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.
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