Moog’s AUV Propulsion Motor utilizes state of the art motor design to provide high torque outputs in a small package with the high efficiencies necessary for AUV 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 AUV 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.
AUV PROPULSION MOTOR

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

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

**Dimensions (inches)**

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Equipment described herein falls under the jurisdiction of the ITAR and requires US Government Authorization for export purposes. Diversion contrary to US law is prohibited.

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