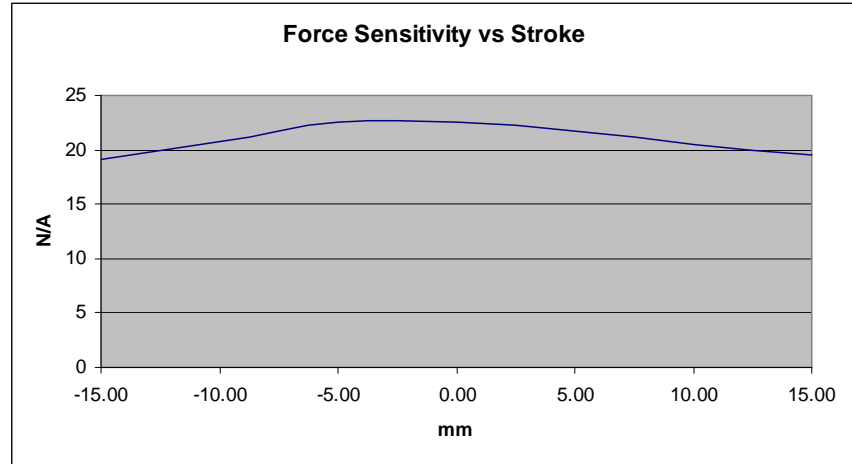
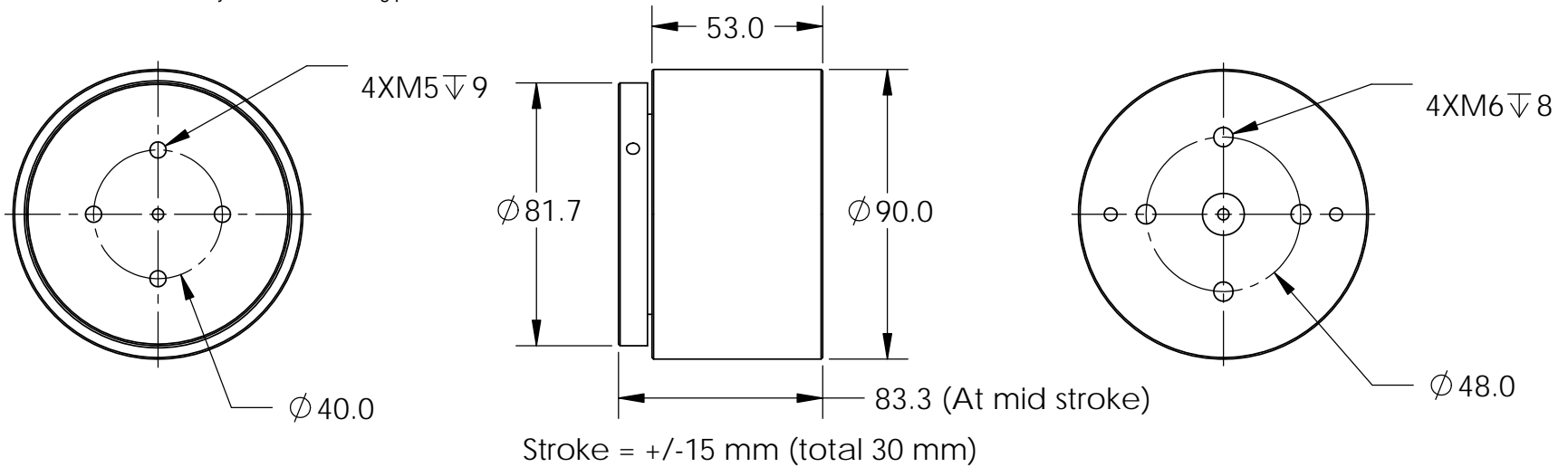


Model	Units	AVM 90-30
Stroke	mm	30
Force sensitivity (at mid stroke)	N/A	22.50
Back EMF constant	V/m/s	22.50
Continuous force (at 100 °C)*	N	74.25
Continuous force (at 155 °C)*	N	96.75
Peak force	N	315.0
Resistance	ohms	2.9
Inductance	mH	6.61
Recommended min bus voltage	V	60.0
Voltage at peak force	V	40.6
Continuous current (coil at 100 °C)*	A	3.3
Continuous current (coil at 155 °C)*	A	4.3
Peak current	A	14.0
Actuator constant	N/SqRt(W)	13.21
Electrical time constant	ms	2.3
Mechanical time constant	ms	4.3
Clearance of coil	mm	0.65
Power at peak force	W	568.4
Max coil temperature	°C	155.0
Coil assembly mass	g	757.6
Core assembly mass	g	1750.0



* 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:	AVM90-30	
MATERIAL:		DWG NO.		A4
DATE	3 Oct 2005	SCALE:1:5	SHEET 1 OF 1	