



Products for tomorrow...

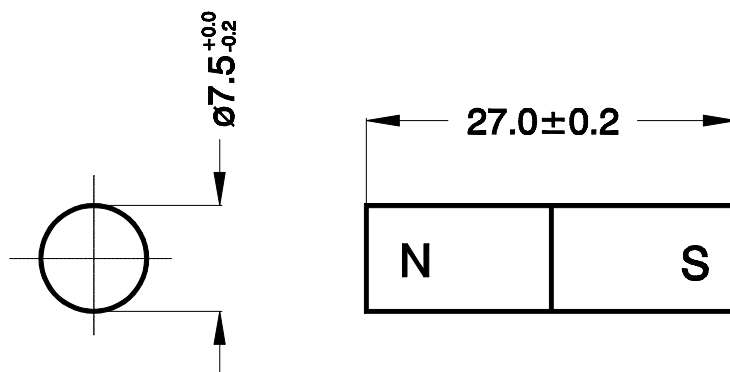
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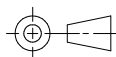
Magnet: AlNiCo 500 7,5 x 27

Part Number: 4003004006

Dimensions (mm)



round bar magnet magnetization axial (M3)



AlNiCo 500 code acc. to DIN 17410 : 35 / 5

Magnetic values acc. to DIN 17410		Min.	Typ.	Max.	unit
Energy product	(B x H) max.	35	39,8	-	kJ/m ³
Remanence	B _r	1120	1240	-	mT
revers. temp. coeff. of B _r		-	-0,02%	-	%/K
Coercivity	H _{cB}	47,0	51,3	-	kA/m
Coercivity	H _{cJ}	48,0	51,7	-	kA/m
revers. temp. coeff. of H _{cJ}		-	-	-	%/K
Density		-	7,4	-	g/cm ³
max. operating temperature		-	-	450	°C

Remark : all details correspond to manufacturers information

Magnetic Moment	M	8,32	9,34	-	X10 ⁻⁵ Vs·cm
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DEFINITION:

$$M = \Phi \cdot K$$

Φ = Magnetic Flux

K = Coil Constant