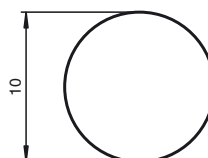
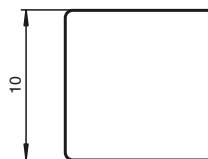




**Dimensions**



**Model Number**

**DM 10-10 NDFEB**

Permanent magnet for hydraulic cylindrical magnetic field sensors

**Technical data**

**Ambient conditions**

Ambient temperature max. 120 °C (248 °F)

**Mechanical specifications**

Material NdFeB acc. to ratio 262/135  
 Dimensions Height: 10 mm  
 Diameter: 10 mm  
 Coating Ni + Sn (approx. 10-15 µm)

**Technical details**

The NeoDeltaMagnet consists of NdFeB (neodymium iron boron), the "strongest" available magnet material. The surface is protected against corrosion by a coating of stannous on nickel. The ring magnets have an axial magnetisation. The dimensional tolerance usually amounts to ±0.1 mm.

Characteristic		Value	
Power product	(W x H) max.	262 ... 288	kJ/m <sup>3</sup>
Remanence	B <sub>r</sub>	1170 ... 1250	mT
Coercive field strength	JH <sub>C</sub>	>1350	kA/m
Coercive field strength	BH <sub>C</sub>	> 860	kA/m
Relative remanent permeability	µ <sub>o</sub> µ <sub>r</sub>	1.07	mT/ kA/m
Temperature coefficient of the remanence	α	- 0.10	%/°C
Density	r	7.4	g/cm <sup>3</sup>

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