

## 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.

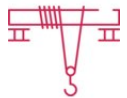
**Standard:** EN 12385-4

**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

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
01.B12DSC100G	10	57.8	94.1	103	50

01.B12DSC110G	11	69.2	111	121	59
01.G22DSC120G	12	82.3	137	150	72
01.B12DSC130G	13	96.6	158	172	83
01.B12DSC140G	14	112	180	197	95
01.G22DSC150G	15	129	212	232	112
01.B12DSC160G	16	146	238	260	126
01.B12DSC170G	17	165	267	292	141
01.G22DSC180G	18	185	298	326	157
01.B12DSC190G	19	206	339	371	179
01.G22DSC200G	20	229	373	408	197
01.G12DSC220G	22	277	446	487	236
01.B12DSC240G	24	329	525	574	278
01.G22DSC260G	26	386	618	677	327
01.B12DSC280G	28	448	732	801	387
01.B12DSC300G	30	514	833	911	440
01.G12DSC320G	32	585	953	1040	504
01.B12DSC340G	34	648	1080	1180	571
01.B12DSC360G	36	726	1210	1320	638
01.B12DSC380G	38	809	1350	1480	714
01.B12DSC400G	40	897	1490	1630	788
01.G22DSC420G	42	989	1650	1730	871
01.B12DSC440G	44	1,085	1820	1910	960
01.B12DSC460G	46	1,186	1950	2050	1,030

01.G12DSC480G	48	1,291	2120	2230	1,120
01.B12DSC500G	50	1,401	2300	2420	1,220

**Blueprint**