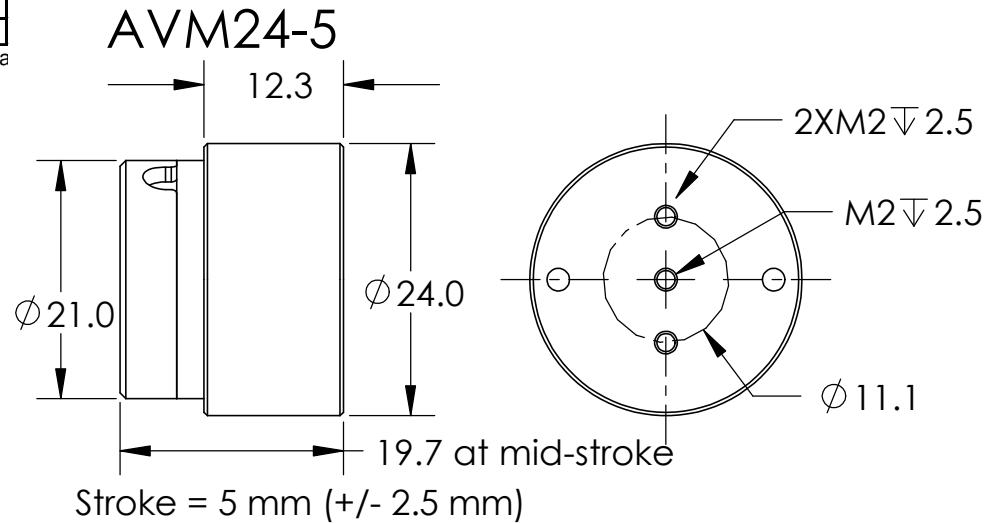
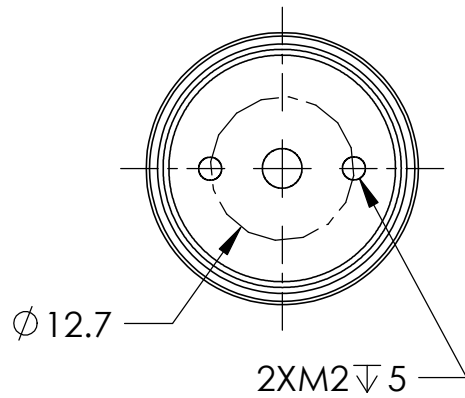
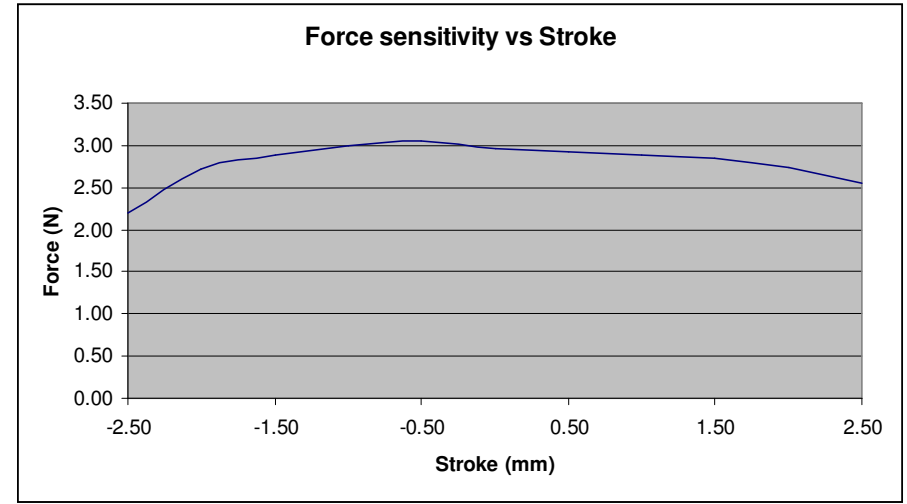


Model	Units	AVM24-5
Stroke	mm	5
Force sensitivity (at mid stroke)	N/A	3.00
Back EMF constant	V/m/s	3.00
Continuous force (at 100 °C)*	N	2.10
Continuous force (at 155 °C)*	N	2.85
Peak force	N	11.4
Resistance	ohms	3.2
Inductance	mH	0.53
Recommended minimum bus voltage	V	24.0
Voltage at peak force	V	12.2
Continuous current (coil at 100 °C)*	A	0.70
Continuous current (coil at 155 °C)*	A	0.95
Peak current	A	3.8
Actuator constant	N/SqRt(W)	1.68
Continuous power (at 100 °C)*	W	1.57
Electrical time constant	ms	0.2
Mechanical time constant	ms	3.8
Clearance of coil	mm	0.50
Power at peak force	W	46.2
Thermal dissipation constant	W/°C	0.021
Max coil temperature	°C	155.0
Coil assembly mass	g	10.6
Core assembly mass	g	30.0

* Continuous force measured without any additional mounting plate or heat sink



REVISION 3 rd angle projection
Dimensions in mm
.X +/- 0.05
X +/- 0.5

MATERIAL:

DATE 16 Mar 2009

TITLE: AVM24-5

Drawing:

Akribis Systems Pte Ltd

A4

SCALE:1:5

SHEET 1 OF 1