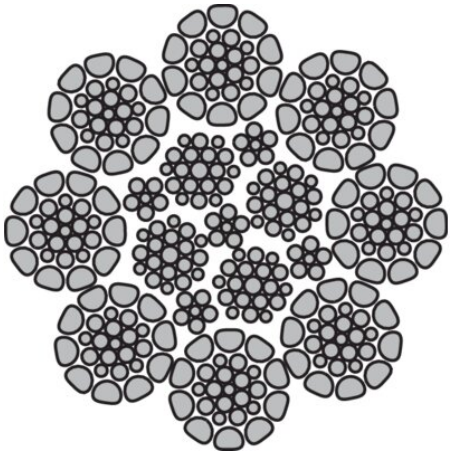
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Axel Johnson International

Wire rope DSC8

Product information



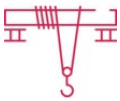


Typical applications: When a high MBL is required for a multipart reeving hoist system: electric hoists, twin hoist systems (right and left ropes), boom hoist and pendant rope for mobile cranes and tower cranes.

Fill factor: 10 mm - 0,74, 11-32 mm - 0,73, 33-50 mm - 0,71.
Standard: EN 12385-4
ISO 4309 Rope Category No: 10mm **RCN.04**, 11-22mm **RCN.09**, 24-50mm **RCN.11**

... *Read more*

Overhead cranes



Tower crane



Mobile port crane



Offshore crane



Crawler crane



Container crane



Rope construction: 8 compacted strands closed in a parallel lay together with the inner core strands.
Note: Due to its particular full unilay parallel closing (outer/inner strands), this rope is very sensible to the rotation and fleet angle. Cannot be used for big lifting heights, unguided loads a

RCN: 04

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Wire rope DSC8

Blueprint

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
103101004070099	10	1,960	Bright	sZ	94.1	57.8	SupplierStandard	50
103101003070099	10	1,960	Bright	zS	94.1	57.8	SupplierStandard	50
103101004270099	10	1,960	Galvanized	sZ	94.1	57.8	SupplierStandard	50
103101003270099	10	1,960	Galvanized	zS	94.1	57.8	SupplierStandard	50
103101004100099	10	2,160	Bright	sZ	103	57.8	SupplierStandard	50
103101003100099	10	2,160	Bright	zS	103	57.8	SupplierStandard	50
103101004300099	10	2,160	Galvanized	sZ	103	57.8	SupplierStandard	50
103101003300099	10	2,160	Galvanized	zS	103	57.8	SupplierStandard	50
103101104070099	11	1,960	Bright	sZ	111	69.2	SupplierStandard	59
103101103070099	11	1,960	Bright	zS	111	69.2	SupplierStandard	59
103101104270099	11	1,960	Galvanized	sZ	111	69.2	SupplierStandard	59
103101103270099	11	1,960	Galvanized	zS	111	69.2	SupplierStandard	59
103101104100099	11	2,160	Bright	sZ	121	69.2	SupplierStandard	59
103101103100099	11	2,160	Bright	zS	121	69.2	SupplierStandard	59
103101104300099	11	2,160	Galvanized	sZ	121	69.2	SupplierStandard	59
103101103300099	11	2,160	Galvanized	zS	121	69.2	SupplierStandard	59
103101204070099	12	1,960	Bright	sZ	137	82.3	SupplierStandard	72
103101203070099	12	1,960	Bright	zS	137	82.3	SupplierStandard	72
103101204270099	12	1,960	Galvanized	sZ	137	82.3	SupplierStandard	72
103101203270099	12	1,960	Galvanized	zS	137	82.3	SupplierStandard	72
103101204100099	12	2,160	Bright	sZ	150	82.3	SupplierStandard	72
103101203100099	12	2,160	Bright	zS	150	82.3	SupplierStandard	72
103101204300099	12	2,160	Galvanized	sZ	150	82.3	SupplierStandard	72
103101203300099	12	2,160	Galvanized	zS	150	82.3	SupplierStandard	72
103101304070099	13	1,960	Bright	sZ	158	96.6	SupplierStandard	83
103101303070099	13	1,960	Bright	zS	158	96.6	SupplierStandard	83
103101304270099	13	1,960	Galvanized	sZ	158	96.6	SupplierStandard	83
103101303270099	13	1,960	Galvanized	zS	158	96.6	SupplierStandard	83
103101304100099	13	2,160	Bright	sZ	172	96.6	SupplierStandard	83

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Wire rope DSC8

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
103101303100099	13	2,160	Bright	zS	172	96.6	SupplierStandard	83
103101304300099	13	2,160	Galvanized	sZ	172	96.6	SupplierStandard	83
103101303300099	13	2,160	Galvanized	zS	172	96.6	SupplierStandard	83
103101404070099	14	1,960	Bright	sZ	180	112	SupplierStandard	95
103101403070099	14	1,960	Bright	zS	180	112	SupplierStandard	95
103101404270099	14	1,960	Galvanized	sZ	180	112	SupplierStandard	95
103101403270099	14	1,960	Galvanized	zS	180	112	SupplierStandard	95
103101404100099	14	2,160	Bright	sZ	197	112	SupplierStandard	95
103101403100099	14	2,160	Bright	zS	197	112	SupplierStandard	95
103101404300099	14	2,160	Galvanized	sZ	197	112	SupplierStandard	95
103101403300099	14	2,160	Galvanized	zS	197	112	SupplierStandard	95
103101504070099	15	1,960	Bright	sZ	212	129	SupplierStandard	112
103101503070099	15	1,960	Bright	zS	212	129	SupplierStandard	112
103101504270099	15	1,960	Galvanized	sZ	212	129	SupplierStandard	112
103101503270099	15	1,960	Galvanized	zS	212	129	SupplierStandard	112
103101504100099	15	2,160	Bright	sZ	232	129	SupplierStandard	112
103101503100099	15	2,160	Bright	zS	232	129	SupplierStandard	112
103101504300099	15	2,160	Galvanized	sZ	232	129	SupplierStandard	112
103101503300099	15	2,160	Galvanized	zS	232	129	SupplierStandard	112
103101604070099	16	1,960	Bright	sZ	238	146	SupplierStandard	126
103101603070099	16	1,960	Bright	zS	238	146	SupplierStandard	126
103101604270099	16	1,960	Galvanized	sZ	238	146	SupplierStandard	126
103101603270099	16	1,960	Galvanized	zS	238	146	SupplierStandard	126
103101604100099	16	2,160	Bright	sZ	260	146	SupplierStandard	126
103101603100099	16	2,160	Bright	zS	260	146	SupplierStandard	126
103101604300099	16	2,160	Galvanized	sZ	260	146	SupplierStandard	126
103101603300099	16	2,160	Galvanized	zS	260	146	SupplierStandard	126
103101704070099	17	1,960	Bright	sZ	267	165	SupplierStandard	141
103101703070099	17	1,960	Bright	zS	267	165	SupplierStandard	141
103101704270099	17	1,960	Galvanized	sZ	267	165	SupplierStandard	141
103101703270099	17	1,960	Galvanized	zS	267	165	SupplierStandard	141

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Wire rope DSC8

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
103101704100099	17	2,160	Bright	sZ	292	165	SupplierStandard	141
103101703100099	17	2,160	Bright	zS	292	165	SupplierStandard	141
103101704300099	17	2,160	Galvanized	sZ	292	165	SupplierStandard	141
103101703300099	17	2,160	Galvanized	zS	292	165	SupplierStandard	141
103101804070099	18	1,960	Bright	sZ	298	185	SupplierStandard	157
103101803070099	18	1,960	Bright	zS	298	185	SupplierStandard	157
103101804270099	18	1,960	Galvanized	sZ	298	185	SupplierStandard	157
103101803270099	18	1,960	Galvanized	zS	298	185	SupplierStandard	157
103101804100099	18	2,160	Bright	sZ	326	185	SupplierStandard	157
103101803100099	18	2,160	Bright	zS	326	185	SupplierStandard	157
103101804300099	18	2,160	Galvanized	sZ	326	185	SupplierStandard	157
103101803300099	18	2,160	Galvanized	zS	326	185	SupplierStandard	157
103101904070099	19	1,960	Bright	sZ	339	206	SupplierStandard	179
103101903070099	19	1,960	Bright	zS	339	206	SupplierStandard	179
103101904270099	19	1,960	Galvanized	sZ	339	206	SupplierStandard	179
103101903270099	19	1,960	Galvanized	zS	339	206	SupplierStandard	179
103101904100099	19	2,160	Bright	sZ	371	206	SupplierStandard	179
103101903100099	19	2,160	Bright	zS	371	206	SupplierStandard	179
103101904300099	19	2,160	Galvanized	sZ	371	206	SupplierStandard	179
103101903300099	19	2,160	Galvanized	zS	371	206	SupplierStandard	179
103102004070099	20	1,960	Bright	sZ	373	229	SupplierStandard	197
103102003070099	20	1,960	Bright	zS	373	229	SupplierStandard	197
103102004270099	20	1,960	Galvanized	sZ	373	229	SupplierStandard	197
103102003270099	20	1,960	Galvanized	zS	373	229	SupplierStandard	197
103102004100099	20	2,160	Bright	sZ	408	229	SupplierStandard	197
103102003100099	20	2,160	Bright	zS	408	229	SupplierStandard	197
103102004300099	20	2,160	Galvanized	sZ	408	229	SupplierStandard	197
103102003300099	20	2,160	Galvanized	zS	408	229	SupplierStandard	197
103102204070099	22	1,960	Bright	sZ	446	277	SupplierStandard	236
103102203070099	22	1,960	Bright	zS	446	277	SupplierStandard	236
103102204270099	22	1,960	Galvanized	sZ	446	277	SupplierStandard	236

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Wire rope DSC8

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
103102203270099	22	1,960	Galvanized	zS	446	277	SupplierStandard	236
103102204100099	22	2,160	Bright	sZ	487	277	SupplierStandard	236
103102203100099	22	2,160	Bright	zS	487	277	SupplierStandard	236
103102204300099	22	2,160	Galvanized	sZ	487	277	SupplierStandard	236
103102203300099	22	2,160	Galvanized	zS	487	277	SupplierStandard	236
103102404070099	24	1,960	Bright	sZ	525	329	SupplierStandard	278
103102403070099	24	1,960	Bright	zS	525	329	SupplierStandard	278
103102404270099	24	1,960	Galvanized	sZ	525	329	SupplierStandard	278
103102403270099	24	1,960	Galvanized	zS	525	329	SupplierStandard	278
103102404100099	24	2,160	Bright	sZ	574	329	SupplierStandard	278
103102403100099	24	2,160	Bright	zS	574	329	SupplierStandard	278
103102404300099	24	2,160	Galvanized	sZ	574	329	SupplierStandard	278
103102403300099	24	2,160	Galvanized	zS	574	329	SupplierStandard	278
103102604070099	26	1,960	Bright	sZ	618	386	SupplierStandard	327
103102603070099	26	1,960	Bright	zS	618	386	SupplierStandard	327
103102604270099	26	1,960	Galvanized	sZ	618	386	SupplierStandard	327
103102603270099	26	1,960	Galvanized	zS	618	386	SupplierStandard	327
103102604100099	26	2,160	Bright	sZ	677	386	SupplierStandard	327
103102603100099	26	2,160	Bright	zS	677	386	SupplierStandard	327
103102604300099	26	2,160	Galvanized	sZ	677	386	SupplierStandard	327
103102603300099	26	2,160	Galvanized	zS	677	386	SupplierStandard	327
103102804070099	28	1,960	Bright	sZ	732	448	SupplierStandard	387
103102803070099	28	1,960	Bright	zS	732	448	SupplierStandard	387
103102804270099	28	1,960	Galvanized	sZ	732	448	SupplierStandard	387
103102803270099	28	1,960	Galvanized	zS	732	448	SupplierStandard	387
103102804100099	28	2,160	Bright	sZ	801	448	SupplierStandard	387
103102803100099	28	2,160	Bright	zS	801	448	SupplierStandard	387
103102804300099	28	2,160	Galvanized	sZ	801	448	SupplierStandard	387
103102803300099	28	2,160	Galvanized	zS	801	448	SupplierStandard	387
103103004070099	30	1,960	Bright	sZ	833	514	SupplierStandard	440
103103003070099	30	1,960	Bright	zS	833	514	SupplierStandard	440

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Wire rope DSC8

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
103103004270099	30	1,960	Galvanized	sZ	833	514	SupplierStandard	440
103103003270099	30	1,960	Galvanized	zS	833	514	SupplierStandard	440
103103004100099	30	2,160	Bright	sZ	911	514	SupplierStandard	440
103103003100099	30	2,160	Bright	zS	911	514	SupplierStandard	440
103103004300099	30	2,160	Galvanized	sZ	911	514	SupplierStandard	440
103103003300099	30	2,160	Galvanized	zS	911	514	SupplierStandard	440
103103204070099	32	1,960	Bright	sZ	953	585	SupplierStandard	504
103103203070099	32	1,960	Bright	zS	953	585	SupplierStandard	504
103103204270099	32	1,960	Galvanized	sZ	953	585	SupplierStandard	504
103103203270099	32	1,960	Galvanized	zS	953	585	SupplierStandard	504
103103204100099	32	2,160	Bright	sZ	1,040	585	SupplierStandard	504
103103203100099	32	2,160	Bright	zS	1,040	585	SupplierStandard	504
103103204300099	32	2,160	Galvanized	sZ	1,040	585	SupplierStandard	504
103103203300099	32	2,160	Galvanized	zS	1,040	585	SupplierStandard	504
103103404070099	34	1,960	Bright	sZ	1,080	648	SupplierStandard	571
103103403070099	34	1,960	Bright	zS	1,080	648	SupplierStandard	571
103103404270099	34	1,960	Galvanized	sZ	1,080	648	SupplierStandard	571
103103403270099	34	1,960	Galvanized	zS	1,080	648	SupplierStandard	571
103103404100099	34	2,160	Bright	sZ	1,180	648	SupplierStandard	571
103103403100099	34	2,160	Bright	zS	1,180	648	SupplierStandard	571
103103404300099	34	2,160	Galvanized	sZ	1,180	648	SupplierStandard	571
103103403300099	34	2,160	Galvanized	zS	1,180	648	SupplierStandard	571
103103604070099	36	1,960	Bright	sZ	1,210	726	SupplierStandard	638
103103603070099	36	1,960	Bright	zS	1,210	726	SupplierStandard	638
103103604270099	36	1,960	Galvanized	sZ	1,210	726	SupplierStandard	638
103103603270099	36	1,960	Galvanized	zS	1,210	726	SupplierStandard	638
103103604100099	36	2,160	Bright	sZ	1,320	726	SupplierStandard	638
103103603100099	36	2,160	Bright	zS	1,320	726	SupplierStandard	638
103103604300099	36	2,160	Galvanized	sZ	1,320	726	SupplierStandard	638
103103603300099	36	2,160	Galvanized	zS	1,320	726	SupplierStandard	638
103103804070099	38	1,960	Bright	sZ	1,350	809	SupplierStandard	714

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Wire rope DSC8

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
103103803070099	38	1,960	Bright	zS	1,350	809	SupplierStandard	714
103103804270099	38	1,960	Galvanized	sZ	1,350	809	SupplierStandard	714
103103803270099	38	1,960	Galvanized	zS	1,350	809	SupplierStandard	714
103103804100099	38	2,160	Bright	sZ	1,480	809	SupplierStandard	714
103103803100099	38	2,160	Bright	zS	1,480	809	SupplierStandard	714
103103804300099	38	2,160	Galvanized	sZ	1,480	809	SupplierStandard	714
103103803300099	38	2,160	Galvanized	zS	1,480	809	SupplierStandard	714
103104004070099	40	1,960	Bright	sZ	1,490	897	SupplierStandard	788
103104003070099	40	1,960	Bright	zS	1,490	897	SupplierStandard	788
103104004270099	40	1,960	Galvanized	sZ	1,490	897	SupplierStandard	788
103104003270099	40	1,960	Galvanized	zS	1,490	897	SupplierStandard	788
103104004100099	40	2,160	Bright	sZ	1,630	897	SupplierStandard	788
103104003100099	40	2,160	Bright	zS	1,630	897	SupplierStandard	788
103104004300099	40	2,160	Galvanized	sZ	1,630	897	SupplierStandard	788
103104003300099	40	2,160	Galvanized	zS	1,630	897	SupplierStandard	788
103104204070099	42	1,960	Bright	sZ	1,650	989	SupplierStandard	871
103104203070099	42	1,960	Bright	zS	1,650	989	SupplierStandard	871
103104204270099	42	1,960	Galvanized	sZ	1,650	989	SupplierStandard	871
103104203270099	42	1,960	Galvanized	zS	1,650	989	SupplierStandard	871
103104204100099	42	2,160	Bright	sZ	1,730	989	SupplierStandard	871
103104203100099	42	2,160	Bright	zS	1,730	989	SupplierStandard	871
103104204300099	42	2,160	Galvanized	sZ	1,730	989	SupplierStandard	871
103104203300099	42	2,160	Galvanized	zS	1,730	989	SupplierStandard	871
103104404070099	44	1,960	Bright	sZ	1,820	1,085	SupplierStandard	960
103104403070099	44	1,960	Bright	zS	1,820	1,085	SupplierStandard	960
103104404270099	44	1,960	Galvanized	sZ	1,820	1,085	SupplierStandard	960
103104403270099	44	1,960	Galvanized	zS	1,820	1,085	SupplierStandard	960
103104404100099	44	2,160	Bright	sZ	1,910	1,085	SupplierStandard	960
103104403100099	44	2,160	Bright	zS	1,910	1,085	SupplierStandard	960
103104404300099	44	2,160	Galvanized	sZ	1,910	1,085	SupplierStandard	960
103104403300099	44	2,160	Galvanized	zS	1,910	1,085	SupplierStandard	960

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Wire rope DSC8

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
103104604070099	46	1,960	Bright	sZ	1,950	1,186	SupplierStandard	1,030
103104603070099	46	1,960	Bright	zS	1,950	1,186	SupplierStandard	1,030
103104604270099	46	1,960	Galvanized	sZ	1,950	1,186	SupplierStandard	1,030
103104603270099	46	1,960	Galvanized	zS	1,950	1,186	SupplierStandard	1,030
103104604100099	46	2,160	Bright	sZ	2,050	1,186	SupplierStandard	1,030
103104603100099	46	2,160	Bright	zS	2,050	1,186	SupplierStandard	1,030
103104604300099	46	2,160	Galvanized	sZ	2,050	1,186	SupplierStandard	1,030
103104603300099	46	2,160	Galvanized	zS	2,050	1,186	SupplierStandard	1,030
103104804070099	48	1,960	Bright	sZ	2,120	1,291	SupplierStandard	1,120
103104803070099	48	1,960	Bright	zS	2,120	1,291	SupplierStandard	1,120
103104804270099	48	1,960	Galvanized	sZ	2,120	1,291	SupplierStandard	1,120
103104803270099	48	1,960	Galvanized	zS	2,120	1,291	SupplierStandard	1,120
103104804100099	48	2,160	Bright	sZ	2,230	1,291	SupplierStandard	1,120
103104803100099	48	2,160	Bright	zS	2,230	1,291	SupplierStandard	1,120
103104804300099	48	2,160	Galvanized	sZ	2,230	1,291	SupplierStandard	1,120
103104803300099	48	2,160	Galvanized	zS	2,230	1,291	SupplierStandard	1,120
103105004070099	50	1,960	Bright	sZ	2,300	1,401	SupplierStandard	1,220
103105003070099	50	1,960	Bright	zS	2,300	1,401	SupplierStandard	1,220
103105004270099	50	1,960	Galvanized	sZ	2,300	1,401	SupplierStandard	1,220
103105003270099	50	1,960	Galvanized	zS	2,300	1,401	SupplierStandard	1,220
103105004100099	50	2,160	Bright	sZ	2,420	1,401	SupplierStandard	1,220
103105003100099	50	2,160	Bright	zS	2,420	1,401	SupplierStandard	1,220
103105004300099	50	2,160	Galvanized	sZ	2,420	1,401	SupplierStandard	1,220
103105003300099	50	2,160	Galvanized	zS	2,420	1,401	SupplierStandard	1,220

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