

Model 60

DC BRUSHLESS ROTARY ACTUATOR

With 60 ft-lbs (80nm) of output torque, the Model 60 is ideal for subsea manipulators, tool systems, winches, valve actuators & other subsea applications.

Two speed ranges -- 0 to 90° per second & 0 to 45° per second. Speeds are continuously variable and rotation is reversible with +/-5V command signal.

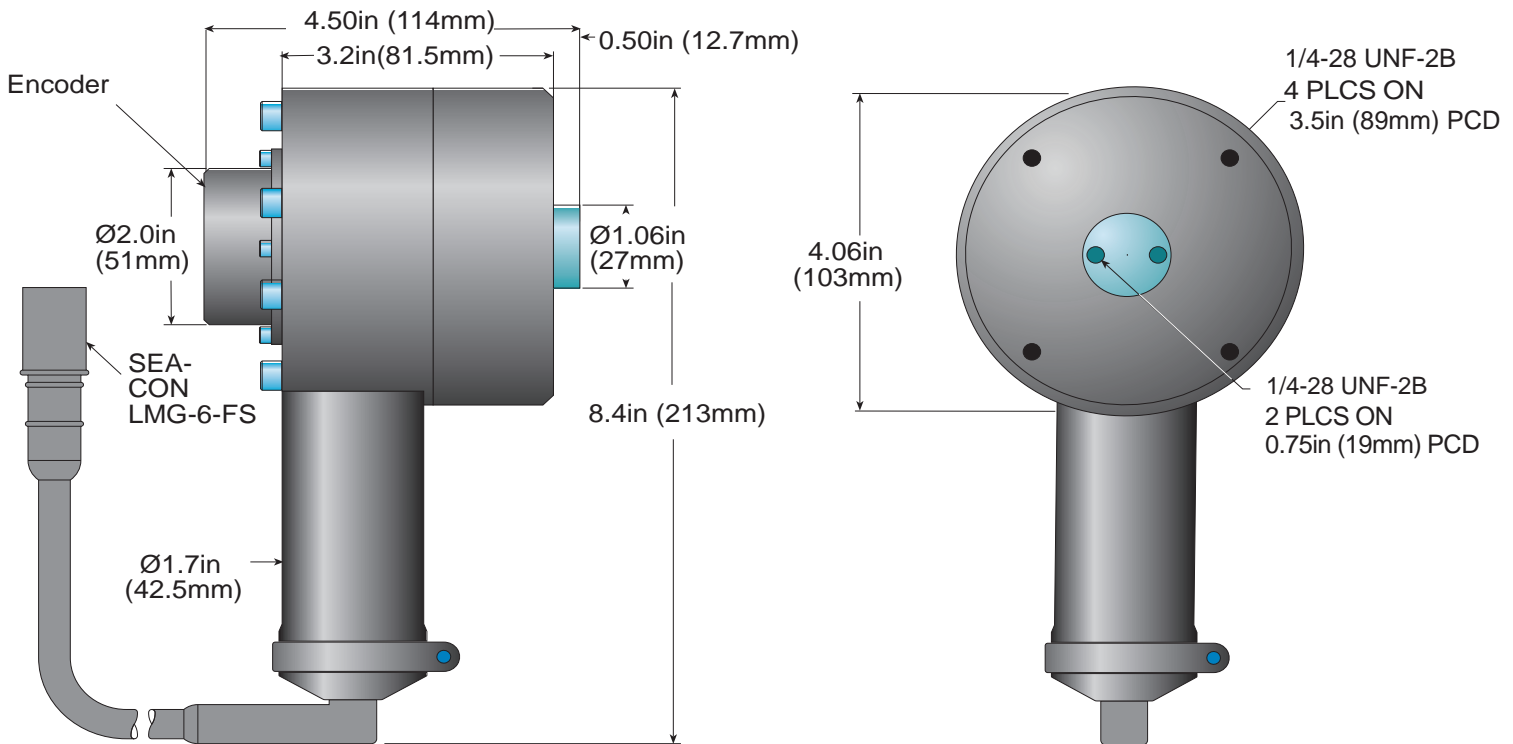
Feature 150 volt DC brushless rare earth motor for maximum reliability & power.

Voltages from 48-280 available. Power & control electronics housed within motor case for maximum reliability & simplified installation.

Optional shaft encoders attached to output shaft give 1 pulse or 3 pulse per degree output. Quadrature and grey scale encoders with outputs to 7 pulses per degree also available.

Oil filled, pressure compensated housings manufactured from hard anodized 6061-T6 aluminum. Output shafts manufactured from passivated Type 303 stainless steel.

Custom configurations include alternate voltages, subsea connectors, torque ratings, rotational speeds, mountings, depth ratings, etc.



Output

60 ft-lbs (80nm)
0-90° / sec @ 1.5A
0-45° / sec @ 1.0A

Input

150 VDC Power
Power ground
+/-5 V speed command
12V instru. power
Signal ground

Weight

5.5lb (2.5kg) in air
4.2lb (4.8kg) in water

Depth

2,750ft (850m) std,
5,000ft (1,500m) &
Full ocean depth opt'n'l

Specifications subject to change without notice