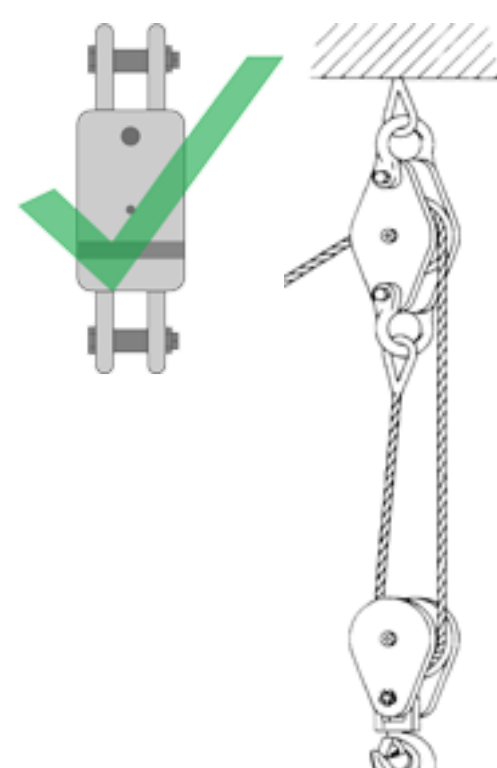


MAIN APPLICATIONS

HiPac compacted, flexible wire rope with higher breaking loads than standard 35x7. The high lateral stability makes it perfectly suited for multi layer spooling. Due to the sophisticated construction, Dynamiq also features peak nonrotational properties. Dynamiq is the best choice as the main and auxiliary hoist line for Crawler cranes, and all types of tower cranes which require a high strength non-rotating rope construction. Superior non-rotating properties make this rope a great choice for all single and multiple line reeving applications.



ROPE CHARACTERISTICS

Construction 16 x K7-EPIWRC	Load Bearing Wires In Outer Strands 112	Manufacturing Standard ASTM 1023-19, exceeds Table 32
Available Lay Type Lang Lay	Number Of Outer Strands 16	Diameter Tolerance +2% / +4%
Avg. Fill Factor 0.70	Rotation Resistance ISO 21669 Class A ASTM 1023 Category 1	Recommended Max Fleet Angle 2°
Recommended D/d 20:1	Multi-Layer Drum Yes	

BREAKING STRENGTHS

Note: The maximum CAPACITY, WORKING LOAD LIMIT (WLL), or LINE PULL of the rope usually is 1/5 of the below stated values. For specific information consult the standards applicable to your rope application.

PYTHON® DYNAMIQ					
		Minimum Breaking Strength			
Rope dia. inch	Rope dia. mm	tons of 2000 lbs	kN	Weight per meter kg	Weight per ft lbs
5/16		7.31	65	0.31	0.21
	8	7.31	65	0.31	0.21
	9	9.22	82	0.39	0.26
3/8		10.34	92	0.39	0.29
	10	11.47	102	0.48	0.32
	11	13.83	123	0.58	0.39
7/16		13.83	123	0.58	0.39
	12	16.52	147	0.69	0.46
1/2		18.55	165	0.77	0.52
	13	19.33	172	0.81	0.55
	14	22.48	200	0.94	0.63
9/16		23.27	207	0.96	0.65
	15	25.85	230	1.08	0.73
	16	28.78	256	1.26	0.85
5/8		29.45	262	1.26	0.85
	17	33.50	298	1.41	0.95
	18	37.32	332	1.56	1.05
	19	41.70	371	1.74	1.17
3/4		41.70	371	1.74	1.17
	20	46.20	411	1.97	1.32
	21	50.92	453	2.14	1.44
	22	56.32	501	2.37	1.59
7/8		56.32	501	2.4	1.61
	23	63.74	567	2.62	1.76
	24	66.66	593	2.78	1.87
	25	72.39	644	3.06	2.06
1		74.75	665	3.19	2.14
	26	78.35	697	3.29	2.21
	27	84.08	748	3.53	2.37
	28	91.16	811	3.84	2.58
1-1/8		94.42	840	3.96	2.66
	29	97.01	863	4.05	2.72
	30	103.87	924	4.38	2.94
	31	110.95	987	4.69	3.15
1-1/4		116.34	1035	4.91	3.3
	32	118.03	1050	4.93	3.31
	33	125.67	1118	5.27	3.54
	34	133.43	1187	5.7	3.83
	35	141.41	1258	6.06	4.07
1-3/8		141.41	1258	6.06	4.07
	36	149.51	1330	6.42	4.31
	38	166.59	1482	7.18	4.83
1-1/2		166.59	1482	7.18	4.83
	40	183.23	1630	7.93	5.33
1-5/8		194.24	1728	5.6	3.77
	42	201.21	1790	5.85	3.93
	44	218.30	1942	9.48	6.38
1-3/4		222.01	1975	9.577	6.44
	46	239.66	2132	10.4	7.00
1-7/8		257.08	2287	11.312	7.61
	48	262.93	2339	11.4	7.67



Common Applications:



Hoist & Aux Rope



Hoist Rope