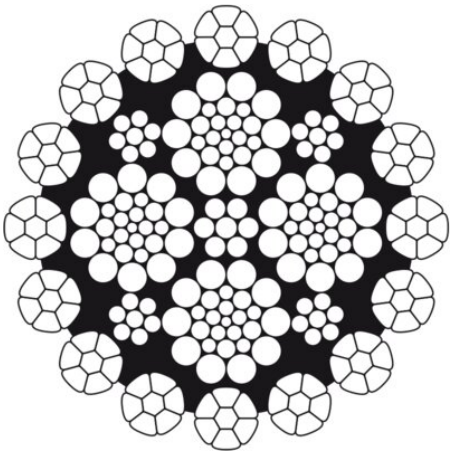
Lifting Solutions Group
Axel Johnson International

Steel Wire Rope verotop E

Product information



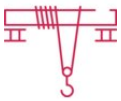
Tower crane



Truck crane



Overhead cranes





Wire rope construction: verotop E is a flexible rotation-resistant rope with compacted outer strands.

Properties:

- High breaking strength with very strong resistance to drum crushing.
- Very good bending fatigue results..
- Great resistance to crushing and abrasion.

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

... *Read more*

Marking: According to standard
Standard: EN 12385-4
Note: verotop E can be used either with or without a swivel.

Fill factor: 0.7
RCN: 23-2
Tolerance Ø: +2% to +4%

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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
104100805070139	8	1,960	Bright	sS	55.2	35	SupplierStandard	31
104100806070139	8	1,960	Bright	zZ	55.2	35	SupplierStandard	31
104100805270139	8	1,960	Galvanized	sS	55.2	35	SupplierStandard	31
104100806270139	8	1,960	Galvanized	zZ	55.2	35	SupplierStandard	31
104100805100139	8	2,160	Bright	sS	60.2	35	SupplierStandard	31
104100806100139	8	2,160	Bright	zZ	60.2	35	SupplierStandard	31
104100805300139	8	2,160	Galvanized	sS	60.2	35	SupplierStandard	31
104100806300139	8	2,160	Galvanized	zZ	60.2	35	SupplierStandard	31
104100905070139	9	1,960	Bright	sS	69.8	45	SupplierStandard	39
104100906070139	9	1,960	Bright	zZ	69.8	45	SupplierStandard	39
104100905270139	9	1,960	Galvanized	sS	69.8	45	SupplierStandard	39
104100906270139	9	1,960	Galvanized	zZ	69.8	45	SupplierStandard	39
104100905100139	9	2,160	Bright	sS	76.2	45	SupplierStandard	39
104100906100139	9	2,160	Bright	zZ	76.2	45	SupplierStandard	39
104100905300139	9	2,160	Galvanized	sS	76.2	45	SupplierStandard	39
104100906300139	9	2,160	Galvanized	zZ	76.2	45	SupplierStandard	39
104101005070139	10	1,960	Bright	sS	86.2	55	SupplierStandard	48
104101006070139	10	1,960	Bright	zZ	86.2	55	SupplierStandard	48
104101005270139	10	1,960	Galvanized	sS	86.2	55	SupplierStandard	48
104101006270139	10	1,960	Galvanized	zZ	86.2	55	SupplierStandard	48
104101005100139	10	2,160	Bright	sS	94.1	55	SupplierStandard	48
104101006100139	10	2,160	Bright	zZ	94.1	55	SupplierStandard	48
104101005300139	10	2,160	Galvanized	sS	94.1	55	SupplierStandard	48
104101006300139	10	2,160	Galvanized	zZ	94.1	55	SupplierStandard	48
104101105070139	11	1,960	Bright	sS	104.3	67	SupplierStandard	58
104101106070139	11	1,960	Bright	zZ	104.3	67	SupplierStandard	58
104101105270139	11	1,960	Galvanized	sS	104.3	67	SupplierStandard	58
104101106270139	11	1,960	Galvanized	zZ	104.3	67	SupplierStandard	58
104101105100139	11	2,160	Bright	sS	113.9	67	SupplierStandard	58
104101106100139	11	2,160	Bright	zZ	113.9	67	SupplierStandard	58
104101105300139	11	2,160	Galvanized	sS	113.9	67	SupplierStandard	58

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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
104101106300139	11	2,160	Galvanized	zZ	113.9	67	SupplierStandard	58
104101205070139	12	1,960	Bright	sS	124.1	79	SupplierStandard	69
104101206070139	12	1,960	Bright	zZ	124.1	79	SupplierStandard	69
104101205270139	12	1,960	Galvanized	sS	124.1	79	SupplierStandard	69
104101206270139	12	1,960	Galvanized	zZ	124.1	79	SupplierStandard	69
104101205100139	12	2,160	Bright	sS	135.5	79	SupplierStandard	69
104101206100139	12	2,160	Bright	zZ	135.5	79	SupplierStandard	69
104101205300139	12	2,160	Galvanized	sS	135.5	79	SupplierStandard	69
104101206300139	12	2,160	Galvanized	zZ	135.5	79	SupplierStandard	69
104101305070139	13	1,960	Bright	sS	145.7	93	SupplierStandard	81
104101306070139	13	1,960	Bright	zZ	145.7	93	SupplierStandard	81
104101305270139	13	1,960	Galvanized	sS	145.7	93	SupplierStandard	81
104101306270139	13	1,960	Galvanized	zZ	145.7	93	SupplierStandard	81
104101305100139	13	2,160	Bright	sS	159.1	93	SupplierStandard	81
104101306100139	13	2,160	Bright	zZ	159.1	93	SupplierStandard	81
104101305300139	13	2,160	Galvanized	sS	159.1	93	SupplierStandard	81
104101306300139	13	2,160	Galvanized	zZ	159.1	93	SupplierStandard	81
104101405070139	14	1,960	Bright	sS	169	108	SupplierStandard	94
104101406070139	14	1,960	Bright	zZ	169	108	SupplierStandard	94
104101405270139	14	1,960	Galvanized	sS	169	108	SupplierStandard	94
104101406270139	14	1,960	Galvanized	zZ	169	108	SupplierStandard	94
104101405100139	14	2,160	Bright	sS	184.5	108	SupplierStandard	94
104101406100139	14	2,160	Bright	zZ	184.5	108	SupplierStandard	94
104101405300139	14	2,160	Galvanized	sS	184.5	108	SupplierStandard	94
104101406300139	14	2,160	Galvanized	zZ	184.5	108	SupplierStandard	94
104101505070139	15	1,960	Bright	sS	194	124	SupplierStandard	107
104101506070139	15	1,960	Bright	zZ	194	124	SupplierStandard	107
104101505270139	15	1,960	Galvanized	sS	194	124	SupplierStandard	107
104101506270139	15	1,960	Galvanized	zZ	194	124	SupplierStandard	107
104101505100139	15	2,160	Bright	sS	211.8	124	SupplierStandard	107
104101506100139	15	2,160	Bright	zZ	211.8	124	SupplierStandard	107

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Steel Wire Rope verotop E

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
104101505300139	15	2,160	Galvanized	sS	211.8	124	SupplierStandard	107
104101506300139	15	2,160	Galvanized	zZ	211.8	124	SupplierStandard	107
104101605070139	16	1,960	Bright	sS	220.7	141	SupplierStandard	122
104101606070139	16	1,960	Bright	zZ	220.7	141	SupplierStandard	122
104101605270139	16	1,960	Galvanized	sS	220.7	141	SupplierStandard	122
104101606270139	16	1,960	Galvanized	zZ	220.7	141	SupplierStandard	122
104101605100139	16	2,160	Bright	sS	241	141	SupplierStandard	122
104101606100139	16	2,160	Bright	zZ	241	141	SupplierStandard	122
104101605300139	16	2,160	Galvanized	sS	241	141	SupplierStandard	122
104101606300139	16	2,160	Galvanized	zZ	241	141	SupplierStandard	122
104101805070139	18	1,960	Bright	sS	279.3	178	SupplierStandard	155
104101806070139	18	1,960	Bright	zZ	279.3	178	SupplierStandard	155
104101805270139	18	1,960	Galvanized	sS	279.3	178	SupplierStandard	155
104101806270139	18	1,960	Galvanized	zZ	279.3	178	SupplierStandard	155
104101805100139	18	2,160	Bright	sS	305	178	SupplierStandard	155
104101806100139	18	2,160	Bright	zZ	305	178	SupplierStandard	155
104101805300139	18	2,160	Galvanized	sS	305	178	SupplierStandard	155
104101806300139	18	2,160	Galvanized	zZ	305	178	SupplierStandard	155
104101905070139	19	1,960	Bright	sS	311.2	198	SupplierStandard	172
104101906070139	19	1,960	Bright	zZ	311.2	198	SupplierStandard	172
104101905270139	19	1,960	Galvanized	sS	311.2	198	SupplierStandard	172
104101906270139	19	1,960	Galvanized	zZ	311.2	198	SupplierStandard	172
104101905100139	19	2,160	Bright	sS	339.8	198	SupplierStandard	172
104101906100139	19	2,160	Bright	zZ	339.8	198	SupplierStandard	172
104101905300139	19	2,160	Galvanized	sS	339.8	198	SupplierStandard	172
104101906300139	19	2,160	Galvanized	zZ	339.8	198	SupplierStandard	172
104102005070139	20	1,960	Bright	sS	344.8	220	SupplierStandard	191
104102006070139	20	1,960	Bright	zZ	344.8	220	SupplierStandard	191
104102005270139	20	1,960	Galvanized	sS	344.8	220	SupplierStandard	191
104102006270139	20	1,960	Galvanized	zZ	344.8	220	SupplierStandard	191
104102005100139	20	2,160	Bright	sS	376.7	220	SupplierStandard	191

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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
104102006100139	20	2,160	Bright	zZ	376.7	220	SupplierStandard	191
104102005300139	20	2,160	Galvanized	sS	376.7	220	SupplierStandard	191
104102006300139	20	2,160	Galvanized	zZ	376.7	220	SupplierStandard	191
104102205070139	22	1,960	Bright	sS	417.2	266	SupplierStandard	231
104102206070139	22	1,960	Bright	zZ	417.2	266	SupplierStandard	231
104102205270139	22	1,960	Galvanized	sS	417.2	266	SupplierStandard	231
104102206270139	22	1,960	Galvanized	zZ	417.2	266	SupplierStandard	231
104102205100139	22	2,160	Bright	sS	455.6	266	SupplierStandard	231
104102206100139	22	2,160	Bright	zZ	455.6	266	SupplierStandard	231
104102205300139	22	2,160	Galvanized	sS	455.6	266	SupplierStandard	231
104102206300139	22	2,160	Galvanized	zZ	455.6	266	SupplierStandard	231
104102305070139	23	1,960	Bright	sS	456	291	SupplierStandard	252
104102306070139	23	1,960	Bright	zZ	456	291	SupplierStandard	252
104102305270139	23	1,960	Galvanized	sS	456	291	SupplierStandard	252
104102306270139	23	1,960	Galvanized	zZ	456	291	SupplierStandard	252
104102305100139	23	2,160	Bright	sS	497.9	291	SupplierStandard	252
104102306100139	23	2,160	Bright	zZ	497.9	291	SupplierStandard	252
104102305300139	23	2,160	Galvanized	sS	497.9	291	SupplierStandard	252
104102306300139	23	2,160	Galvanized	zZ	497.9	291	SupplierStandard	252
104102405070139	24	1,960	Bright	sS	496.5	317	SupplierStandard	275
104102406070139	24	1,960	Bright	zZ	496.5	317	SupplierStandard	275
104102405270139	24	1,960	Galvanized	sS	496.5	317	SupplierStandard	275
104102406270139	24	1,960	Galvanized	zZ	496.5	317	SupplierStandard	275
104102405100139	24	2,160	Bright	sS	542.1	317	SupplierStandard	275
104102406100139	24	2,160	Bright	zZ	542.1	317	SupplierStandard	275
104102405300139	24	2,160	Galvanized	sS	542.1	317	SupplierStandard	275
104102406300139	24	2,160	Galvanized	zZ	542.1	317	SupplierStandard	275
104102505070139	25	1,960	Bright	sS	538.8	344	SupplierStandard	298
104102506070139	25	1,960	Bright	zZ	538.8	344	SupplierStandard	298
104102505270139	25	1,960	Galvanized	sS	538.8	344	SupplierStandard	298
104102506270139	25	1,960	Galvanized	zZ	538.8	344	SupplierStandard	298

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Steel Wire Rope verotop E

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
104102505100139	25	2,160	Bright	sS	588.3	344	SupplierStandard	298
104102506100139	25	2,160	Bright	zZ	588.3	344	SupplierStandard	298
104102505300139	25	2,160	Galvanized	sS	588.3	344	SupplierStandard	298
104102506300139	25	2,160	Galvanized	zZ	588.3	344	SupplierStandard	298
104102605070139	26	1,960	Bright	sS	582.7	372	SupplierStandard	323
104102606070139	26	1,960	Bright	zZ	582.7	372	SupplierStandard	323
104102605270139	26	1,960	Galvanized	sS	582.7	372	SupplierStandard	323
104102606270139	26	1,960	Galvanized	zZ	582.7	372	SupplierStandard	323
104102605100139	26	2,160	Bright	sS	636.3	372	SupplierStandard	323
104102606100139	26	2,160	Bright	zZ	636.3	372	SupplierStandard	323
104102605300139	26	2,160	Galvanized	sS	636.3	372	SupplierStandard	323
104102606300139	26	2,160	Galvanized	zZ	636.3	372	SupplierStandard	323
104102705070139	27	1,960	Bright	sS	628.4	401	SupplierStandard	348
104102706070139	27	1,960	Bright	zZ	628.4	401	SupplierStandard	348
104102705270139	27	1,960	Galvanized	sS	628.4	401	SupplierStandard	348
104102706270139	27	1,960	Galvanized	zZ	628.4	401	SupplierStandard	348
104102705100139	27	2,160	Bright	sS	686.2	401	SupplierStandard	348
104102706100139	27	2,160	Bright	zZ	686.2	401	SupplierStandard	348
104102705300139	27	2,160	Galvanized	sS	686.2	401	SupplierStandard	348
104102706300139	27	2,160	Galvanized	zZ	686.2	401	SupplierStandard	348
104102805070139	28	1,960	Bright	sS	675.8	431	SupplierStandard	374
104102806070139	28	1,960	Bright	zZ	675.8	431	SupplierStandard	374
104102805270139	28	1,960	Galvanized	sS	675.8	431	SupplierStandard	374
104102806270139	28	1,960	Galvanized	zZ	675.8	431	SupplierStandard	374
104102805100139	28	2,160	Bright	sS	737.9	431	SupplierStandard	374
104102806100139	28	2,160	Bright	zZ	737.9	431	SupplierStandard	374
104102805300139	28	2,160	Galvanized	sS	737.9	431	SupplierStandard	374
104102806300139	28	2,160	Galvanized	zZ	737.9	431	SupplierStandard	374
104102905070139	29	1,960	Bright	sS	725	462	SupplierStandard	401
104102906070139	29	1,960	Bright	zZ	725	462	SupplierStandard	401
104102905270139	29	1,960	Galvanized	sS	725	462	SupplierStandard	401

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Steel Wire Rope verotop E

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
104102906270139	29	1,960	Galvanized	zZ	725	462	SupplierStandard	401
104102905100139	29	2,160	Bright	sS	791.6	462	SupplierStandard	401
104102906100139	29	2,160	Bright	zZ	791.6	462	SupplierStandard	401
104102905300139	29	2,160	Galvanized	sS	791.6	462	SupplierStandard	401
104102906300139	29	2,160	Galvanized	zZ	791.6	462	SupplierStandard	401
104103005070139	30	1,960	Bright	sS	775.8	495	SupplierStandard	430
104103006070139	30	1,960	Bright	zZ	775.8	495	SupplierStandard	430
104103005270139	30	1,960	Galvanized	sS	775.8	495	SupplierStandard	430
104103006270139	30	1,960	Galvanized	zZ	775.8	495	SupplierStandard	430
104103005100139	30	2,160	Bright	sS	847.1	495	SupplierStandard	430
104103006100139	30	2,160	Bright	zZ	847.1	495	SupplierStandard	430
104103005300139	30	2,160	Galvanized	sS	847.1	495	SupplierStandard	430
104103006300139	30	2,160	Galvanized	zZ	847.1	495	SupplierStandard	430
104103205070139	32	1,960	Bright	sS	882.7	563	SupplierStandard	489
104103206070139	32	1,960	Bright	zZ	882.7	563	SupplierStandard	489
104103205270139	32	1,960	Galvanized	sS	882.7	563	SupplierStandard	489
104103206270139	32	1,960	Galvanized	zZ	882.7	563	SupplierStandard	489
104103205100139	32	2,160	Bright	sS	963.8	563	SupplierStandard	489
104103206100139	32	2,160	Bright	zZ	963.8	563	SupplierStandard	489
104103205300139	32	2,160	Galvanized	sS	963.8	563	SupplierStandard	489
104103206300139	32	2,160	Galvanized	zZ	963.8	563	SupplierStandard	489
104103405070139	34	1,960	Bright	sS	983.8	636	SupplierStandard	552
104103406070139	34	1,960	Bright	zZ	983.8	636	SupplierStandard	552
104103405270139	34	1,960	Galvanized	sS	983.8	636	SupplierStandard	552
104103406270139	34	1,960	Galvanized	zZ	983.8	636	SupplierStandard	552
104103405100139	34	2,160	Bright	sS	1,077	636	SupplierStandard	552
104103406100139	34	2,160	Bright	zZ	1,077	636	SupplierStandard	552
104103405300139	34	2,160	Galvanized	sS	1,077	636	SupplierStandard	552
104103406300139	34	2,160	Galvanized	zZ	1,077	636	SupplierStandard	552
104103505070139	35	1,960	Bright	sS	1,043	673	SupplierStandard	585
104103506070139	35	1,960	Bright	zZ	1,043	673	SupplierStandard	585

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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
104103505270139	35	1,960	Galvanized	sS	1,043	673	SupplierStandard	585
104103506270139	35	1,960	Galvanized	zZ	1,043	673	SupplierStandard	585
104103505100139	35	2,160	Bright	sS	1,142	673	SupplierStandard	585
104103506100139	35	2,160	Bright	zZ	1,142	673	SupplierStandard	585
104103505300139	35	2,160	Galvanized	sS	1,142	673	SupplierStandard	585
104103506300139	35	2,160	Galvanized	zZ	1,142	673	SupplierStandard	585
104103605070139	36	1,960	Bright	sS	1,103	713	SupplierStandard	619
104103606070139	36	1,960	Bright	zZ	1,103	713	SupplierStandard	619
104103605270139	36	1,960	Galvanized	sS	1,103	713	SupplierStandard	619
104103606270139	36	1,960	Galvanized	zZ	1,103	713	SupplierStandard	619
104103605100139	36	2,160	Bright	sS	1,208	713	SupplierStandard	619
104103606100139	36	2,160	Bright	zZ	1,208	713	SupplierStandard	619
104103605300139	36	2,160	Galvanized	sS	1,208	713	SupplierStandard	619
104103606300139	36	2,160	Galvanized	zZ	1,208	713	SupplierStandard	619
104103805070139	38	1,960	Bright	sS	1,229	794	SupplierStandard	689
104103806070139	38	1,960	Bright	zZ	1,229	794	SupplierStandard	689
104103805270139	38	1,960	Galvanized	sS	1,229	794	SupplierStandard	689
104103806270139	38	1,960	Galvanized	zZ	1,229	794	SupplierStandard	689
104103805100139	38	2,160	Bright	sS	1,346	794	SupplierStandard	689
104103806100139	38	2,160	Bright	zZ	1,346	794	SupplierStandard	689
104103805300139	38	2,160	Galvanized	sS	1,346	794	SupplierStandard	689
104103806300139	38	2,160	Galvanized	zZ	1,346	794	SupplierStandard	689
104104005070139	40	1,960	Bright	sS	1,362	880	SupplierStandard	764
104104006070139	40	1,960	Bright	zZ	1,362	880	SupplierStandard	764
104104005270139	40	1,960	Galvanized	sS	1,362	880	SupplierStandard	764
104104006270139	40	1,960	Galvanized	zZ	1,362	880	SupplierStandard	764
104104005100139	40	2,160	Bright	sS	1,491	880	SupplierStandard	764
104104006100139	40	2,160	Bright	zZ	1,491	880	SupplierStandard	764
104104005300139	40	2,160	Galvanized	sS	1,491	880	SupplierStandard	764
104104006300139	40	2,160	Galvanized	zZ	1,491	880	SupplierStandard	764

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