

GSE101-0000-05

LINEAR ACTUATOR



A variant of GSE101-000-00 where mechanical joint geometry and operating range are customized for the application. Includes a linear absolute positioning sensor and anti-rotation system.

KEY FEATURES

- > Linear absolute positioning sensor
- > Anti-rotation system

APPLICATIONS



Missiles - Control surface actuation
Rockets - Thrust vectoring

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Actuator Specifications

Nominal Voltage 24 V or 48 V

Dimensions \varnothing 50 x 160 mm

Rated Speed 180 mm/s

Rated Force 2,500 N

Stroke 71 mm

Rated Output Power 450 W

Mechanical Stroke 72 mm

Static Load Limit 5,500 N

Operating Temperature -40°C to +72°C

Ball Screw Diameter 12 mm

Ball Screw Lead: 4 mm

Weight: 1.8 kg

Motor - Gearbox Mount Type Inline

Feedback Hall Sensor + Encoder + Potentiometer

