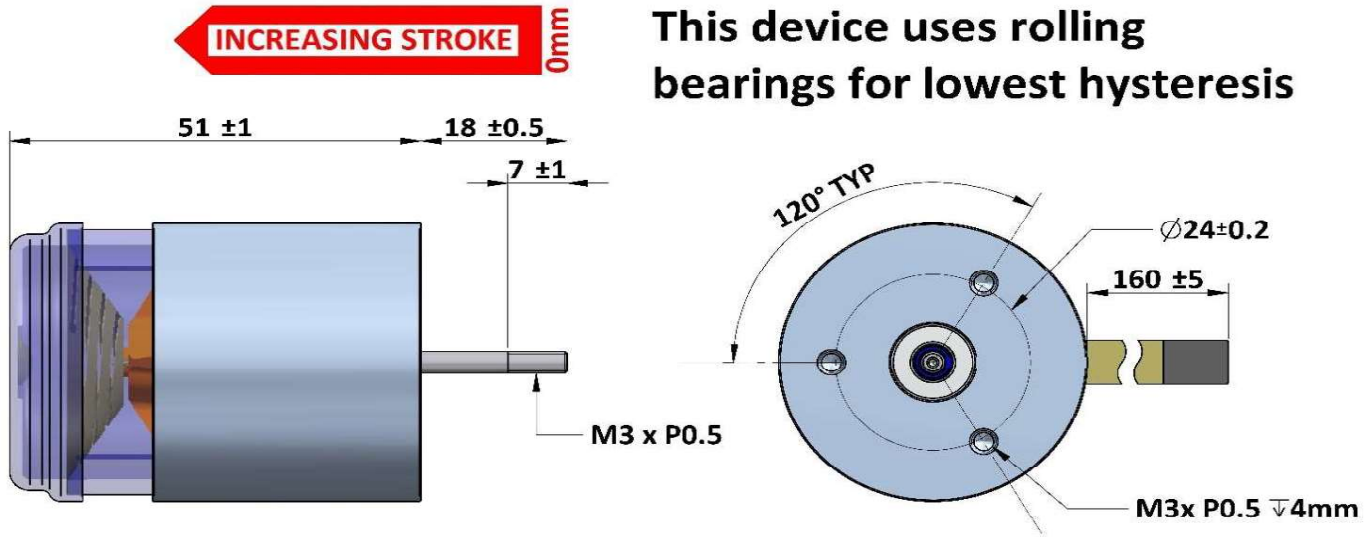
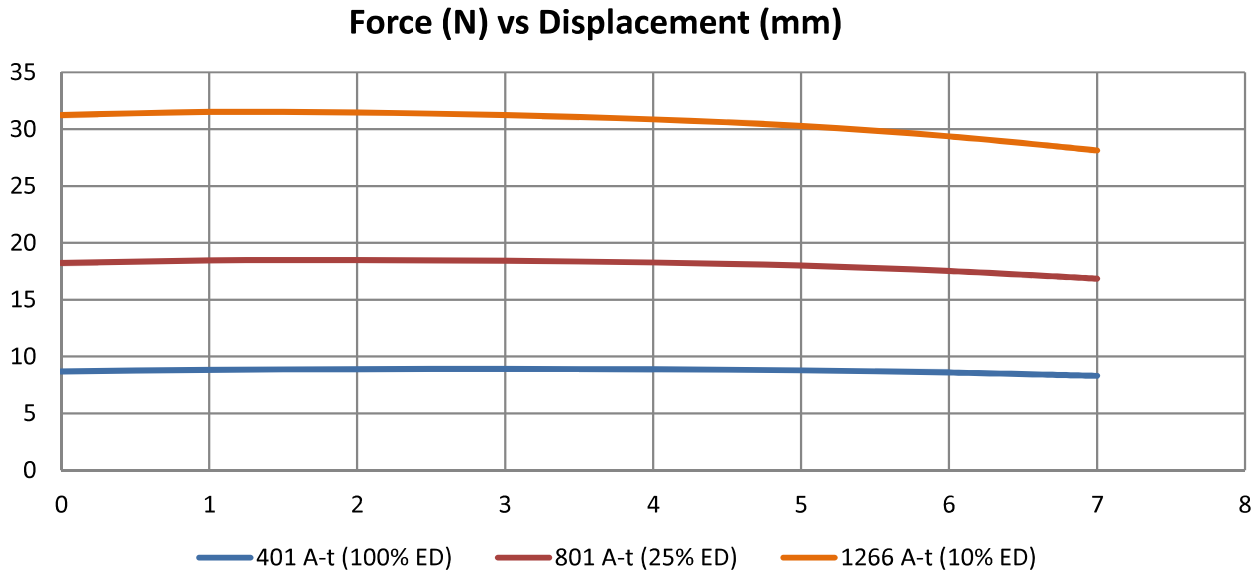
GEEPLUS VM3850RB

P_{100} is the continuous (100% ED) excitation power at which the coil attains temperature T_{max} with the part mounted to a massive heatsink at 20°C

P_{100}	8 W	Total Mass	60 g
T_{max}	130 °C	Coil Mass	6 g

Model No.	Resistance R_{20}	Inductance	Force Constant	Velocity Constant	Current I_{100}
VM3850RB-200	25.4 Ω		14.5 N/A	14.5 Vs/m	0.58 A
VM3850RB-265	8.2 Ω	4.78 mH	8.6 N/A	8.6 Vs/m	1.02 A
VM3850RB-400	1.6 Ω		3.9 N/A	3.9 Vs/m	2.31 A

Max 'ON' time		Peak Force
100% ED	∞	8.5 N
50% ED	60 s	12.0 N
25% ED	26 s	17.0 N
10% ED	11 s	26.0 N

*Inductance is measured with the shaft fully extended at 1kHz and will reduce as the shaft moves in to the pot.