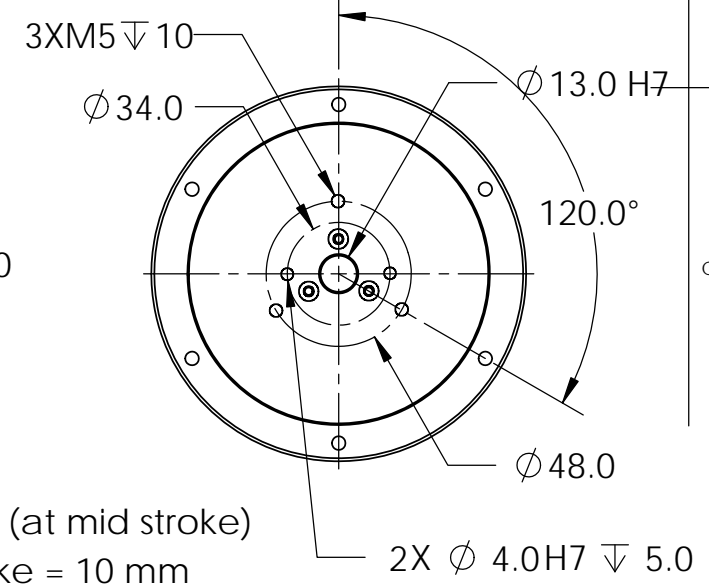
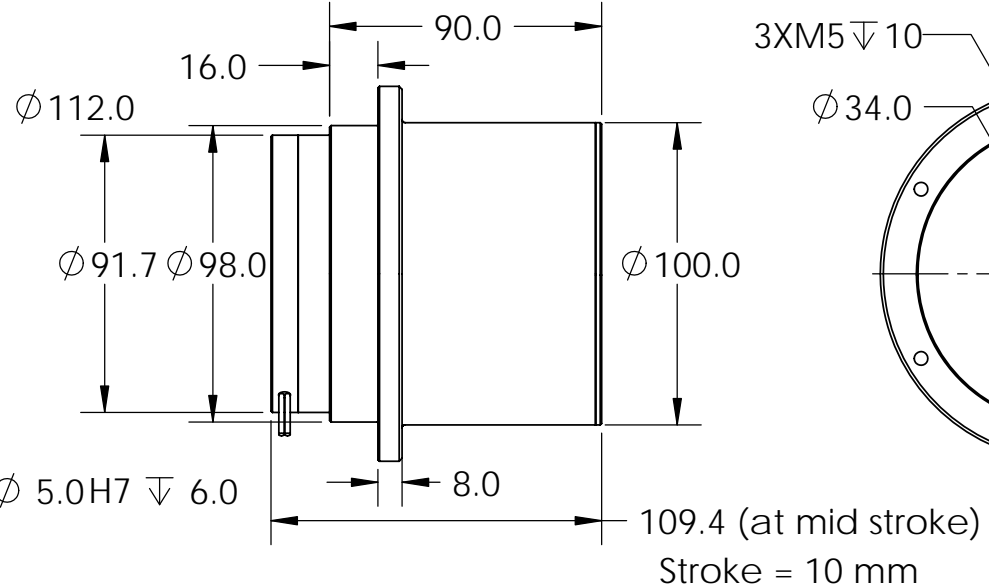
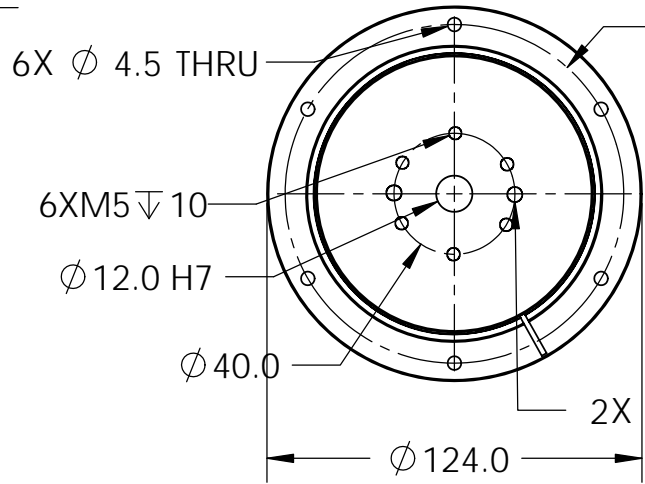
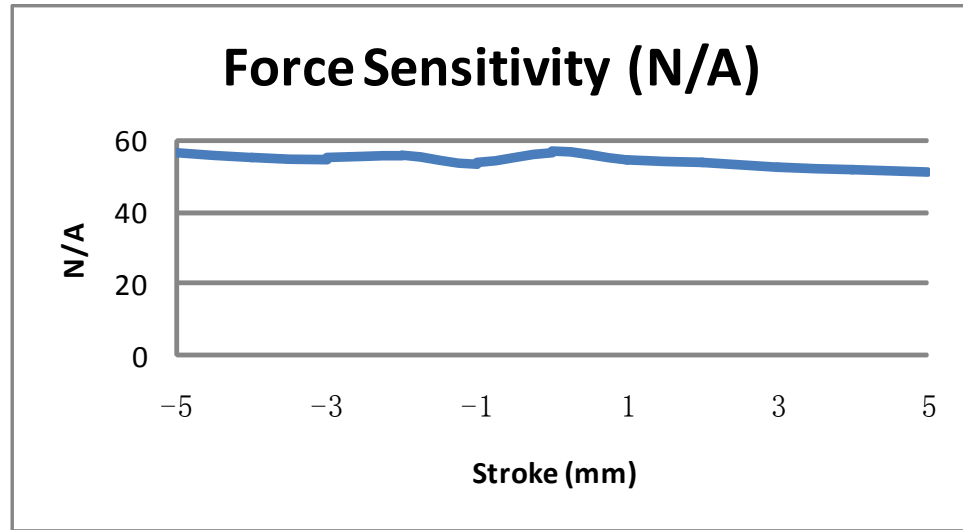


Model	AVM 100HF-10
Stroke	10
Force sensitivity (at mid stroke)	55.00
Back EMF constant	55.00
Continuous force (at 100 °C)*	192.50
Continuous force (at 155 °C)*	247.50
Peak force	770.0
Resistance	3.4
Inductance	4.12
Voltage at peak force	47.6
Continuous current (coil at 100 °C)*	3.5
Continuous current (coil at 155 °C)*	4.5
Peak current	14.0
Actuator constant	29.83
Continuous power (at 100 °C)*	41.65
Electrical time constant	1.2
Mechanical time constant	1.2
Clearance of coil	0.65
Power at peak force	666.4
Thermal dissipation constant	0.555
Max coil temperature	155.0
Coil assembly mass	1077.0
Core assembly mass	3277.0

\* Continuous force measured without any additional mc

# AVM100-HF-10

Patented Design



REVISION	3 rd angle projection Dimensions in mm .X +/- 0.05 X +/- 0.5	TITLE:	AVM100-HF-10
MATERIAL:		Drawing:	
DATE	8 Aug 2007	<b>Akribis Systems Pte Ltd</b>	
SCALE:	1:5		
SHEET 1 OF 1			