	8		7		6		
	Performance Parameters		Symbol	Unit	AVM14-10		
	Stroke		S	mm	10.0		
	Continuous Force @100°C ^[1]	Fc	Ν	1.05			
	Peak Force ^[2]	F _{pk}	N	3.12			
D	Force Constant ±10% ^[2]	K _f	N/A	0.87			
	Back EMF Constant ±10% ^[2]	K _e	V/(m/s)	0.87			
	Motor Constant @25°C ^[2]	K _m	N/Sqrt(W)	0.59			
	Resistance @25°C ±10% ^[3]	R ₂₅	Ω	2.22			
	Inductance ±20% ^[4]		L	mН	0.24		
	Electrical Time Constant		Te	ms	0.11		
	Continuous Current @100°C ^[1]		I _c	А	1.2		
	Peak Current		I _{pk}	А	3.6		
	Continuous Power Dissipation @100°C ^{[1}		Pc	W	4.1		
	Max. Coil Temperature		t _{max}	°C	100		
	Thermal Dissipation Constant ^[1]		K _{th}	W/ºC	0.055		
	Max. Voltage		U _{max}	Vdc	60		
	Coil Mass		m _{coil}	g	3.0		
С	Core Mass		m _{core}	g	13.6		
	Running Clearance		L _{gap}	mm	0.35		

[1] Measurement is taken at ambient temperature 25°C. Value depends on the thermal environment.

[2] The values are at mid stroke.

В

Α

[3] Resistance is measured by DC current with 0.5 m lead wire.

[4] Inductance is measured by current frequency of 1 kHz.

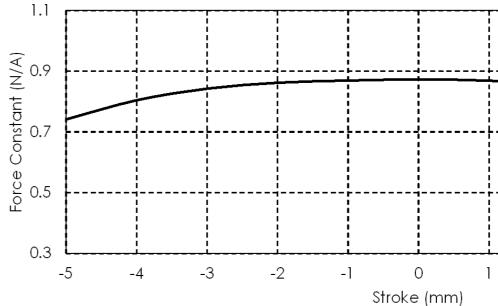
The contents of datasheet are subject to change without prior notice.

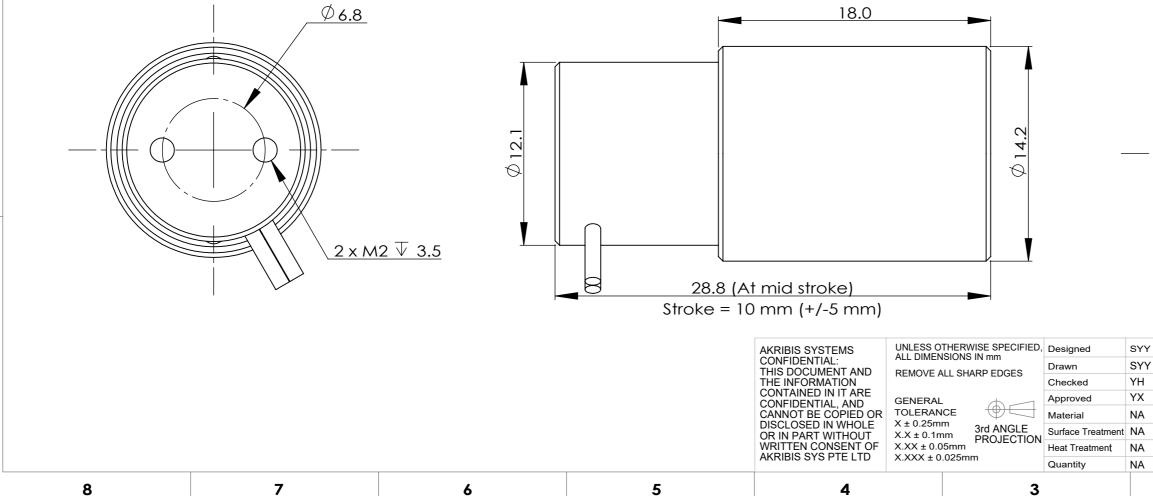


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