



Precise & Reliable E-M Actuation Solutions

Kearfott's utility actuation solutions are designed for a variety of applications. These include door actuation for passenger, cargo, and air-scoop doors to provide cooling or air intakes; cargo roller actuation for powered cargo handling; and general rotary and linear actuators for virtually any electric utility actuation application.

Kearfott's actuators integrate a variety of technologies into one common package. The company's custom position sensors and motors are combined with analog or digital electronics to provide the functionality needed for many demanding applications.

Features & Benefits

- ✓ Zero Maintenance
- ✓ Environmentally Sealed
- ✓ 85% Efficiency Typical for Many Applications
- ✓ In-House Rapid Prototyping
- ✓ Many Interface & Feedback Options
- ✓ Weight-Optimized Solutions Available

Utility Actuation Product Specifications

<i>Typical Performance Characteristics</i>	
Output Force	10-10k+ lbs
Torque	10-10k+ in-lb
Speed	200°/s
Voltage	28-270+
Current	Configurable Depending on Application
Available Features	Failsafe Brake, EM & Overload Slip Clutches
Operating Temperature Range	-55 to 70°C (-67 to 158°F)
Frequency Response	10+ Hz
Standard Accuracy	±0.01 in
Command Interface (closed-loop position/rate)	Serial (RS485), Analog
Feedback Options	Resolver, VDT, Potentiometer