



**GEEPLUS**

# VM8054 & VM8080

$P_{100}$  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

$P_{100}$  50 W

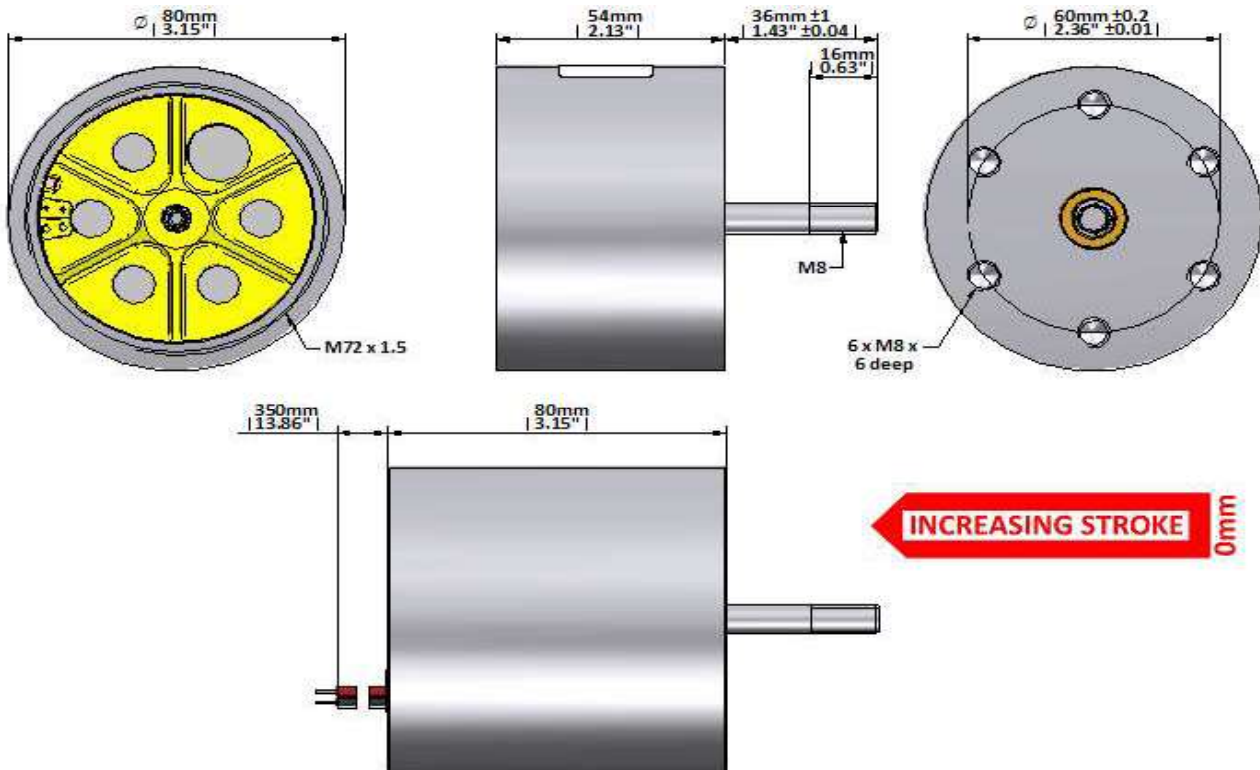
VM8054 1.7kg / VM8080 2kg

$T_{max}$  130 °C

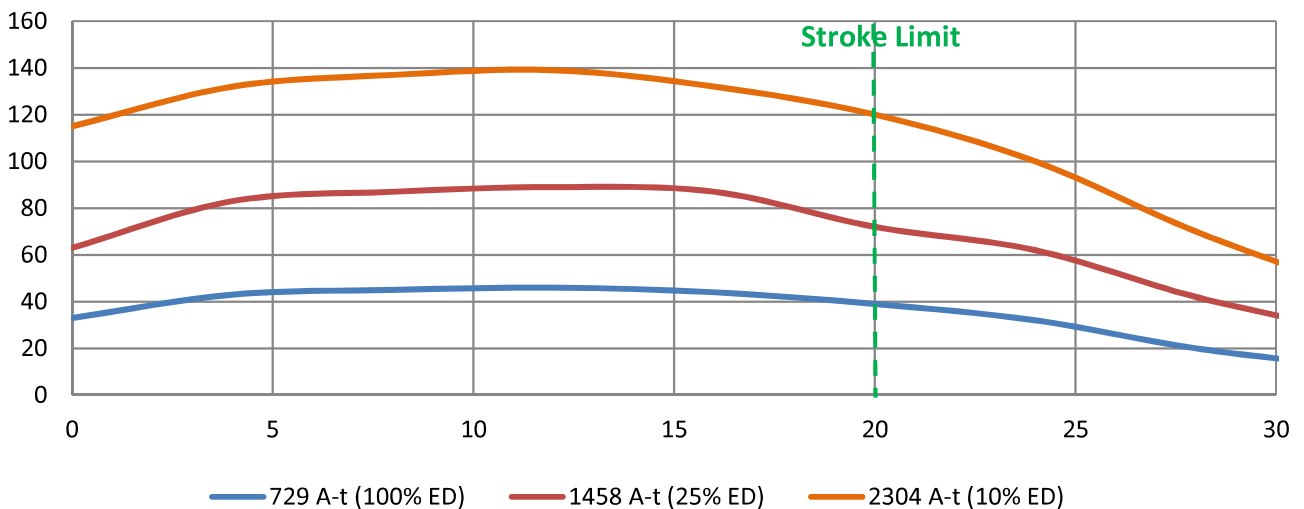
Coil Mass 150 g

Model No.	Resistance $R_{20}$	Inductance	Force Constant	Velocity Constant	Current $I_{100}$
VM80xx-630	2.3 $\Omega$		10 N/A	10 Vs/m	3.9 A
VM80xx-400	11.5 $\Omega$	10.6 mH	24 N/A	24 Vs/m	1.8 A
VM80xx-250	85.0 $\Omega$	77 mH	62 N/A	62 Vs/m	0.6 A

	Max 'ON' time	Peak Force
100% ED	$\infty$	43 N
50% ED	100 s	62 N
25% ED	100 s	85 N
10% ED	0s	130 N



**Force (N) vs Displacement (mm)**



Geeplus reserves the right to change specifications without notice

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