

UUV PROPULSION MOTOR

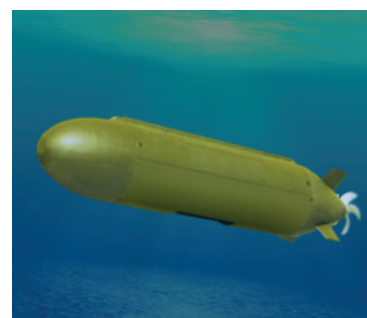
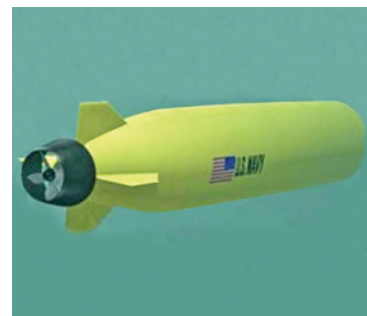
QUIET, RELIABLE, AND EFFICIENT



Moog's UUV Propulsion Motor utilizes state of the art motor design to provide high torque outputs in a small package with the high efficiencies necessary for UUV applications. It is designed to meet MIL-STD-810. It is currently in use in the subsea market and is easily scaled to fit other UUV applications.

KEY FEATURES

- Brushless DC subsea propulsion motor (accompanying controller also available).
- Free-air convection/conduction cooling to +60°C with 50 amps continuous operating current.
- Oil filled pressure balanced housing that is operational from sea level to 5000 psig.
- Anodized aluminum housing with multiple mounting options available.

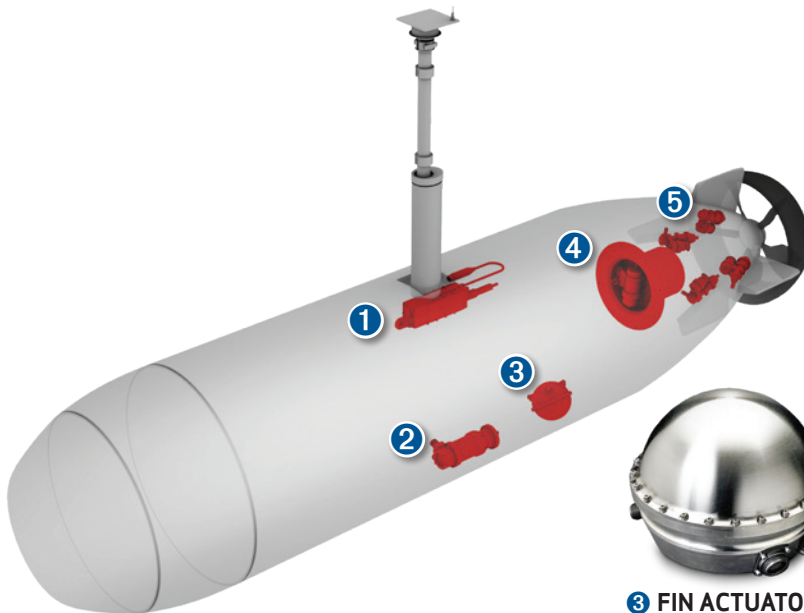
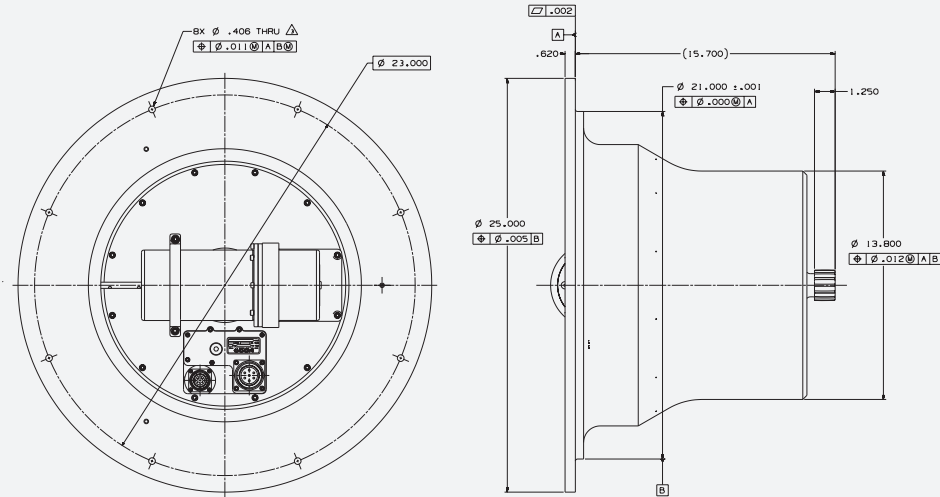


UUV PROPULSION MOTOR

The motor can output 270 ft lbs of torque at 180 RPM at an operating voltage of 270Vdc.

Operating Temperature: -2C to 35C **Operating Pressure:** Sea Level to 5000 psi **Mass:** 294 lbs

DIMENSIONS (inches)



1 LINEAR INTEGRATED ACTUATOR



2 SMALL SUBSEA MOTOR



3 FIN ACTUATOR CONTROL ELECTRONICS



4 MAIN PROPULSION MOTORS



5 FIN CONTROL ACTUATORS

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