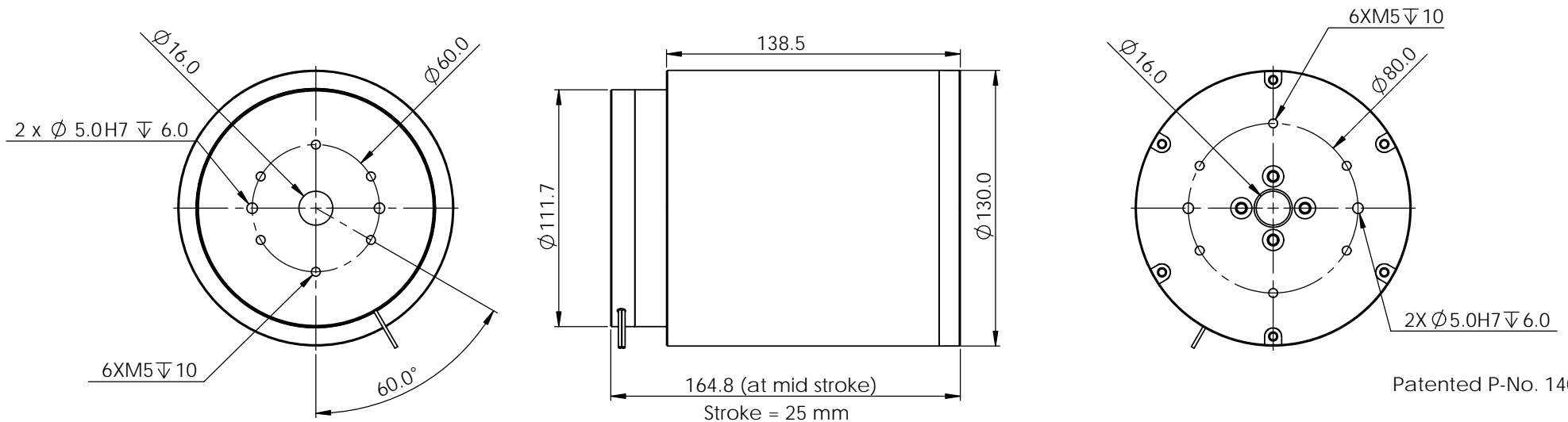
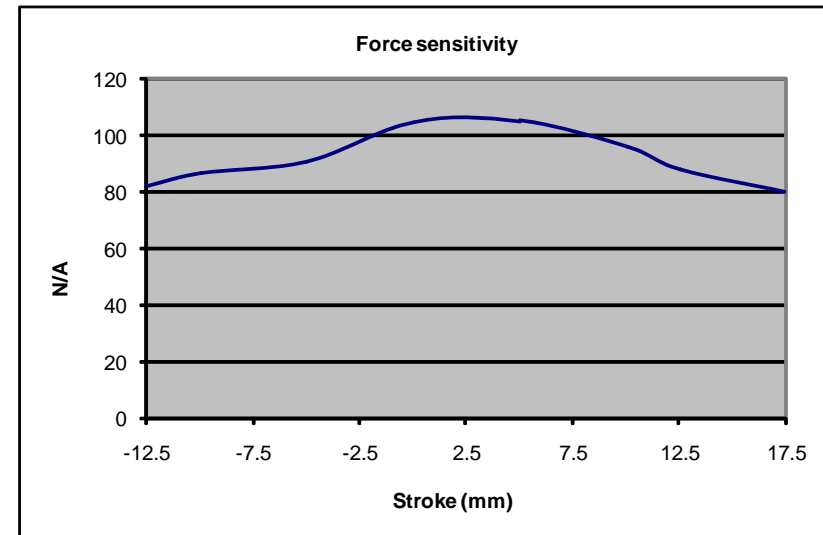


AVM130-HF-25

Model	Units	Per winding	
		AVM 130-HF-25	
Stroke	mm	25	
Force sensitivity (at mid stroke)	N/A	54.6	
Back EMF constant	V/m/s	54.6	Combined-2 windings
Continuous force (at 100 °C)*	N	180.2	360.4
Continuous force (at 155 °C)*	N	234.8	469.6
Peak force	N	764.4	1528.8
Resistance	ohms	3.0	
Inductance	mH	3.86	
Recommended min bus voltage	V	60.0	
Voltage at peak force	V	42.0	
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)	31.52	44.58
Electrical time constant	ms	1.3	
Clearance of coil	mm	0.55	
Power at peak force	W	588.0	
Max coil temperature	°C	155.0	
Coil assembly mass	Kg	1.55	
Core assembly mass	Kg	9.30	



Patented P-No. 140482

REMOVE ALL SHARP EDGES UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN mm GENERAL TOLERANCE X \pm 0.25mm X.X \pm 0.1mm X.XX \pm 0.05mm 3rd ANGLE PROJECTION	Design		Akribis Systems Pte Ltd ©2004. All rights reserved.
	Date	2012/4/23	
	Material		
	Finish		
	Hardness		
	Quantity		
Model:		Rev:	
Title :			
Drawing No.:	(1 OF 1)		