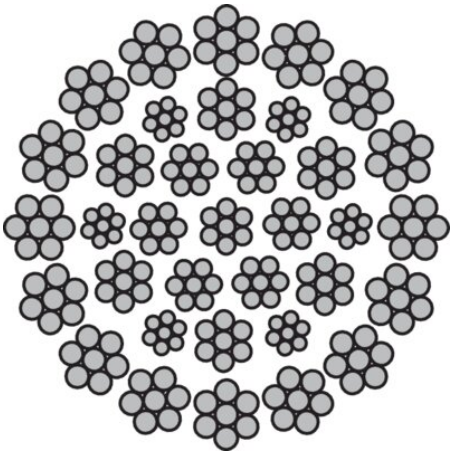
Lifting Solutions Group
Axel Johnson International

Steel Wire Rope 35x7 (Rotation resistant)

Product information



Typical applications: Hoist rope for tower cranes, mobile cranes, electrical hoists and other applications where rotation resistant rope is required.

ISO 4309 Rope Category No: All Diameters **RCN.23-2**

... *Read more*

Rope construction: Rotation resistent, made out of conventional strands.
Marking: According to standard
Standard: EN 12385-4

Fill factor: 0.61
RCN: 23-2

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Steel Wire Rope 35x7 (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
102100804070071	8	1,960	Bright	sZ	45.2	30.7	A-1	29
102100806070071	8	1,960	Bright	zZ	45.2	30.7	A-1	29
102100804270071	8	1,960	Galvanized	sZ	45.2	30.7	A-1	29
102100806270071	8	1,960	Galvanized	zZ	45.2	30.7	A-1	29
102100804100071	8	2,160	Bright	sZ	48.4	30.7	A-1	29
102100806100071	8	2,160	Bright	zZ	48.4	30.7	A-1	29
102100804300071	8	2,160	Galvanized	sZ	48.4	30.7	A-1	29
102100806300071	8	2,160	Galvanized	zZ	48.4	30.7	A-1	29
102100904070071	9	1,960	Bright	sZ	57.2	38.9	A-1	37
102100906070071	9	1,960	Bright	zZ	57.2	38.9	A-1	37
102100904270071	9	1,960	Galvanized	sZ	57.2	38.9	A-1	37
102100906270071	9	1,960	Galvanized	zZ	57.2	38.9	A-1	37
102100904100071	9	2,160	Bright	sZ	61.2	38.9	A-1	37
102100906100071	9	2,160	Bright	zZ	61.2	38.9	A-1	37
102100904300071	9	2,160	Galvanized	sZ	61.2	38.9	A-1	37
102100906300071	9	2,160	Galvanized	zZ	61.2	38.9	A-1	37
102101004070071	10	1,960	Bright	sZ	70.6	48	A-1	45
102101006070071	10	1,960	Bright	zZ	70.6	48	A-1	45
102101004270071	10	1,960	Galvanized	sZ	70.6	48	A-1	45
102101006270071	10	1,960	Galvanized	zZ	70.6	48	A-1	45
102101004100071	10	2,160	Bright	sZ	75.6	48	A-1	45
102101006100071	10	2,160	Bright	zZ	75.6	48	A-1	45
102101004300071	10	2,160	Galvanized	sZ	75.6	48	A-1	45
102101006300071	10	2,160	Galvanized	zZ	75.6	48	A-1	45
102101104070071	11	1,960	Bright	sZ	85.4	58.1	A-1	55
102101106070071	11	1,960	Bright	zZ	85.4	58.1	A-1	55
102101104270071	11	1,960	Galvanized	sZ	85.4	58.1	A-1	55
102101106270071	11	1,960	Galvanized	zZ	85.4	58.1	A-1	55
102101104100071	11	2,160	Bright	sZ	91.5	58.1	A-1	55
102101106100071	11	2,160	Bright	zZ	91.5	58.1	A-1	55
102101104300071	11	2,160	Galvanized	sZ	91.5	58.1	A-1	55

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Steel Wire Rope 35x7 (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
102101106300071	11	2,160	Galvanized	zZ	91.5	58.1	A-1	55
102101204070071	12	1,960	Bright	sZ	102	69.1	A-1	65
102101206070071	12	1,960	Bright	zZ	102	69.1	A-1	65
102101204270071	12	1,960	Galvanized	sZ	102	69.1	A-1	65
102101206270071	12	1,960	Galvanized	zZ	102	69.1	A-1	65
102101204100071	12	2,160	Bright	sZ	109	69.1	A-1	65
102101206100071	12	2,160	Bright	zZ	109	69.1	A-1	65
102101204300071	12	2,160	Galvanized	sZ	109	69.1	A-1	65
102101206300071	12	2,160	Galvanized	zZ	109	69.1	A-1	65
102101304070071	13	1,960	Bright	sZ	119	81.1	A-1	77
102101306070071	13	1,960	Bright	zZ	119	81.1	A-1	77
102101304270071	13	1,960	Galvanized	sZ	119	81.1	A-1	77
102101306270071	13	1,960	Galvanized	zZ	119	81.1	A-1	77
102101304100071	13	2,160	Bright	sZ	128	81.1	A-1	77
102101306100071	13	2,160	Bright	zZ	128	81.1	A-1	77
102101304300071	13	2,160	Galvanized	sZ	128	81.1	A-1	77
102101306300071	13	2,160	Galvanized	zZ	128	81.1	A-1	77
102101404070071	14	1,960	Bright	sZ	138	94.1	A-1	89
102101406070071	14	1,960	Bright	zZ	138	94.1	A-1	89
102101404270071	14	1,960	Galvanized	sZ	138	94.1	A-1	89
102101406270071	14	1,960	Galvanized	zZ	138	94.1	A-1	89
102101404100071	14	2,160	Bright	sZ	148	94.1	A-1	89
102101406100071	14	2,160	Bright	zZ	148	94.1	A-1	89
102101404300071	14	2,160	Galvanized	sZ	148	94.1	A-1	89
102101406300071	14	2,160	Galvanized	zZ	148	94.1	A-1	89
102101504070071	15	1,960	Bright	sZ	159	108	A-1	102
102101506070071	15	1,960	Bright	zZ	159	108	A-1	102
102101504270071	15	1,960	Galvanized	sZ	159	108	A-1	102
102101506270071	15	1,960	Galvanized	zZ	159	108	A-1	102
102101504100071	15	2,160	Bright	sZ	170	108	A-1	102
102101506100071	15	2,160	Bright	zZ	170	108	A-1	102

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Steel Wire Rope 35x7 (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
102101504300071	15	2,160	Galvanized	sZ	170	108	A-1	102
102101506300071	15	2,160	Galvanized	zZ	170	108	A-1	102
102101604070071	16	1,960	Bright	sZ	181	123	A-1	116
102101606070071	16	1,960	Bright	zZ	181	123	A-1	116
102101604270071	16	1,960	Galvanized	sZ	181	123	A-1	116
102101606270071	16	1,960	Galvanized	zZ	181	123	A-1	116
102101604100071	16	2,160	Bright	sZ	194	123	A-1	116
102101606100071	16	2,160	Bright	zZ	194	123	A-1	116
102101604300071	16	2,160	Galvanized	sZ	194	123	A-1	116
102101606300071	16	2,160	Galvanized	zZ	194	123	A-1	116
102101704070071	17	1,960	Bright	sZ	204	139	A-1	131
102101706070071	17	1,960	Bright	zZ	204	139	A-1	131
102101704270071	17	1,960	Galvanized	sZ	204	139	A-1	131
102101706270071	17	1,960	Galvanized	zZ	204	139	A-1	131
102101704100071	17	2,160	Bright	sZ	218	139	A-1	131
102101706100071	17	2,160	Bright	zZ	218	139	A-1	131
102101704300071	17	2,160	Galvanized	sZ	218	139	A-1	131
102101706300071	17	2,160	Galvanized	zZ	218	139	A-1	131
102101804070071	18	1,960	Bright	sZ	229	156	A-1	147
102101806070071	18	1,960	Bright	zZ	229	156	A-1	147
102101804270071	18	1,960	Galvanized	sZ	229	156	A-1	147
102101806270071	18	1,960	Galvanized	zZ	229	156	A-1	147
102101804100071	18	2,160	Bright	sZ	245	156	A-1	147
102101806100071	18	2,160	Bright	zZ	245	156	A-1	147
102101804300071	18	2,160	Galvanized	sZ	245	156	A-1	147
102101806300071	18	2,160	Galvanized	zZ	245	156	A-1	147
102101904070071	19	1,960	Bright	sZ	255	173	A-1	164
102101906070071	19	1,960	Bright	zZ	255	173	A-1	164
102101904270071	19	1,960	Galvanized	sZ	255	173	A-1	164
102101906270071	19	1,960	Galvanized	zZ	255	173	A-1	164
102101904100071	19	2,160	Bright	sZ	273	173	A-1	164

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Steel Wire Rope 35x7 (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
102101906100071	19	2,160	Bright	zZ	273	173	A-1	164
102101904300071	19	2,160	Galvanized	sZ	273	173	A-1	164
102101906300071	19	2,160	Galvanized	zZ	273	173	A-1	164
102102004070071	20	1,960	Bright	sZ	282	192	A-1	182
102102006070071	20	1,960	Bright	zZ	282	192	A-1	182
102102004270071	20	1,960	Galvanized	sZ	282	192	A-1	182
102102006270071	20	1,960	Galvanized	zZ	282	192	A-1	182
102102004100071	20	2,160	Bright	sZ	302	192	A-1	182
102102006100071	20	2,160	Bright	zZ	302	192	A-1	182
102102004300071	20	2,160	Galvanized	sZ	302	192	A-1	182
102102006300071	20	2,160	Galvanized	zZ	302	192	A-1	182
102102104070071	21	1,960	Bright	sZ	311	212	A-1	200
102102106070071	21	1,960	Bright	zZ	311	212	A-1	200
102102104270071	21	1,960	Galvanized	sZ	311	212	A-1	200
102102106270071	21	1,960	Galvanized	zZ	311	212	A-1	200
102102104100071	21	2,160	Bright	sZ	333	212	A-1	200
102102106100071	21	2,160	Bright	zZ	333	212	A-1	200
102102104300071	21	2,160	Galvanized	sZ	333	212	A-1	200
102102106300071	21	2,160	Galvanized	zZ	333	212	A-1	200
102102204070071	22	1,960	Bright	sZ	342	232	A-1	220
102102206070071	22	1,960	Bright	zZ	342	232	A-1	220
102102204270071	22	1,960	Galvanized	sZ	342	232	A-1	220
102102206270071	22	1,960	Galvanized	zZ	342	232	A-1	220
102102204100071	22	2,160	Bright	sZ	366	232	A-1	220
102102206100071	22	2,160	Bright	zZ	366	232	A-1	220
102102204300071	22	2,160	Galvanized	sZ	366	232	A-1	220
102102206300071	22	2,160	Galvanized	zZ	366	232	A-1	220
102102304070071	23	1,960	Bright	sZ	373	254	A-1	240
102102306070071	23	1,960	Bright	zZ	373	254	A-1	240
102102304270071	23	1,960	Galvanized	sZ	373	254	A-1	240
102102306270071	23	1,960	Galvanized	zZ	373	254	A-1	240

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Steel Wire Rope 35x7 (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
102102304100071	23	2,160	Bright	sZ	400	254	A-1	240
102102306100071	23	2,160	Bright	zZ	400	254	A-1	240
102102304300071	23	2,160	Galvanized	sZ	400	254	A-1	240
102102306300071	23	2,160	Galvanized	zZ	400	254	A-1	240
102102404070071	24	1,960	Bright	sZ	406	276	A-1	262
102102406070071	24	1,960	Bright	zZ	406	276	A-1	262
102102404270071	24	1,960	Galvanized	sZ	406	276	A-1	262
102102406270071	24	1,960	Galvanized	zZ	406	276	A-1	262
102102404100071	24	2,160	Bright	sZ	435	276	A-1	262
102102406100071	24	2,160	Bright	zZ	435	276	A-1	262
102102404300071	24	2,160	Galvanized	sZ	435	276	A-1	262
102102406300071	24	2,160	Galvanized	zZ	435	276	A-1	262
102102604070071	26	1,960	Bright	sZ	477	324	A-1	307
102102606070071	26	1,960	Bright	zZ	477	324	A-1	307
102102604270071	26	1,960	Galvanized	sZ	477	324	A-1	307
102102606270071	26	1,960	Galvanized	zZ	477	324	A-1	307
102102604100071	26	2,160	Bright	sZ	511	324	A-1	307
102102606100071	26	2,160	Bright	zZ	511	324	A-1	307
102102604300071	26	2,160	Galvanized	sZ	511	324	A-1	307
102102606300071	26	2,160	Galvanized	zZ	511	324	A-1	307
102102804070071	28	1,960	Bright	sZ	553	376	A-1	356
102102806070071	28	1,960	Bright	zZ	553	376	A-1	356
102102804270071	28	1,960	Galvanized	sZ	553	376	A-1	356
102102806270071	28	1,960	Galvanized	zZ	553	376	A-1	356
102102804100071	28	2,160	Bright	sZ	593	376	A-1	356
102102806100071	28	2,160	Bright	zZ	593	376	A-1	356
102102804300071	28	2,160	Galvanized	sZ	593	376	A-1	356
102102806300071	28	2,160	Galvanized	zZ	593	376	A-1	356
102103004070071	30	1,960	Bright	sZ	635	432	A-1	409
102103006070071	30	1,960	Bright	zZ	635	432	A-1	409
102103004270071	30	1,960	Galvanized	sZ	635	432	A-1	409

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Steel Wire Rope 35x7 (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
102103006270071	30	1,960	Galvanized	zZ	635	432	A-1	409
102103004100071	30	2,160	Bright	sZ	680	432	A-1	409
102103006100071	30	2,160	Bright	zZ	680	432	A-1	409
102103004300071	30	2,160	Galvanized	sZ	680	432	A-1	409
102103006300071	30	2,160	Galvanized	zZ	680	432	A-1	409
102103204070071	32	1,960	Bright	sZ	723	492	A-1	465
102103206070071	32	1,960	Bright	zZ	723	492	A-1	465
102103204270071	32	1,960	Galvanized	sZ	723	492	A-1	465
102103206270071	32	1,960	Galvanized	zZ	723	492	A-1	465
102103204100071	32	2,160	Bright	sZ	774	492	A-1	465
102103206100071	32	2,160	Bright	zZ	774	492	A-1	465
102103204300071	32	2,160	Galvanized	sZ	774	492	A-1	465
102103206300071	32	2,160	Galvanized	zZ	774	492	A-1	465

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