



Products for tomorrow

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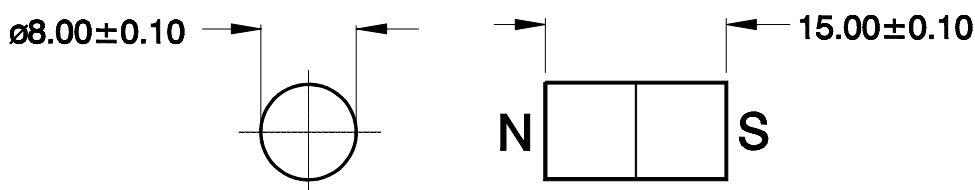
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Magnet:

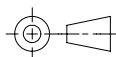
NdFeB 8,0 x 15,0
250 / 175h

Part Number: 4003004031

Dimensions (mm)



NdFeB round bar magnet magnetisation axial



Magnetic values acc. to DIN 17410		Min.	Typ.	Max.	unit
Energy product	(B x H) max.	250	295	-	kJ/m^3
Remanence	B_r	1180	1240	-	mT
revers. temp. coeff. of B_r		-	-0,1	-	%/K
Coercivity	H_{cB}	860	920	-	kA/m
Coercivity	H_{cJ}	1750	1900	-	kA/m
revers. temp. toeff. of H_{cJ}		-	-0,6	-	%/K
Density		-	7,6	-	g/cm^3
max. operating temperature		-	-	160	°C

Remark : all details correspond to manufacturers information

Magnetic Moment	M	8,33	8,96	9,59	$\text{X}10^{-5}$ Vs·cm
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DEFINITION:

$$M = \Phi \cdot K$$

Φ = Magnetic Flux

K = Coil Constant