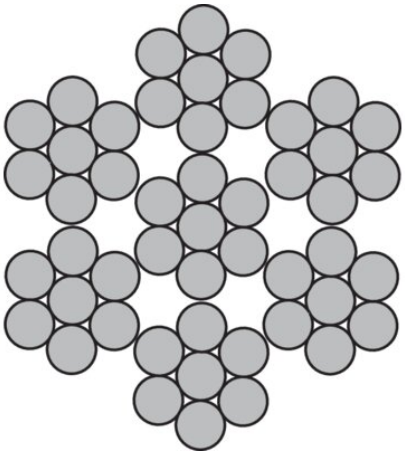
Lifting Solutions Group
Axel Johnson International

Steel Wire Rope 6x7-WSC

Product information



Stay rope



Agriculture and livestock



General use



Rope construction: 6x7-WSC (7x7)
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

Fill factor: 0,55

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Steel Wire Rope 6x7-WSC

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
101100184450160	1.8	1,770	Heavy galvanized	sZ	2.06	1.4	Dry	1.2
101100184250160	1.8	1,770	Galvanized	sZ	2.06	1.4	Dry	1.24
101100204250160	2	1,770	Galvanized	sZ	2.75	1.73	Dry	1.54
101100234250160	2.3	1,770	Galvanized	sZ	3.36	2.29	Dry	2.03
101100304250160	3	1,770	Galvanized	sZ	6.18	3.89	Dry	3.46
101100404250160	4	1,770	Galvanized	sZ	11	6.91	Dry	6.14
101100504250160	5	1,770	Galvanized	sZ	17.2	10.8	Dry	9.6
101100604250160	6	1,770	Galvanized	sZ	24.7	15.6	Dry	13.8
101100704250160	7	1,770	Galvanized	sZ	33.7	21.2	Dry	18.8
101100804250160	8	1,770	Galvanized	sZ	44	27.6	Dry	24.6
101100904250160	9	1,770	Galvanized	sZ	55.6	35	Dry	31.1
101101004450160	10	1,770	Heavy galvanized	sZ	68.7	43.2	Dry	38
101101004250160	10	1,770	Galvanized	sZ	68.7	43.2	Dry	38.4
101101104250160	11	1,770	Galvanized	sZ	83.1	52.3	Dry	46.5
101101104450160	11	1,770	Heavy galvanized	sZ	83.1	52.3	Dry	46.5
101101204450160	12	1,770	Heavy galvanized	sZ	98.9	62.2	Dry	55
101101204250160	12	1,770	Galvanized	sZ	98.9	62.2	Dry	55.3
101101304250160	13	1,770	Galvanized	sZ	116	73	Dry	64.9
101101304450160	13	1,770	Heavy galvanized	sZ	116	73	Dry	64.9
101101404250160	14	1,770	Galvanized	sZ	135	84.7	Dry	75.3
101101404450160	14	1,770	Heavy galvanized	sZ	135	84.7	Dry	75.3
101101504250160	15	1,770	Galvanized	sZ	155	97.2	Dry	86.4
101101604250160	16	1,770	Galvanized	sZ	176	111	Dry	98.3
101101804250160	18	1,770	Galvanized	sZ	223	140	Dry	124
101102004250160	20	1,770	Galvanized	sZ	275	173	Dry	154

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