

Product specification

Product name	Colour Magnet Dia30mmX6.5mm Blue			
Item	Name	Symbol	SI	CGS
Shape	Diameter	D	30 mm	3 cm
	Height	H	6.5 mm	0.65 cm
	Direction of magnetization	M	Assiale	
	Surface treatment	Nylon	500 μ m	
Measuring point	Surface flux density	B	77.5 mT	775 G
	Attractive force	F	- kgf	- gf
	Magnetic flux density on load point	Bd	128.9 mT	1289 G
	Total flux	Dia o	0.00009117 Wb	9117 Mx
	Permeance coefficient	Pc	0.52 Pc	-
	Operationg temperature range	Tw	- deg C	- deg F
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	Material grade	Colour Magnet	Y30H-1	
Material characteristics	Remanence	Br	380-400 mT	3.8-4.0 kG
	Coericive forces	Hcb	230-275 kA/m	2.87-3.44 kOe
	Intrinsic coercivity	Hcj	235-290 kA/m	2.94-3.62 kOe
	Maximum energy product	BH	27-32 kJ/m3	3.4-4.0 MGOe
	Temperature coefficient	Br	-0.18 %/deg C	31.68 %/deg F
		Hcj	0.18 %/deg C	32.32 %/deg F
	Max. operating temperature	Tw	<200 deg C	<392 deg F
	Curie temperature	Tc	460 deg C	860 deg F
	Density	P	5 kg/m3	-
	Weight	Net	0.0229 kg	22.9 g
Remark	Magnetization: Axial single-side Two-poles			

Information on these magnetic characteristics are approximate and reference values. When using the calculated values for actual magnetic application products and research and development of the application of magnetic products, use these values as reference values. We are not responsible for the results from the reference values. The details can be found by referring to the product specifications. All specifications are subject to change without notice.