



**GEEPLUS**

# Vibration Actuator



**P<sub>100</sub>**    **2.5 W**                      **Total Mass**    **150 g**

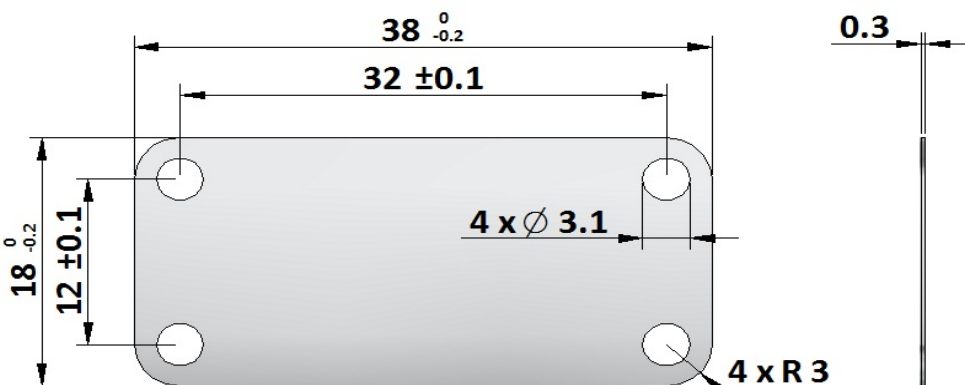
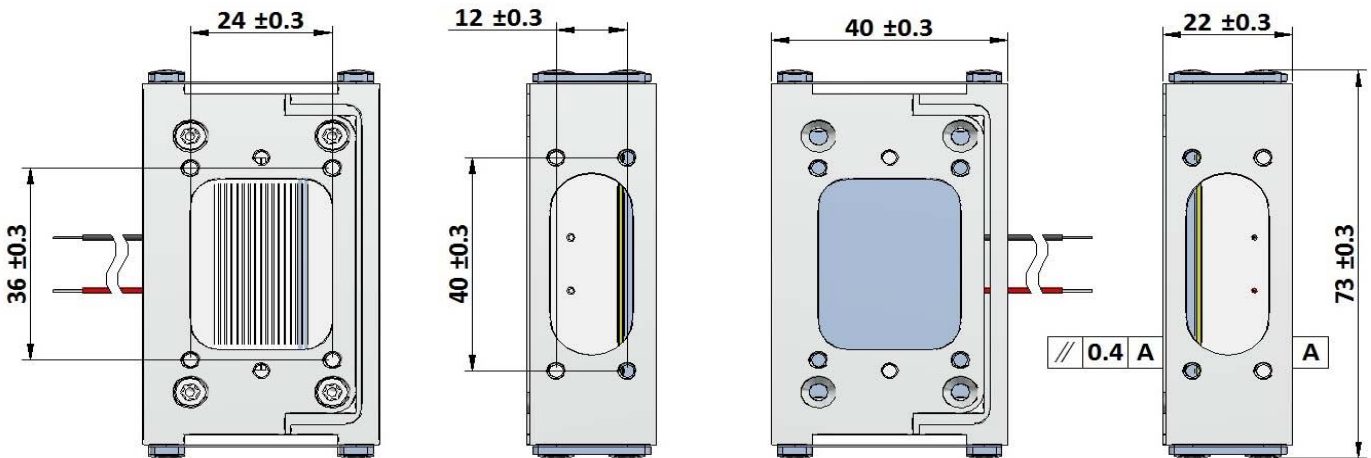
**T<sub>max</sub>**    **80 °C**                      **Moving Mass**    **52 g**

P100 is the continuous (100% ED) excitation power at which the coil attains temperature T<sub>max</sub> with the part mounted to a massive heatsink at 20°C

Model No.	Resistance R <sub>20</sub>	Inductance
VIBRO1-10	10.0 Ω	0.6 mH

The VIBRO1 incorporates a HAP56 actuator in an easily mounted cast body with steel flexures for support. The VIBRO1 facilitates simple implementation of small vibratory assemblies.

**4 x mounting holes in each face are M3 x P0.5, maximum 3 deep**



## 87-1044

The steel flexure 87-1044 can be used to provide support to vibrating loads driven by the VIBRO1 or HAP56 actuator devices. Either end should be securely clamped between flat surfaces.



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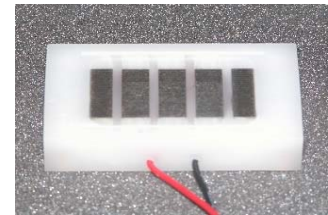
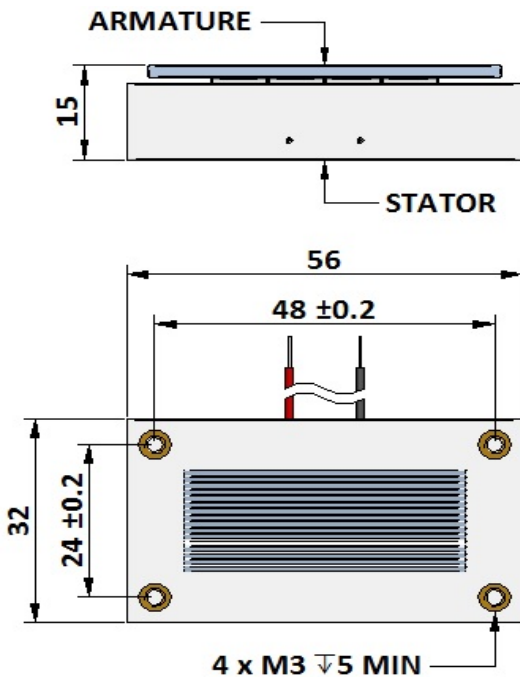
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$P_{100}$  is the continuous (100% ED) excitation power at which the coil attains temperature  $T_{max}$  with the part mounted to a massive heatsink at 20°C

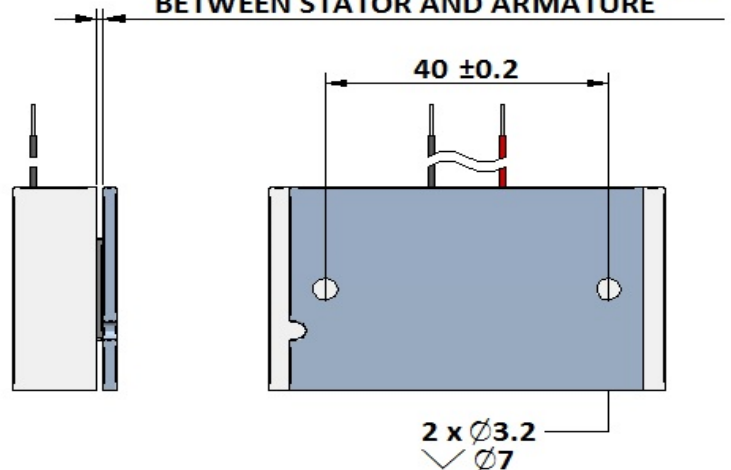
$P_{100}$	2.5 W	Total Mass	86 g
$T_{max}$	80 °C	Moving Mass	30 g

Model No.	Resistance $R_{20}$	Inductance
HAP56-10	10.0 $\Omega$	0.6 mH

The HAP56 actuator is designed to generate linear vibration when energised with an AC signal. It will develop a high force over displacement of 3-4mm for excitation power of only a few watts. It can be used to generate tactile feedback for MMI applications, or as a motion generator for linear conveyors / component feeders



**AIRGAP 0.8 ±0.2 MUST BE MAINTAINED BETWEEN STATOR AND ARMATURE**



## Typical Force Characteristic

