



*Products for tomorrow*

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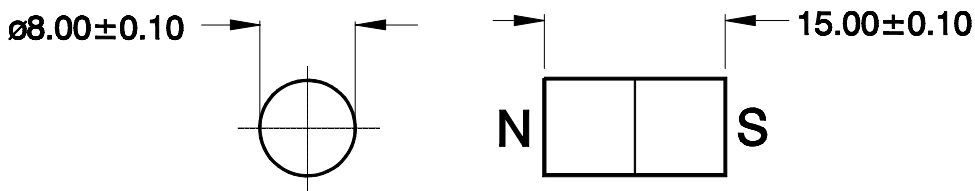
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**Magnet:**

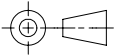
NdFeB 8,0 x 15,0  
250 / 175h

**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	-	$\text{kJ/m}^3$
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	-	$\text{g/cm}^3$
max. operating temperature		-	-	160	$^{\circ}\text{C}$

**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:**

$M = \Phi \cdot K$

$\Phi$  = Magnetic Flux

K = Coil Constant