

Model	Units	AVM24-10
Stroke	mm	10
Force sensitivity (at mid stroke)	N/A	3.90
Back EMF constant	V/m/s	3.90
Continuous force (at 100 °C) ¹	N	2.65
Peak force	N	14.82
Resistance ²	ohms	5.86
Inductance ²	mH	1.23
Voltage at peak force	V	22.3
Continuous current (coil at 100 °C)	A	0.68
Peak current	A	3.80
Actuator constant	N/SqRt(W)	1.61
Continuous power	W	2.71
Electrical time constant	ms	0.21
Mechanical time constant	ms	6.36
Clearance of coil	mm	0.50
Power at peak force	W	84.62
Thermal dissipation constant	W/°C	0.036
Max coil temperature	°C	100
Coil assembly mass	g	16.5
Core assembly mass	g	45.0

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

AVM24-10

