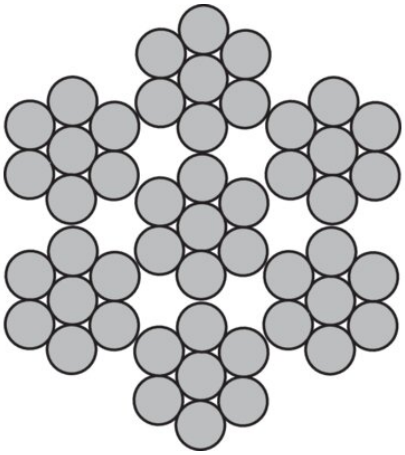
Lifting Solutions Group
Axel Johnson International

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

Traction Levage
marketingtl@traclev.com

© November 2026 - All Rights Reserved

Lifting Solutions Group
Axel Johnson International

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
101100104250160	1	1,770	Galvanized	sZ	0.69	0.43	Dry	0.38
101100104450160	1	1,770	Heavy galvanized	sZ	0.69	0.43	Dry	0.38
101100104270160	1	1,960	Galvanized	sZ	0.76	0.43	Dry	0.38
101100104470160	1	1,960	Heavy galvanized	sZ	0.76	0.43	Dry	0.38
101100154250160	1.5	1,770	Galvanized	sZ	1.55	0.97	Dry	0.86
101100154450160	1.5	1,770	Heavy galvanized	sZ	1.55	0.97	Dry	0.86
101100154270160	1.5	1,960	Galvanized	sZ	1.76	0.97	Dry	0.86
101100154470160	1.5	1,960	Heavy galvanized	sZ	1.76	0.97	Dry	0.86
101100184450160	1.8	1,770	Heavy galvanized	sZ	2.06	1.4	Dry	1.2
101100184470160	1.8	1,960	Heavy galvanized	sZ	2.46	1.4	Dry	1.2
101100184250160	1.8	1,770	Galvanized	sZ	2.06	1.4	Dry	1.24
101100184270160	1.8	1,960	Galvanized	sZ	2.46	1.4	Dry	1.24
101100204450160	2	1,770	Heavy galvanized	sZ	2.75	1.73	Dry	1.5
101100204470160	2	1,960	Heavy galvanized	sZ	3.04	1.73	Dry	1.5
101100204250160	2	1,770	Galvanized	sZ	2.75	1.73	Dry	1.54
101100204270160	2	1,960	Galvanized	sZ	3.04	1.73	Dry	1.54
101100234450160	2.3	1,770	Heavy galvanized	sZ	3.36	2.29	Dry	2
101100234470160	2.3	1,960	Heavy galvanized	sZ	4.02	2.29	Dry	2
101100234250160	2.3	1,770	Galvanized	sZ	3.36	2.29	Dry	2.03
101100234270160	2.3	1,960	Galvanized	sZ	4.02	2.29	Dry	2.03
101100304250160	3	1,770	Galvanized	sZ	6.18	3.89	Dry	3.46
101100304270160	3	1,960	Galvanized	sZ	6.84	3.89	Dry	3.46
101100304450160	3	1,770	Heavy galvanized	sZ	6.18	3.89	Dry	3.5
101100304470160	3	1,960	Heavy galvanized	sZ	6.84	3.89	Dry	3.5
101100404450160	4	1,770	Heavy galvanized	sZ	11	6.91	Dry	6.1
101100404470160	4	1,960	Heavy galvanized	sZ	12.2	6.91	Dry	6.1
101100404250160	4	1,770	Galvanized	sZ	11	6.91	Dry	6.14
101100404270160	4	1,960	Galvanized	sZ	12.2	6.91	Dry	6.14
101100504250160	5	1,770	Galvanized	sZ	17.2	10.8	Dry	9.6
101100504450160	5	1,770	Heavy galvanized	sZ	17.2	10.8	Dry	9.6
101100504270160	5	1,960	Galvanized	sZ	19	10.8	Dry	9.6

© November 2026 - All Rights Reserved

Lifting Solutions Group
Axel Johnson International

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
101100604250160	6	1,770	Galvanized	sZ	24.7	15.6	Dry	13.8
101100604270160	6	1,960	Galvanized	sZ	27.4	15.6	Dry	13.8
101100604450160	6	1,770	Heavy galvanized	sZ	24.7	15.6	Dry	14
101100604470160	6	1,960	Heavy galvanized	sZ	27.4	15.6	Dry	14
101100704250160	7	1,770	Galvanized	sZ	33.7	21.2	Dry	18.8
101100704270160	7	1,960	Galvanized	sZ	37.3	21.2	Dry	18.8
101100704450160	7	1,770	Heavy galvanized	sZ	33.7	21.2	Dry	19
101100704470160	7	1,960	Heavy galvanized	sZ	37.3	21.2	Dry	19
101100804250160	8	1,770	Galvanized	sZ	44	27.6	Dry	24.6
101100804270160	8	1,960	Galvanized	sZ	48.7	27.6	Dry	24.6
101100804450160	8	1,770	Heavy galvanized	sZ	44	27.6	Dry	25
101100804470160	8	1,960	Heavy galvanized	sZ	48.7	27.6	Dry	25
101100904450160	9	1,770	Heavy galvanized	sZ	55.6	35	Dry	31
101100904470160	9	1,960	Heavy galvanized	sZ	61.6	35	Dry	31
101100904250160	9	1,770	Galvanized	sZ	55.6	35	Dry	31.1
101100904270160	9	1,960	Galvanized	sZ	61.6	35	Dry	31.1
101101004450160	10	1,770	Heavy galvanized	sZ	68.7	43.2	Dry	38
101101004470160	10	1,960	Heavy galvanized	sZ	76	43.2	Dry	38
101101004250160	10	1,770	Galvanized	sZ	68.7	43.2	Dry	38.4
101101004270160	10	1,960	Galvanized	sZ	76	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
101101104270160	11	1,960	Galvanized	sZ	92	52.3	Dry	46.5
101101104470160	11	1,960	Heavy galvanized	sZ	92	52.3	Dry	46.5
101101204450160	12	1,770	Heavy galvanized	sZ	98.9	62.2	Dry	55
101101204470160	12	1,960	Heavy galvanized	sZ	110	62.2	Dry	55
101101204250160	12	1,770	Galvanized	sZ	98.9	62.2	Dry	55.3
101101204270160	12	1,960	Galvanized	sZ	110	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
101101304270160	13	1,960	Galvanized	sZ	129	73	Dry	64.9

© November 2026 - All Rights Reserved

Lifting Solutions Group
Axel Johnson International

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
101101304470160	13	1,960	Heavy galvanized	sZ	129	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
101101404270160	14	1,960	Galvanized	sZ	149	84.7	Dry	75.3
101101404470160	14	1,960	Heavy galvanized	sZ	149	84.7	Dry	75.3
101101504250160	15	1,770	Galvanized	sZ	155	97.2	Dry	86.4
101101504450160	15	1,770	Heavy galvanized	sZ	155	97.2	Dry	86.4
101101504270160	15	1,960	Galvanized	sZ	171	97.2	Dry	86.4
101101504470160	15	1,960	Heavy galvanized	sZ	171	97.2	Dry	86.4
101101604250160	16	1,770	Galvanized	sZ	176	111	Dry	98.3
101101604450160	16	1,770	Heavy galvanized	sZ	176	111	Dry	98.3
101101604270160	16	1,960	Galvanized	sZ	195	111	Dry	98.3
101101604470160	16	1,960	Heavy galvanized	sZ	195	111	Dry	98.3
101101804250160	18	1,770	Galvanized	sZ	223	140	Dry	124
101101804450160	18	1,770	Heavy galvanized	sZ	223	140	Dry	124
101101804270160	18	1,960	Galvanized	sZ	246	140	Dry	124
101101804470160	18	1,960	Heavy galvanized	sZ	246	140	Dry	124
101102004250160	20	1,770	Galvanized	sZ	275	173	Dry	154
101102004450160	20	1,770	Heavy galvanized	sZ	275	173	Dry	154
101102004270160	20	1,960	Galvanized	sZ	304	173	Dry	154
101102004470160	20	1,960	Heavy galvanized	sZ	304	173	Dry	154

© November 2026 - All Rights Reserved