

## B06: General Information

### Cable reels for OFC cable from the Draka Brøndby plant

#### Cable reels

Cables are delivered on wooden cable reels or polymer cable reels.

There are three standard series of delivery reels:

##### Reels series K

Reels series K are strong reels designed for heavy loads and for prolonged storage outside. They are made of North European softwood.

The reel spindle hole is reinforced with a steel bushing.

The spindle hole size depend on the reel size, see table 1.

The reel series K fulfil Swedish standard SS 84 28 01

##### Reels series P

Reels series P are made of a combination of plywood (flange) and softwood (barrel).

Reels series P have an un-reinforced spindle hole Ø 82 mm.

##### Reels series S

Reels series S are mainly made of polypropylene.

Reels series S have a Ø 75 mm spindle hole.

The polymer reels are marked with a recycling symbol, offering the opportunity to manufacture new products from the recycled reels. They can also be used for manufacturing energy, as carbon oxide and water are the only by-products remaining after burning polypropylene.

#### ISPM no. 15

The wooden reel series K and P are heat treated and certified according to FAO International Standard for Phytosanitary Measures (ISPM) no. 15.

They thus fulfil the FAO "Guidelines for regulation of wood packing material in international trade" of 2002 with modifications 2006. They also fulfil the requirements of the EU Directive 2004/102/EC.

#### Reel dimensions and cable capacities

The dimensions and nominal weight of the reels are given in the table 1 below. The reel weight may vary due to the moisture content of the reels.

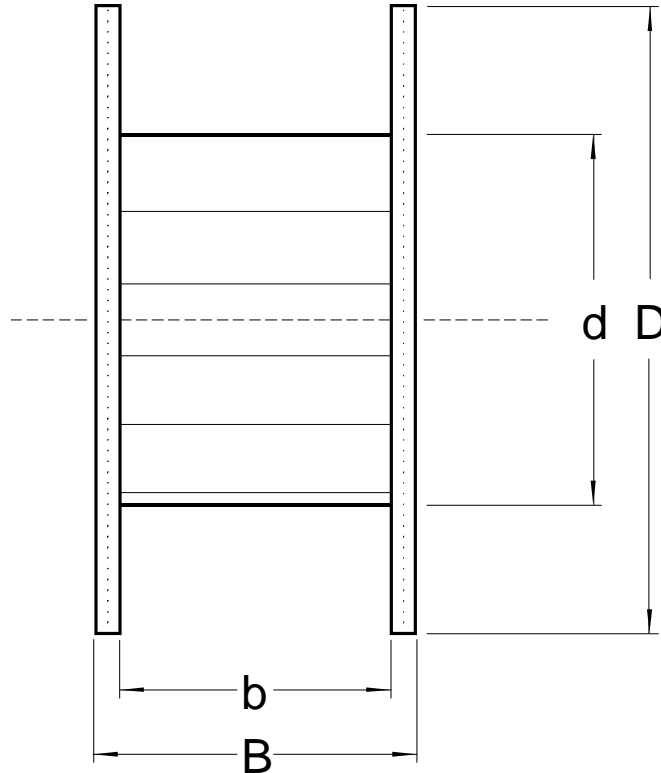
In table 2a and 2b, the maximum nominal capacity of the reels is given as a function of the cable diameter in the table below.

It is not possible to specify the reel capacity as delivery length.

However knowing the delivery length and the cable diameter, the reel can be selected from Tables 2a and 2b.

*Note: The Draka policy of continuous improvement may cause in changed specifications without prior notice*

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**Table 1: Reels, nominal dimensions and weights.**

Reel type	Flange diameter D [mm]	Barrel diameter d [mm]	Outer width of reel B [mm]	Internal width b [mm]	Spindle hole $\varnothing$ [mm]	Nominal weight [kg]
S40	400	175	265	235	75	2
S40B	400	202	480	440	75	3
S60	600	250	470	400	75	11
P80	800	500	480	450	75	10
P100	1000	600	600	575	75	20
P11A	1100	600	750	720	75	35
K10	1000	500	720	600	106	46
K11	1100	580	770	650	106	55
K12	1200	680	990	850	106	90
K14	1400	800	990	850	110	115
K16	1600	950	1020	850	110	195
K18	1800	1100	1020	850	140	230
K20	2000	1300	1200	1000	140	340

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Table 2a: Nominal cable dimension and maximum cable length on reels series S and P

Diameter [mm]	S40	S40B	S60	P80	P100	P11A
1,6	6100					
2,0	3900	6400				
2,5	2500	4100				
2,8	2000	3200				
3,0	1700	2800	7900			
3,5	1200	2100	5800	7700		
4,0	900	1600	4400	5900		
4,5	700	1200	3500	4600	10000	
5,0		1000	2800	3700	8100	
5,5			2300	3100	6700	
6,0			1900	2600	5600	
6,5			1700	2200	4800	8500
7,0				1900	4100	7300
7,5				1600	3600	6400
8,0				1400	3100	5600
8,5				1300	2800	5000
9,0				1100	2500	4400
9,5				1000	2200	4000
10,0				900	2000	3600
10,5				800	1800	3200
11,0				700	1600	2900
11,5				700	1500	2700
12,0				600	1400	2500
12,5				600	1300	2300
13,0					1200	2100
13,5					1100	1900
14,0					1000	1800
14,5					900	1700
15,0					900	1600

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Table 2b: Nominal cable dimension and maximum cable length on reels series K.

Diameter [mm]	K10	K11	K12	K14	K16	K18	K20	K22
5,5	9800							
6,0	8200							
6,5	7000							
7,0	6000	7800						
7,5	5300	6800						
8,0	4600	5900						
8,5	4100	5300	7700					
9,0	3600	4700	6900					
9,5	3300	4200	6200					
10,0	2900	3800	5600					
10,5	2700	3400	5100	6900				
11,0	2400	3100	4600	6300				
11,5	2200	2800	4200	5800				
12,0	2000	2600	3900	5300	6800			
12,5	1900	2400	3600	4900	6200			
13,0		2200	3300	4500	5800	7100		
13,5		2100	3000	4200	5300	6600		
14,0		1900	2800	3900	5000	6100	8300	
14,5		1800	2600	3600	4600	5700	7700	
15,0			2500	3400	4300	5300	7200	9100
15,5			2300	3200	4000	5000	6700	8500
16,0			2200	3000	3800	4700	6300	8000
16,5			2000	2800	3600	4400	5900	7500
17,0			1900	2600	3300	4100	5600	7100
17,5				2500	3200	3900	5300	6700
18,0				2300	3000	3700	5000	6300
18,5				2200	2800	3500	4700	6000
19,0				2100	2700	3300	4500	5600
19,5				2000	2500	3100	4200	5400
20,0				1900	2400	3000	4000	5100
21,0					2200	2700	3600	4600
22,0					2000	2500	3300	4200
23,0					1800	2200	3000	3800
24,0					1700	2100	2800	3500
25,0						1900	2600	3200
26,0						1700	2400	3000
27,0						1600	2200	2800
28,0						1500	2000	2600
29,0							1900	2400
30,0							1800	2200

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