



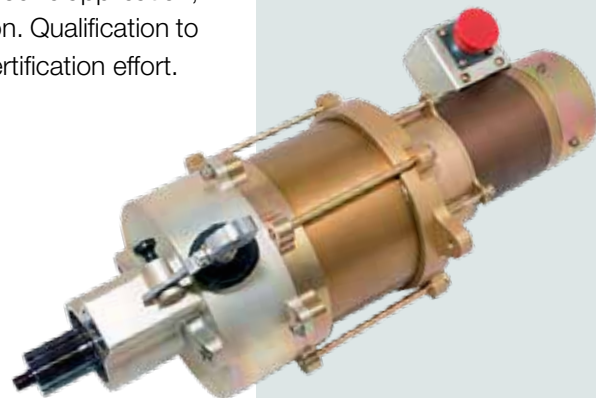
GM50A Rotary Actuator

DESCRIPTION

A versatile and powerful rotary actuator, the GM50A is suited to a wide variety of aerospace applications. Torque of 364 ft-lb operating and 530 ft-lb limit provides substantial power for your hoisting, door actuation, and cargo needs. The 28V DC permanent magnet motor and reduction gear train can be custom tailored to provide the torque and speed required for your specific application, and the mechanical disconnect allows freewheeling operation. Qualification to RTCA DO-160G and FAA 14 CFR Part 25 simplifies your certification effort.

FEATURES

- Rotary actuator with integral geartrain
- 364 lb-ft rated load at 6-9 RPM
- 1060 lb-ft ultimate load
- Tunable and scalable per application
- 28V DC
- Permanent magnet brushed motor
- 21 lbs
- Totally enclosed, impervious to water, fluids, and sand/dust
- Qualified to RTCA DO-160G and FAA 14 CFR Part 25
- Slip clutch to control over torque
- Mechanical disconnect clutch for manual operation



Applications

- Cabin Entry Door
- Winch
- Hoist
- Cargo Conveyance
- Landing Gear

AMETEK[®]
AEROSPACE & DEFENSE
www.ametekaerodefense.com

4550 Southeast Boulevard • Wichita, KS 67210 U.S.A.
 E-mail: aerosales@ametek.com

SALES:
North America
 Tel: +1 316-522-0424 • Fax: +1 316-522-0237
Europe
 Tel: +33 1 30 68 89 12
Asia Pacific
 Tel: +65 6484 2388