

Product specification

Product name	Magnetic Filter L500mmXW500mmXH40mm Frame/Sheath/Drawer					
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	
	Internal diameter	id	10.5	mm	1.05 cm	
	Subtitle	S	20	mm	2 cm	
	Radian	R	8	mm	0.8 cm	
	Lengh	L	500	mm	50 cm	
	Width	W	500	mm	50 cm	
	Width	w	100	mm	10 cm	
	Height	H	40	mm	4 cm	
	Height	h	30	mm	3 cm	
	Thickness	T	5	mm	0.5 cm	
	Thickness	t	10	mm	1 cm	
	Pitch	P	50	mm	5 cm	
	Quantity	Q	10			
	Direction of magnetization	M	Assiale			
Surface treatment	Polish	-	μ 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/m ³	- 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/m ³	-	
Weight	Net	22.795	kg	22795 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.