Product specification

Product name	Magnetic Bar 40mmX40mmX100mm					
Item	Name	Symbol	SI		CGS	
Shape	Diameter	d	6	mm	0.6	cm
	Lengh	L	100	mm	10	cm
	Width	W	40	mm	4	cm
	Screw	M	12	mm	1.2	cm
	Direction of magnetization	M	Assiale			
	Surface treatment	Polish	-	μm		
Measuring point	Surface flux density	B	1200	mT	12000	G
	Attractive force	F	-	kgf	-	gf
	Magnetic flux density on load point	Bd	-	mT	-	G
	Total flux	Dia o	-	Wb	-	Mx
	Permeance coefficient	Pc	-	Pc	-	
	Operationg temperature range	Tw	100	deg C	212	deg F
	Operationg temperature range	Tw	-	deg C	-	deg F
Material characteristics	Material grade	Magnetic Bar	304			
	Remanence	Br	-	mT	-	kG
	Coericive forces	Hcb	-	kA/m	-	kOe
	Intrisic coercivity	Hcj	-	kA/m	-	kOe
	Maximum energy product	BH	-	kJ/m3	-	MGOe
	Temperature coefficient	Br	-	%/deg C	-	%/deg F
		Hcj	-	%/deg C	-	%/deg F
	Max. operating temperature	Tw	-	deg C	-	deg F
	Curie temperature	Tc	-	deg C	-	deg F
	Density	P	-	kg/m3	-	
	Weight	Net	1.2	kg	1200	g
Remark	REACH RoHS Directive					

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.

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