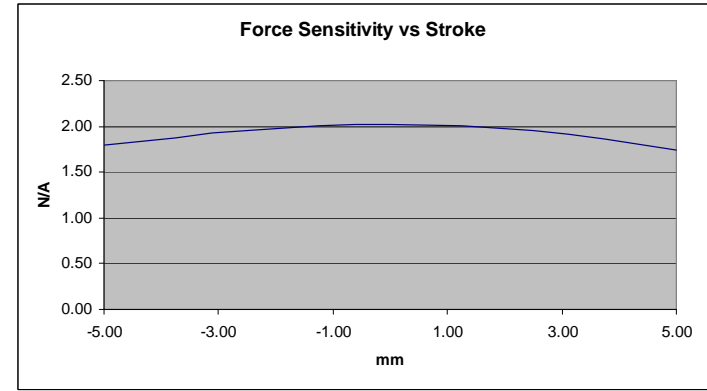
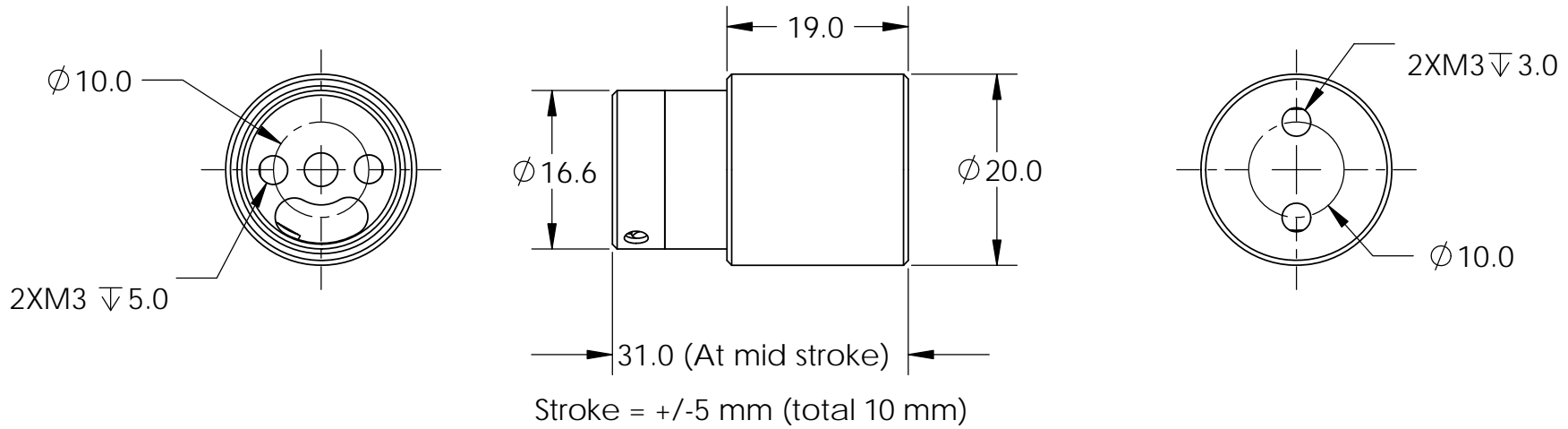


Model	Units	AVM 20-10
Stroke	mm	10
Force sensitivity (at mid stroke)	N/A	2.00
Back EMF constant	V/m/s	2.00
Continuous force (at 100 °C)*	N	1.56
Continuous force (at 155 °C)*	N	2.18
Peak force	N	7.6
Resistance	ohms	3.5
Inductance	mH	0.40
Recommended bus voltage	V	24.0
Voltage at peak force	V	13.3
Continuous current (coil at 100 °C)*	A	0.78
Continuous current (coil at 155 °C)*	A	1.09
Peak current	A	3.8
Actuator constant	N/SqRt(W)	1.07
Electrical time constant	ms	0.1
Mechanical time constant	ms	7.7
Clearance of coil	mm	0.50
Power at peak force	W	50.5
Max coil temperature	°C	155.0
Coil assembly mass	g	8.8
Core assembly mass	g	30.3



\* 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:	<b>AVM20-10</b>	
MATERIAL:		DWG NO.		
DATE	12 Sept 2005	SCALE:1:5	SHEET 1 OF 1	
			A4	