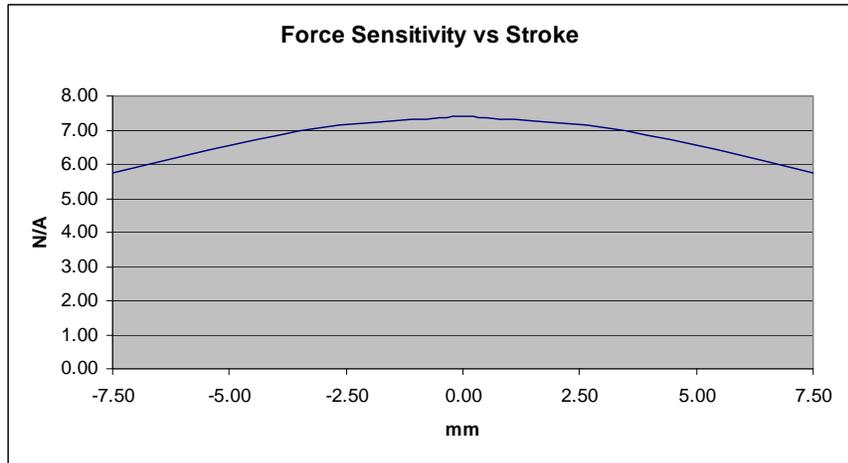
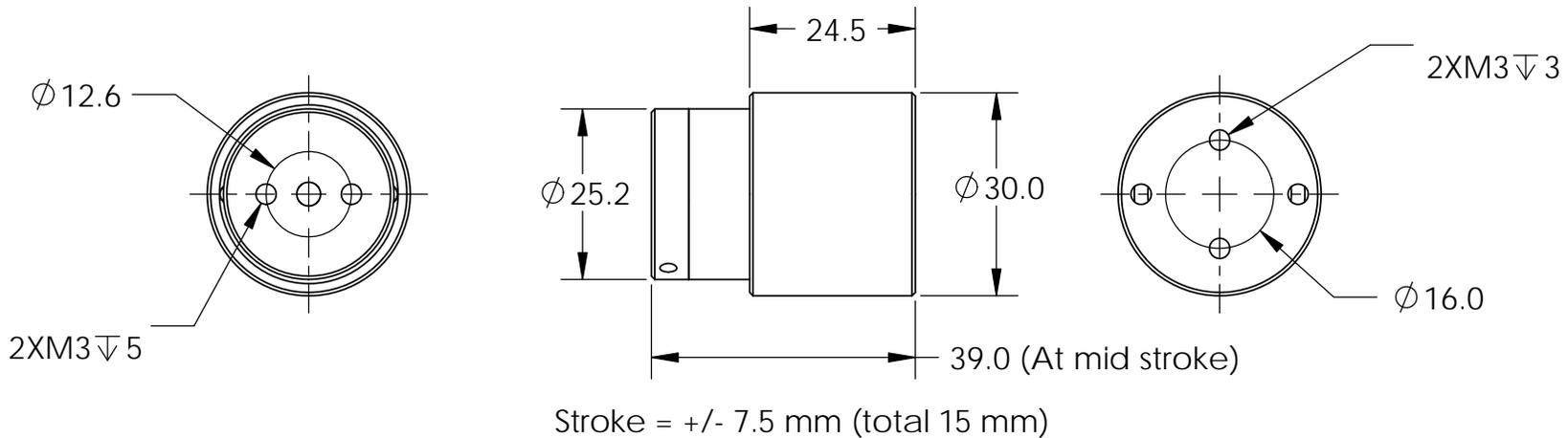


Model	Units	AVM 30-15
Stroke	mm	15
Force sensitivity (at mid stroke)	N/A	7.35
Back EMF constant	V/m/s	7.35
Continuous force (at 100 °C)*	N	4.63
Continuous force (at 155 °C)*	N	5.88
Peak force	N	29.4
Resistance	ohms	10.6
Inductance	mH	2.94
Recommended bus voltage	V	48.0
Voltage at peak force	V	42.4
Continuous current (coil at 100 °C)*	A	0.63
Continuous current (coil at 155 °C)*	A	0.80
Peak current	A	4.0
Actuator constant	N/SqRt(W)	2.26
Electrical time constant	ms	0.3
Mechanical time constant	ms	4.7
Clearance of coil	mm	0.60
Power at peak force	W	169.6
Max coil temperature	°C	155.0
Coil assembly mass	g	24.1
Core assembly mass	g	92.7



\* Continuous force measured without any additional mounting plate or heat sink on coil.



REVISION	3 rd angle projection Dimensions in mm .X +/- 0.05 X +/- 0.5	TITLE:	<b>AVM30-15</b>	
MATERIAL:		DWG NO.		A4
DATE	12 Sept 2005	SCALE:1:5	SHEET 1 OF 1	