lbf	t(S)	lbf	t(S)
8	8.16	8.32	0.42	0.313	52.84	5.39	61.08	6.23	62.75	6.40	0.210	11,862	5.94	13,710	6.87	14,086	7.05	
9	9.18	9.36	0.48	0.397	66.88	6.82	77.30	7.88	79.42	8.10	0.267	15,013	7.52	17,352	8.69	17,827	8.93	
10	10.20	10.40	0.53	0.490	82.56	8.42	95.43	9.73	98.04	10.00	0.329	18,533	9.28	21,422	10.73	22,009	11.02	
11	11.22	11.44	0.58	0.593	99.9	10.19	115.5	11.77	118.6	12.10	0.398	22,426	11.23	25,921	12.98	26,631	13.33	
12	12.24	12.48	0.64	0.705	118.9	12.12	137.4	14.01	141.2	14.40	0.474	26,691	13.36	30,848	15.45	31,693	15.87	
12.7	1/2	12.95	13.21	0.67	0.790	133.2	13.58	153.9	15.70	158.1	16.13	0.531	29,901	14.97	34,552	17.30	35,498	17.77
13	13.26	13.52	0.69	0.828	139.5	14.23	161.3	16.45	165.7	16.90	0.556	31,315	15.68	36,203	18.13	37,195	18.62	
14	14.28	14.56	0.74	0.960	161.8	16.50	187.0	19.07	192.2	19.60	0.645	36,321	18.19	41,987	21.02	43,137	21.60	
14.3	9/16	14.59	14.87	0.76	1.002	168.5	17.18	195.1	19.90	200.5	20.44	0.673	37,825	18.94	43,806	21.93	45,006	22.54
15	15.30	15.60	0.80	1.102	185.8	18.95	214.7	21.89	220.6	22.49	0.741	41,709	20.88	48,200	24.14	49,520	24.80	
15.9	5/8	16.22	16.54	0.84	1.238	208.7	21.28	241.3	24.60	247.9	25.27	0.832	46,849	23.46	54,158	27.12	55,640	27.86
16	16.32	16.64	0.85	1.254	211.4	21.56	244.3	24.91	251.0	25.59	0.843	47,455	23.76	54,840	27.46	56,342	28.21	
17	17.34	17.68	0.90	1.415	238.6	24.33	275.8	28.12	283.3	28.89	0.951	53,561	26.82	61,910	31.00	63,606	31.85	
18	18.36	18.72	0.96	1.587	267.5	27.28	309.2	31.53	317.7	32.39	1.066	60,049	30.07	69,407	34.75	71,309	35.71	
19	19.38	19.76	1.01	1.768	298.1	30.40	344.5	35.13	353.9	36.09	1.188	66,918	33.51	77,334	38.72	79,452	39.78	
19.1	3/4	19.48	19.86	1.01	1.787	301.2	30.71	348.1	35.50	357.7	36.47	1.201	67,614	33.86	78,151	39.13	80,290	40.20
20	20.40	20.80	1.06	1.959	330.2	33.67	381.7	38.92	392.2	39.99	1.316	74,124	37.12	85,688	42.91	88,035	44.08	
21	21.42	21.84	1.12	2.160	364.1	37.13	420.8	42.91	432.4	44.09	1.451	81,733	40.93	94,471	47.30	97,059	48.60	
22	22.44	22.88	1.17	2.371	399.6	40.75	461.9	47.10	474.5	48.39	1.593	89,703	44.92	103,883	51.92	106,523	53.34	
22.2	7/8	22.84	23.09	1.18	2.414	407.8	41.58	470.3	47.96	483.2	49.27	1.622	91,543	45.84	105,577	52.87	108,468	54.31
23	23.46	23.92	1.22	2.591	436.8	44.54	504.8	51.48	518.6	52.89	1.741	98,053	49.10	113,323	56.74	116,427	58.30	
24	24.48	24.96	1.27	2.821	475.6	48.50	549.7	56.05	564.7	57.59	1.896	106,763	53.46	123,391	61.79	126,771	63.48	
25	25.50	26.00	1.33	3.061	516.0	52.62	596.4	60.82	612.8	62.49	2.057	115,832	58.00	133,888	67.04	137,555	68.88	
25.4	1	25.91	26.42	1.35	3.180	532.7	54.32	615.7	62.78	632.5	64.50	2.123	119,581	59.88	138,206	69.20	141,992	71.10
26	26.52	27.04	1.38	3.311	558.1	56.91	645.1	65.78	662.8	67.58	2.225	125,283	62.73	144,813	72.51	148,780	74.50	
27	27.54	28.08	1.43	3.571	601.9	61.38	695.7	70.94	714.7	72.88	2.400	135,115	67.66	156,167	78.20	160,444	80.34	
28	28.56	29.12	1.49	3.840	647.3	66.01	748.2	76.29	768.7	78.38	2.580	145,306	72.76	167,949	84.10	172,549	86.40	
28.6	1-1/8	29.17	29.74	1.52	4.006	674.1	68.74	780.6	79.60	802.0	81.78	2.692	151,323	75.77	175,224	87.74	180,023	90.14
29	29.58	30.16	1.54	4.119	694.3	70.80	802.6	81.84	824.5	84.08	2.768	155,857	78.04	180,159	90.21	185,094	92.68	
30	30.60	31.20	1.59	4.408	743.1	75.78	858.9	87.58	882.4	89.98	2.962	166,812	83.53	192,798	96.54	198,079	99.18	
31	31.62	32.24	1.65	4.707	793.4	80.90	917.1	93.52	942.2	96.08	3.163	178,103	89.18	205,866	103.1	211,505	105.9	
31.8	1-1/4	32.44	33.07	1.69	4.953	832.3	84.87	965.0	98.40	991.5	101.1	3.328	186,835	93.55	216,628	108.5	222,562	111.4
32	32.84	33.28	1.70	5.015	845.4	86.21	977.2	99.85	1004	102.4	3.370	189,776	95.03	219,362	109.8	225,370	112.8	
33	33.66	34.32	1.75	5.334	899.1	91.68	1039	106.0	1068	108.9	3.584	201,831	101.1	233,286	116.8	239,676	120.0	
33.5	34.17	34.84	1.78	5.497	927.0	94.53	1071	109.2	1100	112.2	3.694	208,094	104.2	240,409	120.4	246,994	123.7	
34	34.88	35.36	1.81	5.662	954.0	97.28	1103	112.5	1133	115.6	3.805	214,155	107.2	247,839	124.0	254,422	127.4	
34.9	1-3/8	35.60	36.30	1.85	5.966	1006	102.6	1162	118.5	1194	121.8	4.009	225,828	113.1	260,923	130.7	268,069	134.2
35	35.70	36.40	1.86	6.000	1011	103.1	1169	119.2	1201	122.5	4.032	226,950	113.6	262,420	131.4	269,608	135.0	
35.5	36.21	36.92	1.89	6.172	1040	106.1	1203	122.6	1236	126.0	4.147	233,460	116.9	269,971	135.2	277,366	138.9	
36	36.72	37.44	1.91	6.348	1070	109.1	1237	126.1	1271	129.6	4.266	240,195	120.3	277,630	139.0	285,234	142.8	
37	37.74	38.48	1.96	6.705	1130	115.2	1306	133.2	1342	136.9	4.506	253,663	127.0	293,268	146.8	301,301	150.9	
37.5	38.25	39.00	1.99	6.888	1161	118.4	1342	136.8	1379	140.6	4.629	260,622	130.5	301,248	150.8	309,499	155.0	
38	38.76	39.52	2.02	7.072	1192	121.6	1378	140.5	1416	144.4	4.752	267,581	134.0	309,334	154.9	317,807	159.1	
38.1	1-1/2	38.86	39.62	2.02	7.110	1198	122.2	1385	141.3	1423	145.1	4.778	268,928	134.7	310,964	155.7	319,481	160.0
39	39.78	40.56	2.07	7.450	1256	128.1	1451	148.0	1491	152.1	5.006	281,948	141.2	325,829	163.2	334,754	167.6	
40	40.80	41.60	2.12	7.837	1321	134.7	1527	155.7	1569	160.0	5.266	296,539	148.5	342,753	171.6	352,141	176.3	
41	41.82	42.64	2.18	8.233	1388	141.5	1604	163.6	1648	168.1	5.532	311,579	156.0	360,105	180.3	369,968	185.3	
41.3	1-5/8	42.13	42.95	2.19	8.354	1408	143.6	1628	166.0	1672	170.5	5.614	316,069	158.3	365,394	183.0	375,402	188.0
42	42.84	43.68	2.23	8.640	1456	148.5	1683	171.7	1729	176.4	5.806	326,844	163.7	377,885	189.2	388,235	194.4	
42.5	43.35	44.20	2.26	8.847	1491	152.0	1724	175.8	1771	180.6	5.945	334,701	167.6	386,936	193.8	397,534	199.1	
43	43.86	44.72	2.28	9.056	1527	155.7	1764	179.9	1813	184.9	6.085	342,782	171.6	396,094	198.3	406,943	203.8	
44	44.88	45.76	2.34	9.482	1598	163.0	1848	188.4	1898	193.6	6.372	358,720	179.6	414,731	207.7	426,091	213.4	
44.5	1-3/4	45.39	46.28	2.36	9.699	1635	166.7	1890	192.7	1941	198.0	6.517	367,026	183.8	424,210	212.4	435,829	218.2
45	45.90	46.80	2.39	9.918	1672	170.5	1932	197.1	1985	202.5	6.665	375,332	187.9	433,797	217.2	445,679	223.2	
46	46.92	47.84	2.44	10.36	1747	178.1	2019	205.9	2075	211.5	6.964	392,188	196.4	453,290	227.0	465,707	233.2	
47	47.94	48.88	2.50	10.82	1824	186.0	2108	215.0	2166	220.8	7.270	409,453	205.0	473,213	237.0	486,175	243.4	
47.6	1-7/8	48.55	49.50	2.53	11.10	1871	190.8	2162	220.5	2221	226.5	7.457	420,004	210.3	485,372	243.0	498,667	249.7
48	48.96	49.92	2.55	11.29	1902	194.0	2199	224.2	2259	230.3	7.583	426,963	213.8	493,564	247.1	507,083	253.9	
49	49.98	50.96	2.60	11.76	1982	202.1	2291	233.6	2354	240.0	7.902	444,921	222.8	514,343	257.5	528,432	264.6	
50	51.00	52.00	2.66	12.25	2064	210.5	2386	243.3	2451	249.9	8.228	463,329	232.0	535,551	268.2	550,220	275.5	
50.8	2	51.82	52.83	2.70	12.64	2131	217.3	2463	251.1	2530	258.0	8.494	478,369	239.5	552,826	276.8	567,968	284.4
51	52.02	53.04	2.71	12.74	2147	218.9	2482	253.1	2550	260.0	8.560	481,960	241.3	557,187	279.0	572,449	286.6	
52	53.04	54.08	2.76	13.24	2232	227.6	2580	263.1	2651	270.3	8.900	501,041	250.9	579,252	290.0	595,118	298.0	