

Model	Units	AVM 20-10
Stroke	mm	10
Force sensitivity (at mid stroke)	N/A	2.00
Back EMF constant	V/m/s	2.00
Continuous force (at 100 °C) ¹	N	1.56
Peak force	N	7.60
Resistance ²	ohms	3.59
Inductance ²	mH	0.50
Voltage at peak force	V	13.64
Continuous current (coil at 100 °C)	A	0.78
Peak current	A	3.80
Actuator constant	N/SqRt(W)	1.06
Continuous power	W	2.18
Electrical time constant	ms	0.14
Mechanical time constant	ms	9.87
Clearance of coil	mm	0.50
Power at peak force	W	51.84
Thermal dissipation constant	W/°C	0.029
Max coil temperature	°C	100
Coil assembly mass	g	11.0
Core assembly mass	g	45.1

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

AVM20-10

