

## SUBSEA LINEAR ACTUATOR

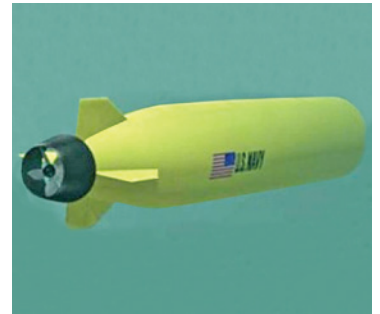
QUIET, RELIABLE, AND EFFICIENT



Moog's Naval Systems Business Unit is the premier supplier of custom designed, high performance motion control solutions for mission critical undersea applications. Moog actuation systems provide industry leading reliability and efficiency and are closely tailored to the needs of each customer. This data sheet describes an existing linear actuation product. Moog will customize this or other designs to suit your application.

### KEY FEATURES

- Customizable to meet your specific needs
- High reliability
- High efficiency
- Low noise



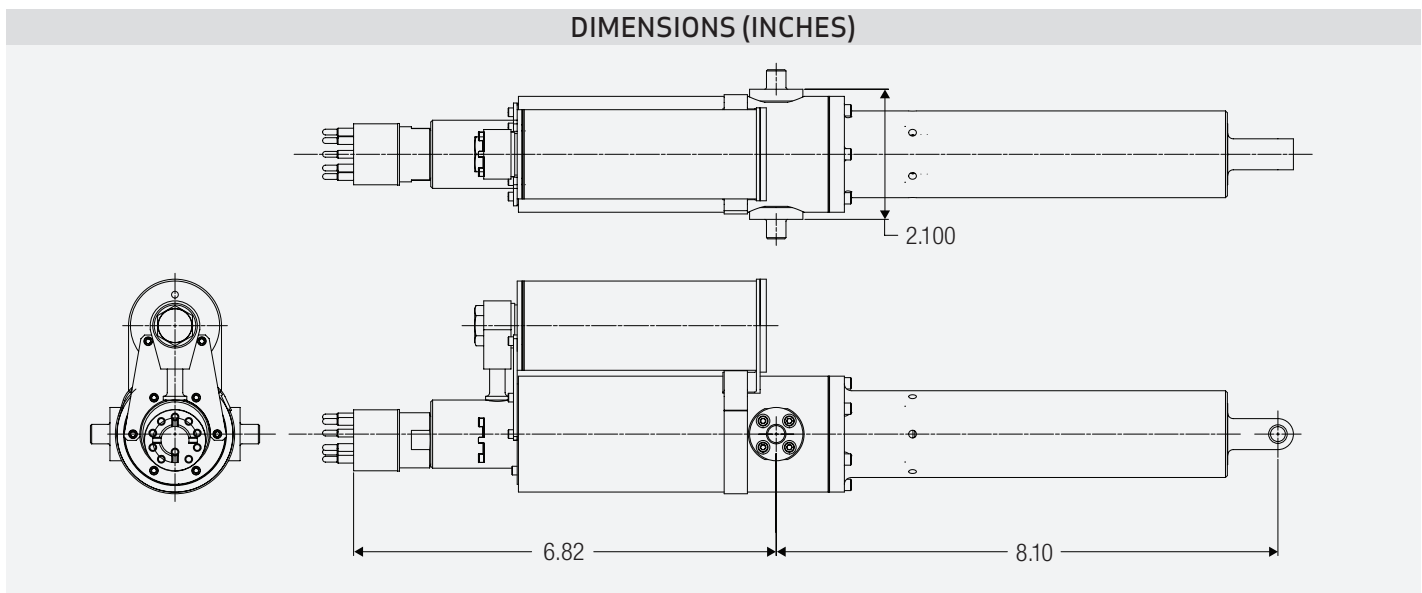
# SUBSEA LINEAR ACTUATOR

## PERFORMANCE PARAMETERS

- Stroke = 4 inches
- Force = 250 lbs
- Speed = 2 inches/sec
- Input Power = 1.5 A at 110 VDC
- Pressure compensated for external environment up to 9000 psi
- Weight <1.4 kg; <3.09 lbs
- Length = 29.634 cm; 11.667 in
- Diameter = 4.749 cm; 1.870 in

## DESIGN FEATURES

- Wet ball screw design
- No leak prone dynamic linear seals
- Low compensator volume required
- PBOF motor cavity
- Moog BLDC motor
- Resolver based position indication
- Several controller options available



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