

Specifications

Product Name	Neodymium Φ 8mmx30mm				
Product Code	ND0979				
Content	Name	Symbol	SI		CGS
Shape	Diameter	D	8	mm	0.8 cm
	Height	H	30	mm	3 cm
	Dimensional tolerance +/-	D	0.1	mm	0.01 cm
		H	0.1	mm	0.01 cm
	Magnetization direction	M	Axial direction		
Magnetic Properties	Surface treatment	NiCuNi	12	μ m	-
	Surface flux density	B	529.4	mT	5294 G
	Attractive and Adsorptive Force	F	2.71	kgf	2710 gf
	Operating Point Flux Density	Bd	1140.2	mT	11402 G
	Total Flux	ϕ o	0.00005732	Wb	5732 Mx
	Permeance Coefficient	Pc	21.88	Pc	-
Material Properties	Operating Temperature Limit	Tw	150	°C	302 °F
	Material Symbol	Neodymium	35		
	Residual Flux Density	Br	1170-1220	mT	11.7-12.2 kG
	Coercive Force	Hcb	\geq 868	kA/m	\geq 10.9 kOe
	Intrinsic coercive force	Hcj	\geq 955	kA/m	\geq 12 kOe
	Maximum energy product	BH	263-287	kJ/m ³	33-36 MGOe
	Temperature coefficient	Br	-0.12	%/°C	31.78 %/°C
		Hcj	-0.55	%/°C	31.01 %/°C
	Heat resistance temperature	Tw	\leq 80	°C	\leq 176 °F
	Curie temperature	Tc	310	°C	590 °F
Remarks	Density	ρ	7.5	kg/m ³	-
	Weight	Net	0.0113	kg	11.3 g
REACH RoHS Directive					

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