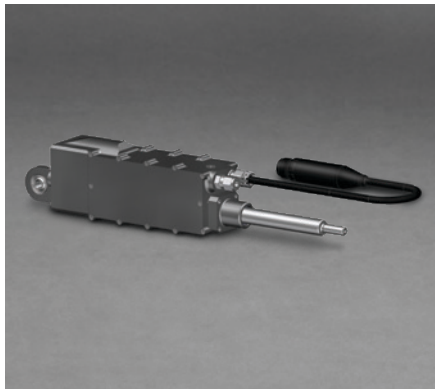


SUBSEA INTEGRATED LINEAR ACTUATOR

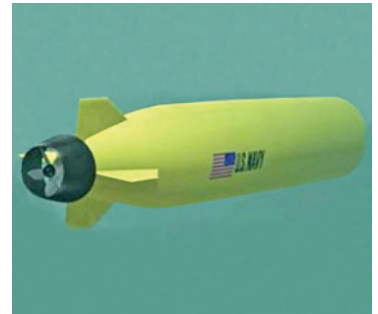
QUIET, RELIABLE, AND EFFICIENT



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

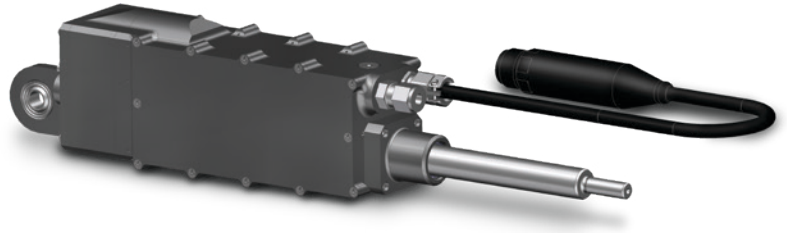
- Customizable to meet your specific needs
- High reliability
- High efficiency
- Low noise



SUBSEA INTEGRATED LINEAR ACTUATOR

PERFORMANCE

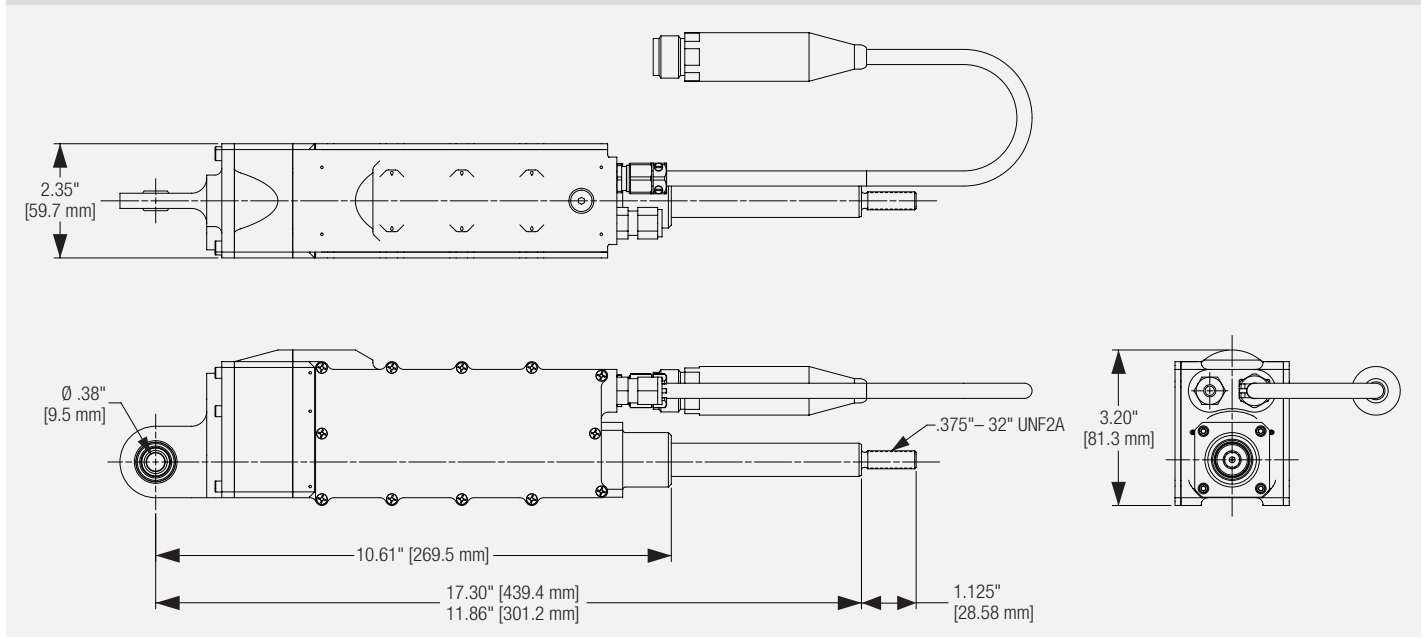
Features	Specifications
Stroke	5.4" (software limited)
Force	40 lbs
Speed	2.2"/s
Input voltage	75VDC to 120VDC
Weight	3.63 kg; 8 lbs
Efficiency 80% (including electronics)	



DESIGN FEATURES

- BLDC motor with integrated electronics
- Multiple communication protocols supported
- Resolver used for motor commutation
- Magnetic encoder based position indication
- Optional holding brake
- Scalable design can apply to a variety of force/speed profiles
- Overvoltage protection built in
- External compensation port

ARCHITECTURAL AND DIMENSIONAL DRAWING



MOOG

AMERICAS

navalsystems@moog.com
www.moog.com/defense



Moog Space and Defense

AUSTRALIA

Info.australia@moog.com
www.moog.com.au



Moog Inc.



@Moog_Inc

EUROPE

defenceurope@moog.com
www.moog.com/defence



@Moog.Inc

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