

AVM24-5

Model	Units	AVM24-5
Stroke	mm	5
Force sensitivity (at mid stroke)	N/A	3.00
Back EMF constant	V/m/s	3.00
Continuous force (at 100 °C) ¹	N	2.10
Peak force	N	11.40
Resistance ²	ohms	3.09
Inductance ²	mH	0.51
Voltage at peak force	V	11.7
Continuous current (coil at 100 °C)	A	0.70
Peak current	A	3.80
Actuator constant	N/SqRt(W)	1.71
Continuous power	W	1.51
Electrical time constant	ms	0.17
Mechanical time constant	ms	4.12
Clearance of coil	mm	0.50
Power at peak force	W	44.62
Thermal dissipation constant	W/°C	0.020
Max coil temperature	°C	100
Coil assembly mass	g	12.0
Core assembly mass	g	29.7

1. Continuous force measured without any additional mounting plate or heat sink on coil
2. measured at 25 °C

