

## Steel Wire Rope verotop E

### Product information



**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.**

**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%

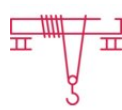
Tower crane



Truck crane



Overhead cranes



Part Code	Rope Diameter, mm	Tensile strength N/mm <sup>2</sup>	Steel area mm <sup>2</sup>	Min. Breaking force, kN	Finish	Rope lay.	Weight kg/100m
104100805070139	8	1,960	35	55.2	Bright	sS	31
104100806070139	8	1,960	35	55.2	Bright	zZ	31
104100805270139	8	1,960	35	55.2	Galvanized	sS	31
104100806270139	8	1,960	35	55.2	Galvanized	zZ	31

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

104101106270139	11	1,960	67	104.3	Galvanized	zZ	58
104101105100139	11	2,160	67	113.9	Bright	sS	58
104101106100139	11	2,160	67	113.9	Bright	zZ	58
104101105300139	11	2,160	67	113.9	Galvanized	sS	58
104101106300139	11	2,160	67	113.9	Galvanized	zZ	58
104101205070139	12	1,960	79	124.1	Bright	sS	69
104101206070139	12	1,960	79	124.1	Bright	zZ	69
104101205270139	12	1,960	79	124.1	Galvanized	sS	69
104101206270139	12	1,960	79	124.1	Galvanized	zZ	69
104101205100139	12	2,160	79	135.5	Bright	sS	69
104101206100139	12	2,160	79	135.5	Bright	zZ	69
104101205300139	12	2,160	79	135.5	Galvanized	sS	69
104101206300139	12	2,160	79	135.5	Galvanized	zZ	69
104101305070139	13	1,960	93	145.7	Bright	sS	81
104101306070139	13	1,960	93	145.7	Bright	zZ	81
104101305270139	13	1,960	93	145.7	Galvanized	sS	81
104101306270139	13	1,960	93	145.7	Galvanized	zZ	81
104101305100139	13	2,160	93	159.1	Bright	sS	81
104101306100139	13	2,160	93	159.1	Bright	zZ	81
104101305300139	13	2,160	93	159.1	Galvanized	sS	81
104101306300139	13	2,160	93	159.1	Galvanized	zZ	81
104101405070139	14	1,960	108	169	Bright	sS	94
104101406070139	14	1,960	108	169	Bright	zZ	94

104101405270139	14	1,960	108	169	Galvanized	sS	94
104101406270139	14	1,960	108	169	Galvanized	zZ	94
104101405100139	14	2,160	108	184.5	Bright	sS	94
104101406100139	14	2,160	108	184.5	Bright	zZ	94
104101405300139	14	2,160	108	184.5	Galvanized	sS	94
104101406300139	14	2,160	108	184.5	Galvanized	zZ	94
104101505070139	15	1,960	124	194	Bright	sS	107
104101506070139	15	1,960	124	194	Bright	zZ	107
104101505270139	15	1,960	124	194	Galvanized	sS	107
104101506270139	15	1,960	124	194	Galvanized	zZ	107
104101505100139	15	2,160	124	211.8	Bright	sS	107
104101506100139	15	2,160	124	211.8	Bright	zZ	107
104101505300139	15	2,160	124	211.8	Galvanized	sS	107
104101506300139	15	2,160	124	211.8	Galvanized	zZ	107
104101605070139	16	1,960	141	220.7	Bright	sS	122
104101606070139	16	1,960	141	220.7	Bright	zZ	122
104101605270139	16	1,960	141	220.7	Galvanized	sS	122
104101606270139	16	1,960	141	220.7	Galvanized	zZ	122
104101605100139	16	2,160	141	241	Bright	sS	122
104101606100139	16	2,160	141	241	Bright	zZ	122
104101605300139	16	2,160	141	241	Galvanized	sS	122
104101606300139	16	2,160	141	241	Galvanized	zZ	122
104101805070139	18	1,960	178	279.3	Bright	sS	155

104101806070139	18	1,960	178	279.3	Bright	zZ	155
104101805270139	18	1,960	178	279.3	Galvanized	sS	155
104101806270139	18	1,960	178	279.3	Galvanized	zZ	155
104101805100139	18	2,160	178	305	Bright	sS	155
104101806100139	18	2,160	178	305	Bright	zZ	155
104101805300139	18	2,160	178	305	Galvanized	sS	155
104101806300139	18	2,160	178	305	Galvanized	zZ	155
104101905070139	19	1,960	198	311.2	Bright	sS	172
104101906070139	19	1,960	198	311.2	Bright	zZ	172
104101905270139	19	1,960	198	311.2	Galvanized	sS	172
104101906270139	19	1,960	198	311.2	Galvanized	zZ	172
104101905100139	19	2,160	198	339.8	Bright	sS	172
104101906100139	19	2,160	198	339.8	Bright	zZ	172
104101905300139	19	2,160	198	339.8	Galvanized	sS	172
104101906300139	19	2,160	198	339.8	Galvanized	zZ	172
104102005070139	20	1,960	220	344.8	Bright	sS	191
104102006070139	20	1,960	220	344.8	Bright	zZ	191
104102005270139	20	1,960	220	344.8	Galvanized	sS	191
104102006270139	20	1,960	220	344.8	Galvanized	zZ	191
104102005100139	20	2,160	220	376.7	Bright	sS	191
104102006100139	20	2,160	220	376.7	Bright	zZ	191
104102005300139	20	2,160	220	376.7	Galvanized	sS	191
104102006300139	20	2,160	220	376.7	Galvanized	zZ	191

104102205070139	22	1,960	266	417.2	Bright	sS	231
104102206070139	22	1,960	266	417.2	Bright	zZ	231
104102205270139	22	1,960	266	417.2	Galvanized	sS	231
104102206270139	22	1,960	266	417.2	Galvanized	zZ	231
104102205100139	22	2,160	266	455.6	Bright	sS	231
104102206100139	22	2,160	266	455.6	Bright	zZ	231
104102205300139	22	2,160	266	455.6	Galvanized	sS	231
104102206300139	22	2,160	266	455.6	Galvanized	zZ	231
104102305070139	23	1,960	291	456	Bright	sS	252
104102306070139	23	1,960	291	456	Bright	zZ	252
104102305270139	23	1,960	291	456	Galvanized	sS	252
104102306270139	23	1,960	291	456	Galvanized	zZ	252
104102305100139	23	2,160	291	497.9	Bright	sS	252
104102306100139	23	2,160	291	497.9	Bright	zZ	252
104102305300139	23	2,160	291	497.9	Galvanized	sS	252
104102306300139	23	2,160	291	497.9	Galvanized	zZ	252
104102405070139	24	1,960	317	496.5	Bright	sS	275
104102406070139	24	1,960	317	496.5	Bright	zZ	275
104102405270139	24	1,960	317	496.5	Galvanized	sS	275
104102406270139	24	1,960	317	496.5	Galvanized	zZ	275
104102405100139	24	2,160	317	542.1	Bright	sS	275
104102406100139	24	2,160	317	542.1	Bright	zZ	275
104102405300139	24	2,160	317	542.1	Galvanized	sS	275

104102406300139	24	2,160	317	542.1	Galvanized	zZ	275
104102505070139	25	1,960	344	538.8	Bright	sS	298
104102506070139	25	1,960	344	538.8	Bright	zZ	298
104102505270139	25	1,960	344	538.8	Galvanized	sS	298
104102506270139	25	1,960	344	538.8	Galvanized	zZ	298
104102505100139	25	2,160	344	588.3	Bright	sS	298
104102506100139	25	2,160	344	588.3	Bright	zZ	298
104102505300139	25	2,160	344	588.3	Galvanized	sS	298
104102506300139	25	2,160	344	588.3	Galvanized	zZ	298
104102605070139	26	1,960	372	582.7	Bright	sS	323
104102606070139	26	1,960	372	582.7	Bright	zZ	323
104102605270139	26	1,960	372	582.7	Galvanized	sS	323
104102606270139	26	1,960	372	582.7	Galvanized	zZ	323
104102605100139	26	2,160	372	636.3	Bright	sS	323
104102606100139	26	2,160	372	636.3	Bright	zZ	323
104102605300139	26	2,160	372	636.3	Galvanized	sS	323
104102606300139	26	2,160	372	636.3	Galvanized	zZ	323
104102705070139	27	1,960	401	628.4	Bright	sS	348
104102706070139	27	1,960	401	628.4	Bright	zZ	348
104102705270139	27	1,960	401	628.4	Galvanized	sS	348
104102706270139	27	1,960	401	628.4	Galvanized	zZ	348
104102705100139	27	2,160	401	686.2	Bright	sS	348
104102706100139	27	2,160	401	686.2	Bright	zZ	348

104102705300139	27	2,160	401	686.2	Galvanized	sS	348
104102706300139	27	2,160	401	686.2	Galvanized	zZ	348
104102805070139	28	1,960	431	675.8	Bright	sS	374
104102806070139	28	1,960	431	675.8	Bright	zZ	374
104102805270139	28	1,960	431	675.8	Galvanized	sS	374
104102806270139	28	1,960	431	675.8	Galvanized	zZ	374
104102805100139	28	2,160	431	737.9	Bright	sS	374
104102806100139	28	2,160	431	737.9	Bright	zZ	374
104102805300139	28	2,160	431	737.9	Galvanized	sS	374
104102806300139	28	2,160	431	737.9	Galvanized	zZ	374
104102905070139	29	1,960	462	725	Bright	sS	401
104102906070139	29	1,960	462	725	Bright	zZ	401
104102905270139	29	1,960	462	725	Galvanized	sS	401
104102906270139	29	1,960	462	725	Galvanized	zZ	401
104102905100139	29	2,160	462	791.6	Bright	sS	401
104102906100139	29	2,160	462	791.6	Bright	zZ	401
104102905300139	29	2,160	462	791.6	Galvanized	sS	401
104102906300139	29	2,160	462	791.6	Galvanized	zZ	401
104103005070139	30	1,960	495	775.8	Bright	sS	430
104103006070139	30	1,960	495	775.8	Bright	zZ	430
104103005270139	30	1,960	495	775.8	Galvanized	sS	430
104103006270139	30	1,960	495	775.8	Galvanized	zZ	430
104103005100139	30	2,160	495	847.1	Bright	sS	430



104103006100139	30	2,160	495	847.1	Bright	zZ	430
104103005300139	30	2,160	495	847.1	Galvanized	sS	430
104103006300139	30	2,160	495	847.1	Galvanized	zZ	430
104103205070139	32	1,960	563	882.7	Bright	sS	489
104103206070139	32	1,960	563	882.7	Bright	zZ	489
104103205270139	32	1,960	563	882.7	Galvanized	sS	489
104103206270139	32	1,960	563	882.7	Galvanized	zZ	489
104103205100139	32	2,160	563	963.8	Bright	sS	489
104103206100139	32	2,160	563	963.8	Bright	zZ	489
104103205300139	32	2,160	563	963.8	Galvanized	sS	489
104103206300139	32	2,160	563	963.8	Galvanized	zZ	489
104103405070139	34	1,960	636	983.8	Bright	sS	552
104103406070139	34	1,960	636	983.8	Bright	zZ	552
104103405270139	34	1,960	636	983.8	Galvanized	sS	552
104103406270139	34	1,960	636	983.8	Galvanized	zZ	552
104103405100139	34	2,160	636	1,077	Bright	sS	552
104103406100139	34	2,160	636	1,077	Bright	zZ	552
104103405300139	34	2,160	636	1,077	Galvanized	sS	552
104103406300139	34	2,160	636	1,077	Galvanized	zZ	552
104103505070139	35	1,960	673	1,043	Bright	sS	585
104103506070139	35	1,960	673	1,043	Bright	zZ	585
104103505270139	35	1,960	673	1,043	Galvanized	sS	585
104103506270139	35	1,960	673	1,043	Galvanized	zZ	585

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

104104006270139	40	1,960	880	1,362	Galvanized	zZ	764
104104005100139	40	2,160	880	1,491	Bright	sS	764
104104006100139	40	2,160	880	1,491	Bright	zZ	764
104104005300139	40	2,160	880	1,491	Galvanized	sS	764
104104006300139	40	2,160	880	1,491	Galvanized	zZ	764

## Technical data