

Model	Units	AVM 30-15
Stroke	mm	15
Force sensitivity (at mid stroke)	N/A	7.35
Back EMF constant	V/m/s	7.35
Continuous force (at 100 °C) ¹	N	4.63
Peak force	N	29.40
Resistance ²	ohms	10.22
Inductance ²	mH	2.63
Voltage at peak force	V	40.9
Continuous current (coil at 100 °C)	A	0.63
Peak current	A	4.00
Actuator constant	N/SqRt(W)	2.30
Continuous power	W	4.06
Electrical time constant	ms	0.26
Mechanical time constant	ms	6.81
Clearance of coil	mm	0.60
Power at peak force	W	163.5
Thermal dissipation constant	W/°C	0.0541
Max coil temperature	°C	100.0
Coil assembly mass	g	36.0
Core assembly mass	g	95.6

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

AVM30-15

