

612W

The optimized special construction gives the 612W steel wire rope low-twist and low-tension characteristics.

Specifications

- Ordinary lay
- 6-10 mm: 6x19W-IWRC, RCN 04
- Number of wires in outer strands: 114
- Filling factor $f=0.571$

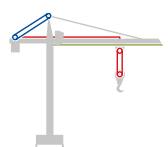
Segments



Advantages

- ✓ Easy-to-handle thanks to low-twist and low-tension stranding
- ✓ Above-average lifetime thanks to flexible construction and greased steel core
- ✓ Reduced corrosion due to galvanization

Applications



Tower crane

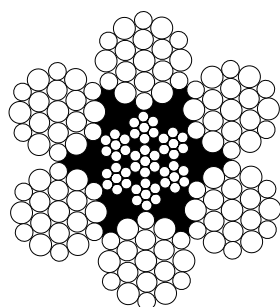
Technical specifications

Construction	Nominal Ø	Rope length mass ¹⁾		MBF at rope grade ²⁾	
		kg/m	lbs/ft	1960 kN	lbf
6x19 W-IWRC, n=114, RCN 04	6	0.14	0.10	25	5,620
	6.5	0.20	0.13	30	6,744
	7	0.23	0.16	34	7,644
	8	0.26	0.17	45	10,116
	9	0.32	0.22	57	12,814
	10	0.40	0.27	70	15,737

Standard tolerance: +0 % 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.

“Reliable
functionality
paired with high
cost-effectiveness.”



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