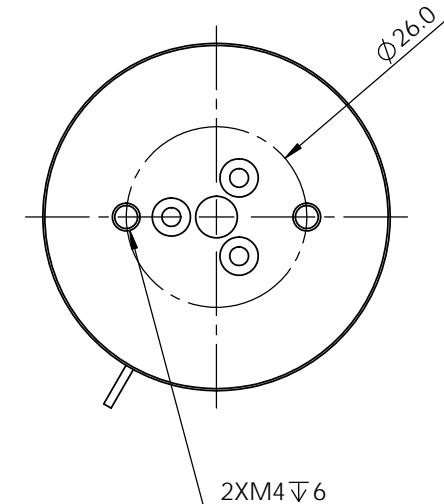
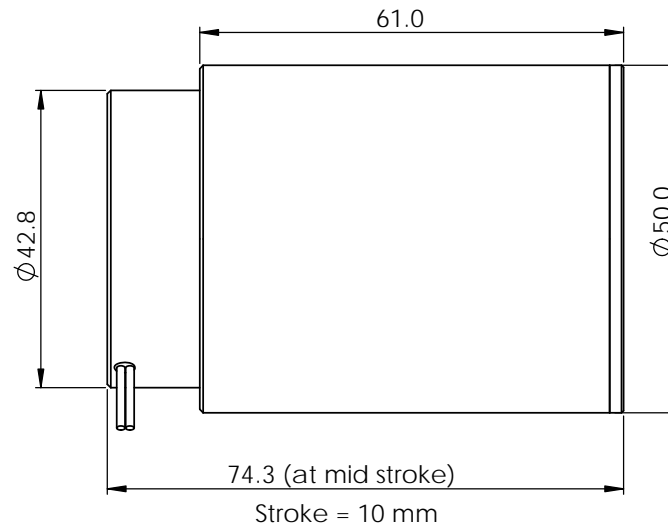
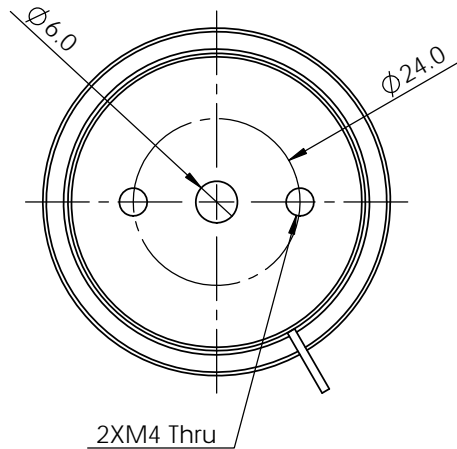
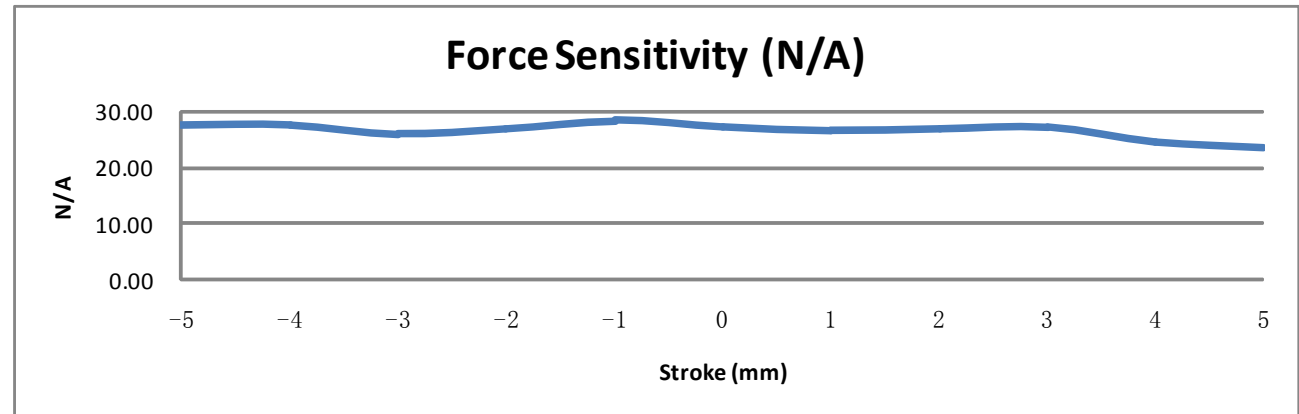


AVM50-HF-10

Model	Units	AVM 50-HF-10
Stroke	mm	10
Force sensitivity (at mid stroke)	N/A	28.00
Back EMF constant	V/m/s	28.00
Continuous force (at 100 °C)	N	33.60
Continuous force (at 155 °C)	N	43.68
Peak force	N	140.0
Resistance	ohms	7.8
Inductance	mH	4.40
Recommended bus voltage	V	48.0
Voltage at peak force	V	39.0
Continuous current (coil at 100 °C)	A	1.20
Continuous current (coil at 155 °C)	A	1.56
Peak current	A	5.0
Actuator constant	N/SqRt(W)	10.03
Electrical time constant	ms	0.6
Mechanical time constant	ms	1.4
Clearance of coil	mm	0.60
Power at peak force	W	195.0
Max coil temperature	°C	155.0
Coil assembly mass	g	140
Core assembly mass	g	538



REMOVE ALL SHARP EDGES
UNLESS OTHERWISE SPECIFIED,
ALL DIMENSIONS IN mm

GENERAL TOLERANCE
X ± 0.25mm
X.X ± 0.1mm
X.XX ± 0.05mm

3rd ANGLE PROJECTION

Design	
Date	2012/4/19
Material	
Finish	
Hardness	
Quantity	

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Model:	Rev:
Title :	
Drawing No.:	(1 OF 1)