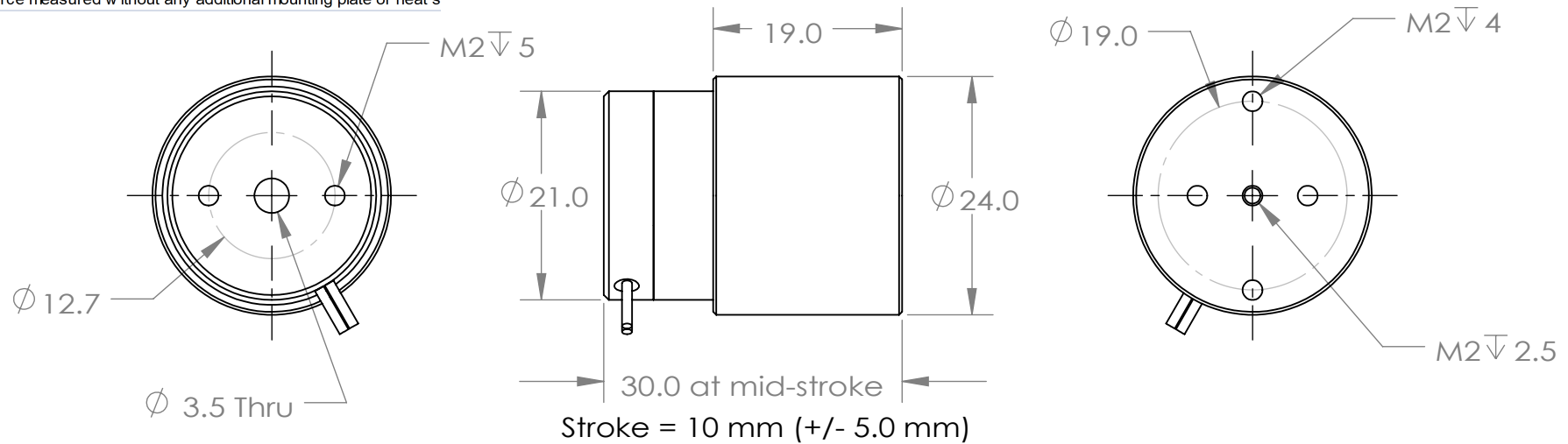
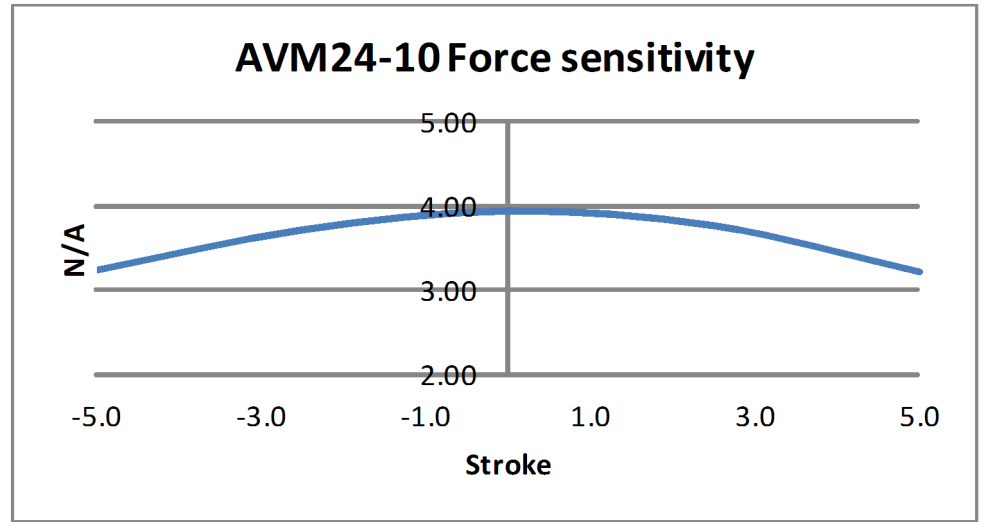


Model	Units	AVM24-10
Stroke	mm	10
Force sensitivity (at mid stroke)	N/A	3.90
Back EMF constant	V/m/s	3.90
Continuous force (at 100 °C)*	N	2.65
Continuous force (at 155 °C)*	N	3.59
Peak force	N	14.8
Resistance	ohms	5.5
Inductance	mH	0.91
Recommended minimum bus voltage	V	24.0
Voltage at peak force	V	20.9
Continuous current (coil at 100 °C)*	A	0.68
Continuous current (coil at 155 °C)*	A	0.92
Peak current	A	3.8
Actuator constant	N/SqRt(W)	1.66
Continuous power (at 100 °C)*	W	2.54
Electrical time constant	ms	0.2
Mechanical time constant	ms	6.6
Clearance of coil	mm	0.50
Power at peak force	W	79.4
Thermal dissipation constant	W/°C	0.034
Max coil temperature	°C	155.0
Coil assembly mass	g	18.3
Core assembly mass	g	45.0

\* 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	TITLE:	AVM24-10	
MATERIAL:		Drawing:		
DATE	31 Aug 2007	SCALE:1:5	Akribis Systems Pte Ltd	
		SHEET 1 OF 1	A4	