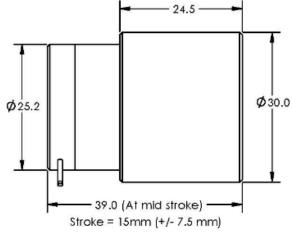
Model	Units	AVM 30-15
Stroke	mm	15
Force sensitivity (at mid stroke)	N/A	7.35
Back EMF constant	V/m/s	7.35
Continuous force (at 100 °C)1	N	4.63
Peak force	N	29.40
Resistance 2	ohms	10.22
Inductance 2	mH	2.63
Voltage at peak force	V	40.9
Continuous current (coil at 100 °C)	Α	0.63
Peak current	Α	4.00
Actuator 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

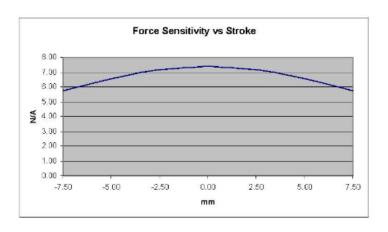
2. measured at 25 °C

Ø12.6-

2XM3**▼**5-



AVM30-15



2XM3 **▼**3

2XM3▼3

Ø23.2

Ø16.0

