

## 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

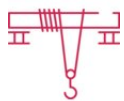
**ISO 4309 Rope Category No:** 10mm **RCN.04**, 11-22mm **RCN.09**, 24-50mm **RCN.11**

**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

Overhead cranes



Tower crane



Mobile port crane



Offshore crane



Crawler crane



Container crane



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
103101004070099	10	1,960	57.8	94.1	Bright	sZ	50

103101003070099	10	1,960	57.8	94.1	Bright	zS	50
103101004270099	10	1,960	57.8	94.1	Galvanized	sZ	50
103101003270099	10	1,960	57.8	94.1	Galvanized	zS	50
103101004100099	10	2,160	57.8	103	Bright	sZ	50
103101003100099	10	2,160	57.8	103	Bright	zS	50
103101004300099	10	2,160	57.8	103	Galvanized	sZ	50
103101003300099	10	2,160	57.8	103	Galvanized	zS	50
103101104070099	11	1,960	69.2	111	Bright	sZ	59
103101103070099	11	1,960	69.2	111	Bright	zS	59
103101104270099	11	1,960	69.2	111	Galvanized	sZ	59
103101103270099	11	1,960	69.2	111	Galvanized	zS	59
103101104100099	11	2,160	69.2	121	Bright	sZ	59
103101103100099	11	2,160	69.2	121	Bright	zS	59
103101104300099	11	2,160	69.2	121	Galvanized	sZ	59
103101103300099	11	2,160	69.2	121	Galvanized	zS	59
103101204070099	12	1,960	82.3	137	Bright	sZ	72
103101203070099	12	1,960	82.3	137	Bright	zS	72
103101204270099	12	1,960	82.3	137	Galvanized	sZ	72
103101203270099	12	1,960	82.3	137	Galvanized	zS	72
103101204100099	12	2,160	82.3	150	Bright	sZ	72
103101203100099	12	2,160	82.3	150	Bright	zS	72
103101204300099	12	2,160	82.3	150	Galvanized	sZ	72
103101203300099	12	2,160	82.3	150	Galvanized	zS	72

103101304070099	13	1,960	96.6	158	Bright	sZ	83
103101303070099	13	1,960	96.6	158	Bright	zS	83
103101304270099	13	1,960	96.6	158	Galvanized	sZ	83
103101303270099	13	1,960	96.6	158	Galvanized	zS	83
103101304100099	13	2,160	96.6	172	Bright	sZ	83
103101303100099	13	2,160	96.6	172	Bright	zS	83
103101304300099	13	2,160	96.6	172	Galvanized	sZ	83
103101303300099	13	2,160	96.6	172	Galvanized	zS	83
103101404070099	14	1,960	112	180	Bright	sZ	95
103101403070099	14	1,960	112	180	Bright	zS	95
103101404270099	14	1,960	112	180	Galvanized	sZ	95
103101403270099	14	1,960	112	180	Galvanized	zS	95
103101404100099	14	2,160	112	197	Bright	sZ	95
103101403100099	14	2,160	112	197	Bright	zS	95
103101404300099	14	2,160	112	197	Galvanized	sZ	95
103101403300099	14	2,160	112	197	Galvanized	zS	95
103101504070099	15	1,960	129	212	Bright	sZ	112
103101503070099	15	1,960	129	212	Bright	zS	112
103101504270099	15	1,960	129	212	Galvanized	sZ	112
103101503270099	15	1,960	129	212	Galvanized	zS	112
103101504100099	15	2,160	129	232	Bright	sZ	112
103101503100099	15	2,160	129	232	Bright	zS	112
103101504300099	15	2,160	129	232	Galvanized	sZ	112

103101503300099	15	2,160	129	232	Galvanized	zS	112
103101604070099	16	1,960	146	238	Bright	sZ	126
103101603070099	16	1,960	146	238	Bright	zS	126
103101604270099	16	1,960	146	238	Galvanized	sZ	126
103101603270099	16	1,960	146	238	Galvanized	zS	126
103101604100099	16	2,160	146	260	Bright	sZ	126
103101603100099	16	2,160	146	260	Bright	zS	126
103101604300099	16	2,160	146	260	Galvanized	sZ	126
103101603300099	16	2,160	146	260	Galvanized	zS	126
103101704070099	17	1,960	165	267	Bright	sZ	141
103101703070099	17	1,960	165	267	Bright	zS	141
103101704270099	17	1,960	165	267	Galvanized	sZ	141
103101703270099	17	1,960	165	267	Galvanized	zS	141
103101704100099	17	2,160	165	292	Bright	sZ	141
103101703100099	17	2,160	165	292	Bright	zS	141
103101704300099	17	2,160	165	292	Galvanized	sZ	141
103101703300099	17	2,160	165	292	Galvanized	zS	141
103101804070099	18	1,960	185	298	Bright	sZ	157
103101803070099	18	1,960	185	298	Bright	zS	157
103101804270099	18	1,960	185	298	Galvanized	sZ	157
103101803270099	18	1,960	185	298	Galvanized	zS	157
103101804100099	18	2,160	185	326	Bright	sZ	157
103101803100099	18	2,160	185	326	Bright	zS	157

103101804300099	18	2,160	185	326	Galvanized	sZ	157
103101803300099	18	2,160	185	326	Galvanized	zS	157
103101904070099	19	1,960	206	339	Bright	sZ	179
103101903070099	19	1,960	206	339	Bright	zS	179
103101904270099	19	1,960	206	339	Galvanized	sZ	179
103101903270099	19	1,960	206	339	Galvanized	zS	179
103101904100099	19	2,160	206	371	Bright	sZ	179
103101903100099	19	2,160	206	371	Bright	zS	179
103101904300099	19	2,160	206	371	Galvanized	sZ	179
103101903300099	19	2,160	206	371	Galvanized	zS	179
103102004070099	20	1,960	229	373	Bright	sZ	197
103102003070099	20	1,960	229	373	Bright	zS	197
103102004270099	20	1,960	229	373	Galvanized	sZ	197
103102003270099	20	1,960	229	373	Galvanized	zS	197
103102004100099	20	2,160	229	408	Bright	sZ	197
103102003100099	20	2,160	229	408	Bright	zS	197
103102004300099	20	2,160	229	408	Galvanized	sZ	197
103102003300099	20	2,160	229	408	Galvanized	zS	197
103102204070099	22	1,960	277	446	Bright	sZ	236
103102203070099	22	1,960	277	446	Bright	zS	236
103102204270099	22	1,960	277	446	Galvanized	sZ	236
103102203270099	22	1,960	277	446	Galvanized	zS	236
103102204100099	22	2,160	277	487	Bright	sZ	236

103102203100099	22	2,160	277	487	Bright	zS	236
103102204300099	22	2,160	277	487	Galvanized	sZ	236
103102203300099	22	2,160	277	487	Galvanized	zS	236
103102404070099	24	1,960	329	525	Bright	sZ	278
103102403070099	24	1,960	329	525	Bright	zS	278
103102404270099	24	1,960	329	525	Galvanized	sZ	278
103102403270099	24	1,960	329	525	Galvanized	zS	278
103102404100099	24	2,160	329	574	Bright	sZ	278
103102403100099	24	2,160	329	574	Bright	zS	278
103102404300099	24	2,160	329	574	Galvanized	sZ	278
103102403300099	24	2,160	329	574	Galvanized	zS	278
103102604070099	26	1,960	386	618	Bright	sZ	327
103102603070099	26	1,960	386	618	Bright	zS	327
103102604270099	26	1,960	386	618	Galvanized	sZ	327
103102603270099	26	1,960	386	618	Galvanized	zS	327
103102604100099	26	2,160	386	677	Bright	sZ	327
103102603100099	26	2,160	386	677	Bright	zS	327
103102604300099	26	2,160	386	677	Galvanized	sZ	327
103102603300099	26	2,160	386	677	Galvanized	zS	327
103102804070099	28	1,960	448	732	Bright	sZ	387
103102803070099	28	1,960	448	732	Bright	zS	387
103102804270099	28	1,960	448	732	Galvanized	sZ	387
103102803270099	28	1,960	448	732	Galvanized	zS	387

103102804100099	28	2,160	448	801	Bright	sZ	387
103102803100099	28	2,160	448	801	Bright	zS	387
103102804300099	28	2,160	448	801	Galvanized	sZ	387
103102803300099	28	2,160	448	801	Galvanized	zS	387
103103004070099	30	1,960	514	833	Bright	sZ	440
103103003070099	30	1,960	514	833	Bright	zS	440
103103004270099	30	1,960	514	833	Galvanized	sZ	440
103103003270099	30	1,960	514	833	Galvanized	zS	440
103103004100099	30	2,160	514	911	Bright	sZ	440
103103003100099	30	2,160	514	911	Bright	zS	440
103103004300099	30	2,160	514	911	Galvanized	sZ	440
103103003300099	30	2,160	514	911	Galvanized	zS	440
103103204070099	32	1,960	585	953	Bright	sZ	504
103103203070099	32	1,960	585	953	Bright	zS	504
103103204270099	32	1,960	585	953	Galvanized	sZ	504
103103203270099	32	1,960	585	953	Galvanized	zS	504
103103204100099	32	2,160	585	1,040	Bright	sZ	504
103103203100099	32	2,160	585	1,040	Bright	zS	504
103103204300099	32	2,160	585	1,040	Galvanized	sZ	504
103103203300099	32	2,160	585	1,040	Galvanized	zS	504
103103404070099	34	1,960	648	1,080	Bright	sZ	571
103103403070099	34	1,960	648	1,080	Bright	zS	571
103103404270099	34	1,960	648	1,080	Galvanized	sZ	571

103103403270099	34	1,960	648	1,080	Galvanized	zS	571
103103404100099	34	2,160	648	1,180	Bright	sZ	571
103103403100099	34	2,160	648	1,180	Bright	zS	571
103103404300099	34	2,160	648	1,180	Galvanized	sZ	571
103103403300099	34	2,160	648	1,180	Galvanized	zS	571
103103604070099	36	1,960	726	1,210	Bright	sZ	638
103103603070099	36	1,960	726	1,210	Bright	zS	638
103103604270099	36	1,960	726	1,210	Galvanized	sZ	638
103103603270099	36	1,960	726	1,210	Galvanized	zS	638
103103604100099	36	2,160	726	1,320	Bright	sZ	638
103103603100099	36	2,160	726	1,320	Bright	zS	638
103103604300099	36	2,160	726	1,320	Galvanized	sZ	638
103103603300099	36	2,160	726	1,320	Galvanized	zS	638
103103804070099	38	1,960	809	1,350	Bright	sZ	714
103103803070099	38	1,960	809	1,350	Bright	zS	714
103103804270099	38	1,960	809	1,350	Galvanized	sZ	714
103103803270099	38	1,960	809	1,350	Galvanized	zS	714
103103804100099	38	2,160	809	1,480	Bright	sZ	714
103103803100099	38	2,160	809	1,480	Bright	zS	714
103103804300099	38	2,160	809	1,480	Galvanized	sZ	714
103103803300099	38	2,160	809	1,480	Galvanized	zS	714
103104004070099	40	1,960	897	1,490	Bright	sZ	788
103104003070099	40	1,960	897	1,490	Bright	zS	788



103104004270099	40	1,960	897	1,490	Galvanized	sZ	788
103104003270099	40	1,960	897	1,490	Galvanized	zS	788
103104004100099	40	2,160	897	1,630	Bright	sZ	788
103104003100099	40	2,160	897	1,630	Bright	zS	788
103104004300099	40	2,160	897	1,630	Galvanized	sZ	788
103104003300099	40	2,160	897	1,630	Galvanized	zS	788
103104204070099	42	1,960	989	1,650	Bright	sZ	871
103104203070099	42	1,960	989	1,650	Bright	zS	871
103104204270099	42	1,960	989	1,650	Galvanized	sZ	871
103104203270099	42	1,960	989	1,650	Galvanized	zS	871
103104204100099	42	2,160	989	1,730	Bright	sZ	871
103104203100099	42	2,160	989	1,730	Bright	zS	871
103104204300099	42	2,160	989	1,730	Galvanized	sZ	871
103104203300099	42	2,160	989	1,730	Galvanized	zS	871
103104404070099	44	1,960	1,085	1,820	Bright	sZ	960
103104403070099	44	1,960	1,085	1,820	Bright	zS	960
103104404270099	44	1,960	1,085	1,820	Galvanized	sZ	960
103104403270099	44	1,960	1,085	1,820	Galvanized	zS	960
103104404100099	44	2,160	1,085	1,910	Bright	sZ	960
103104403100099	44	2,160	1,085	1,910	Bright	zS	960
103104404300099	44	2,160	1,085	1,910	Galvanized	sZ	960
103104403300099	44	2,160	1,085	1,910	Galvanized	zS	960
103104604070099	46	1,960	1,186	1,950	Bright	sZ	1,030

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

**Blueprint**