

# Product specification

Product name	Magnetic Filter L500mmXW500mmXH40mm Frame/Sheath/Eyelet				
Item	Name	Symbol	SI	CGS	
Shape	Diameter	D	25 mm	2.5	cm
	Diameter	d	28 mm	2.8	cm
	Internal diameter	ID	27 mm	2.7	cm
	Radian	R	21 mm	2.1	cm
	Radian	r	16 mm	1.6	cm
	Lengh	L	500 mm	50	cm
	Width	W	500 mm	50	cm
	Height	H	40 mm	4	cm
	Thickness	T	5 mm	0.5	cm
	Pitch	P	50 mm	5	cm
	Quantity	Q	10		
	Screw	M	6 mm	0.6	cm
	Direction of magnetization	M	Assiale		
	Surface treatment	Polish	- $\mu$ m		
Measuring point	Surface flux density	B	800 mT	8000	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		
	Operating temperature range	Tw	100 deg C	212	deg F
	Operating temperature range	Tw	- deg C	-	deg F
Material characteristics	Material grade	Magnetic Filter	316		
	Remanence	Br	- mT	-	kG
	Coercive forces	Hcb	- kA/m	-	kOe
	Intrinsic 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	21.199 kg	21199	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.