

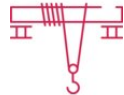
Truck crane



Jib crane



Overhead cranes



Steel Wire Rope ROPETEX S18 18x7-WSC

Product information

ROPETEX



ROPETEX S18 is a semi-rotation resistant steel wire rope consisting of two layers of strands and a (steel) wire strand core. As the outer strands are closed in the opposite direction of the inner strands this rope is considered as semi-rotation resistant rope.

ROPETEX S18 should not be used with a swivel and for unguided single part in great lifting height, with reference to the rotational properties (see manual).

ROPETEX S18 is mostly used in diameter from 3 to 8 mm in several lifting applications like truck cranes, overhead cranes, jib cranes, electrical hoists and all other applications where a semi-rotation resistant wire rope is good enough.

If you are searching for a rotation-resistant steel wire rope, look at ROPETEX S55.

Rope construction: 18x7-WSC

Marking: According to standard

Temperature range: -40°C up to +200°C, for operating temperatures between 100°C and 200°C reduce MBF by minus 10 %

Standard: EN 12385-4

Note: Ropes of the class 35x7 have to be replaced always by ropes of the same/comparable class and never by ropes of class 18x7. Whereas ropes of the class 18x7 can be replaced also by ropes of 35x7 from a technical point of view.

Fill factor: 0,55

RCN: 23-1

Part Code	Rope Diameter, mm	Tensile strength N/mm ²	Steel area mm ²	Min. Breaking force, kN	Finish	Rope lay.	Weight kg/100m
102100304270011	3	1,960	3.9	5.79	Galvanized	sZ	3.61
102100404270011	4	1,960	6.9	10.3	Galvanized	sZ	6.42
102100504270011	5	1,960	10.8	16.1	Galvanized	sZ	10
102100604270011	6	1,960	15.6	23.1	Galvanized	sZ	14.4
102100704270011	7	1,960	21.2	31.5	Galvanized	sZ	19.6
102100804270011	8	1,960	27.7	41.1	Galvanized	sZ	25.7
102101004270011	10	1,960	43.3	64.3	Galvanized	sZ	40
102101204270011	12	1,960	62.4	92.6	Galvanized	sZ	58