

TD 34

The TD 34 was developed as an all-round and very low-rotation hoist rope. It boasts the characteristics of a compacted rope with high minimum breaking load ratings and good multi-layer spooling behavior.

Specifications

- Ordinary or Lang's lay, right or left-handed
- Standard: EN 12385-4
- 7-16 mm: 34(W)xK7-IWRC(K), RCN 23-2, n=112
- Filling factor $f=0.72$

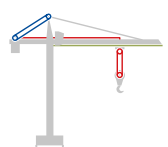
Segments



Advantages

- ✓ High torsional strength
- ✓ High breaking force
- ✓ Consistently reliable results over time thanks to SUPERFILL® compaction technology
- ✓ The rope construction provides for high bending flexibility
- ✓ High wear resistance due to large wire diameter

Applications



Tower crane

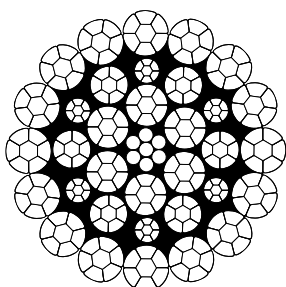
Technical specifications

Construction	Nominal Ø	Rope length mass		MBF at rope grade			
				1770		1960	
		kg/m	lbs/ft	kN	lbf	kN	lbf
34(W)xK7 IWRC(K), RCN 23-2, n=112	7	0.23	0.15	40	8,992	44	9,892
	8	0.31	0.21	52	11,690	58	13,062
	9	0.39	0.26	66	14,837	74	16,636
	9.2	0.40	0.27	69	15,512	77	17,274
	10	0.48	0.32	82	18,434	91	20,458
	11	0.60	0.40	99	22,256	109	24,504
	12	0.71	0.48	118	26,527	131	29,450
	12.3	0.74	0.50	124	27,775	138	31,024
	13	0.83	0.56	138	31,024	154	34,621
	14	0.91	0.61	160	35,983	178	40,016
	16	1.26	0.85	209	46,998	233	52,380

Standard tolerance: +1 % to +4 %, other tolerance ranges and rope diameters are available upon request.

The values are provided for guidance only. The metric figures shall prevail. The rope cross-section depicts a typical design and may vary within the product line. Subject to further developments which may lead to changes in technical specifications. Subject to changes and errors.

“The TD 34:
the universal
hoist rope for
mobile use on
truck-mounted
cranes.”



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