

MODEL 218

DC LINEAR ACTUATOR

Subsea DC brushless Linear Actuator ideally suited for manipulators, control surfaces, pan & tilts, tool packages & other subsea applications.

Model 218 delivers 250lbs.(115kg) force with 4in. (100mm) stroke @ 150VDC. Other models with up to 2,200lbs. (1,000kg) force and 40in. (1 meter) stroke and voltages from 48-260VDC.

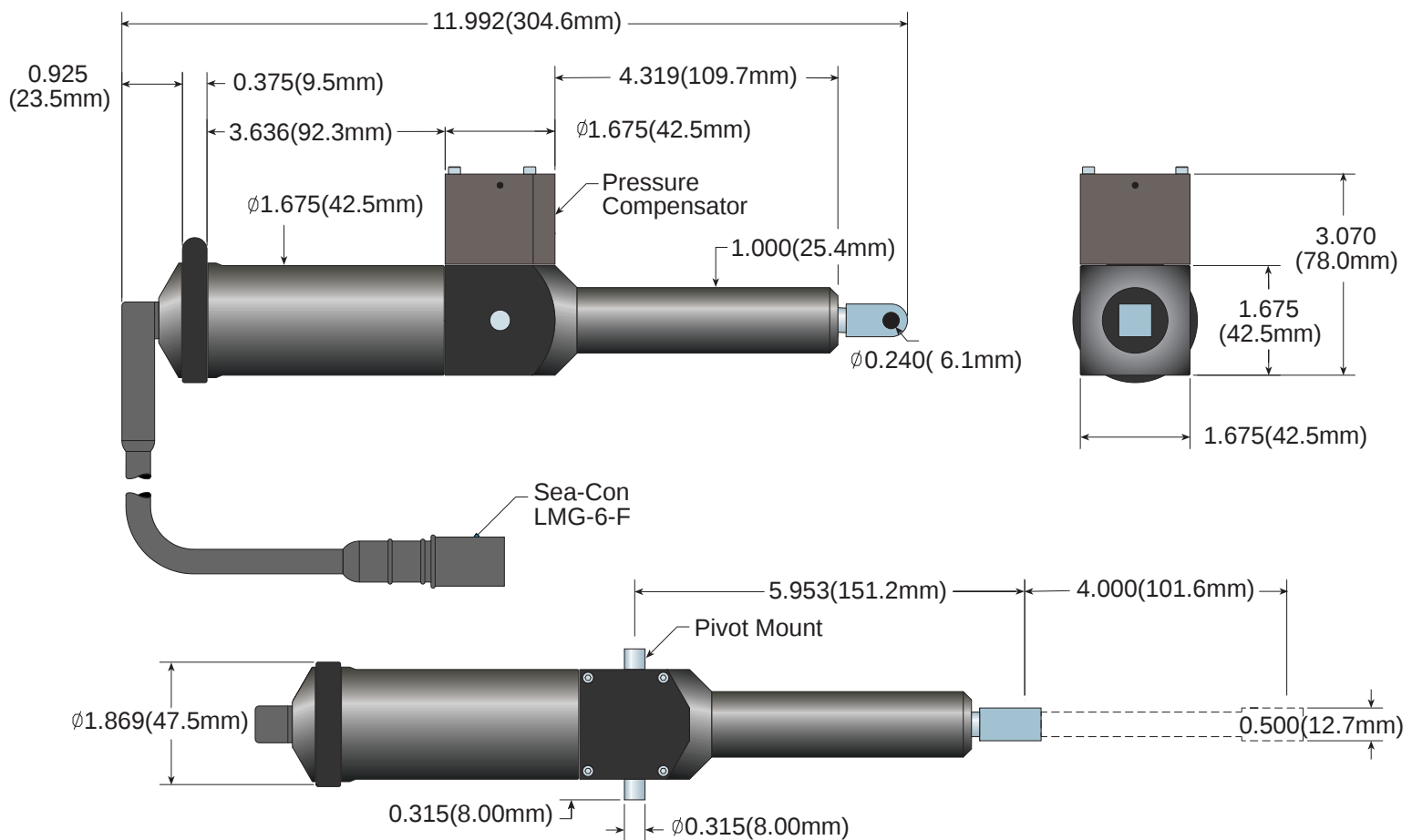
Variable speed from 0-2in. (0-50mm) / second with +/-5 volt control signal.

Oil filled with built in pressure compensator rated to 3,000 meters depth. Other depth ratings available.

Pressure tolerant electronics fully self contained within actuator assembly.

Hard anodized aluminum, stainless steel and Delrin construction.

Custom configurations include alternate forces, travels, speeds, subsea connectors, mountings & depth ratings, etc.



Output
115 kg force
100mm travel
0-50mm / second speed

Input
150 VDC, 3A Main power
+/-5 volt control signal
+12 volt instrumentation power

Weight
3.0 lb (1.4 kg) in air
2.1 lb (1.0kg) in water

Depth
10,000ft (3,000m) std.
other depths optional

Specifications subject to change without notice