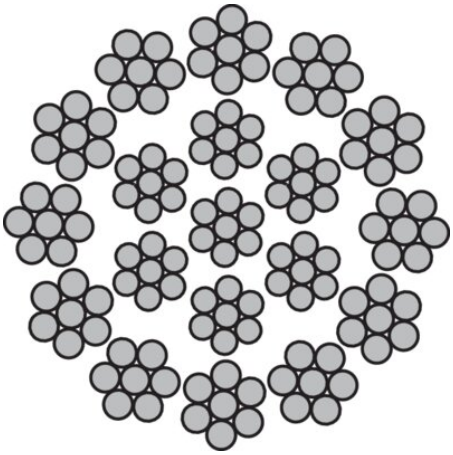
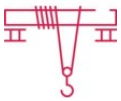
Lifting Solutions Group
Axel Johnson International

Steel Wire Rope 18x7-WSC (Semi-rotation resistant)

Product information



Overhead cranes



Rope construction: 18x7-WSC (Semi rotation resistant rope)
Marking: According to standard
Standard: EN 12385-4
Note: ISO 4309 Rope Category No: All Diameters RCN.23-1

Fill factor: 0.55
RCN: 23-1

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Steel Wire Rope 18x7-WSC (Semi-rotation resistant)

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
102100404050031	4	1,770	Bright	sZ	9.3	6.9	A-1	6.4
102100403050031	4	1,770	Bright	zS	9.3	6.9	A-1	6.4
102100404250031	4	1,770	Galvanized	sZ	9.3	6.9	A-1	6.4
102100403250031	4	1,770	Galvanized	zS	9.3	6.9	A-1	6.4
102100404070031	4	1,960	Bright	sZ	10.3	6.9	A-1	6.4
102100403070031	4	1,960	Bright	zS	10.3	6.9	A-1	6.4
102100404270031	4	1,960	Galvanized	sZ	10.3	6.9	A-1	6.4
102100403270031	4	1,960	Galvanized	zS	10.3	6.9	A-1	6.4
102100504050031	5	1,770	Bright	sZ	14.5	10.8	A-1	10
102100503050031	5	1,770	Bright	zS	14.5	10.8	A-1	10
102100504250031	5	1,770	Galvanized	sZ	14.5	10.8	A-1	10
102100503250031	5	1,770	Galvanized	zS	14.5	10.8	A-1	10
102100504070031	5	1,960	Bright	sZ	16.1	10.8	A-1	10
102100503070031	5	1,960	Bright	zS	16.1	10.8	A-1	10
102100504270031	5	1,960	Galvanized	sZ	16.1	10.8	A-1	10
102100503270031	5	1,960	Galvanized	zS	16.1	10.8	A-1	10
102100604050031	6	1,770	Bright	sZ	20.9	15.6	A-1	14
102100603050031	6	1,770	Bright	zS	20.9	15.6	A-1	14
102100604250031	6	1,770	Galvanized	sZ	20.9	15.6	A-1	14
102100603250031	6	1,770	Galvanized	zS	20.9	15.6	A-1	14
102100604070031	6	1,960	Bright	sZ	23.1	15.6	A-1	14
102100603070031	6	1,960	Bright	zS	23.1	15.6	A-1	14
102100604270031	6	1,960	Galvanized	sZ	23.1	15.6	A-1	14
102100603270031	6	1,960	Galvanized	zS	23.1	15.6	A-1	14
102100704050031	7	1,770	Bright	sZ	28.4	21.2	A-1	20
102100703050031	7	1,770	Bright	zS	28.4	21.2	A-1	20
102100704250031	7	1,770	Galvanized	sZ	28.4	21.2	A-1	20
102100703250031	7	1,770	Galvanized	zS	28.4	21.2	A-1	20
102100704070031	7	1,960	Bright	sZ	31.5	21.2	A-1	20
102100703070031	7	1,960	Bright	zS	31.5	21.2	A-1	20
102100704270031	7	1,960	Galvanized	sZ	31.5	21.2	A-1	20

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Steel area mm²	Lubrication	Weight kg/100m
102100703270031	7	1,960	Galvanized	zS	31.5	21.2	A-1	20
102100804050031	8	1,770	Bright	sZ	37.2	27.7	A-1	26
102100803050031	8	1,770	Bright	zS	37.2	27.7	A-1	26
102100804250031	8	1,770	Galvanized	sZ	37.2	27.7	A-1	26
102100803250031	8	1,770	Galvanized	zS	37.2	27.7	A-1	26
102100804070031	8	1,960	Bright	sZ	41.1	27.7	A-1	26
102100803070031	8	1,960	Bright	zS	41.1	27.7	A-1	26
102100804270031	8	1,960	Galvanized	sZ	41.1	27.7	A-1	26
102100803270031	8	1,960	Galvanized	zS	41.1	27.7	A-1	26

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