

## 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

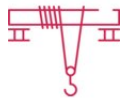
**ISO 4309 Rope Category No:** 10mm **RCN.04**, 11-22mm **RCN.09**, 24-50mm **RCN.11**

**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	Steel area mm <sup>2</sup>	Min. Breaking force kN. 1960 N/mm <sup>2</sup>	Min. Breaking force kN. 2160 N/mm <sup>2</sup>	Weight kg/100m
103101004070099	10	57.8	94.1	103	50

103101104070099	11	69.2	111	121	59
103101204070099	12	82.3	137	150	72
103101304070099	13	96.6	158	172	83
103101404070099	14	112	180	197	95
103101504070099	15	129	212	232	112
103101604070099	16	146	238	260	126
103101704070099	17	165	267	292	141
103101804070099	18	185	298	326	157
103101904070099	19	206	339	371	179
103102004070099	20	229	373	408	197
103102204070099	22	277	446	487	236
103102404070099	24	329	525	574	278
103102604070099	26	386	618	677	327
103102804070099	28	448	732	801	387
103103004070099	30	514	833	911	440
103103204070099	32	585	953	1040	504
103103404070099	34	648	1080	1180	571
103103604070099	36	726	1210	1320	638
103103804070099	38	809	1350	1480	714
103104004070099	40	897	1490	1630	788
103104204070099	42	989	1650	1730	871
103104404070099	44	1,085	1820	1910	960
103104604070099	46	1,186	1950	2050	1,030

103104804070099	48	1,291	2120	2230	1,120
103105004070099	50	1,401	2300	2420	1,220

**Blueprint**