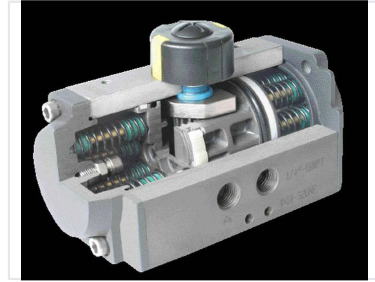


Pneumatic Actuator with Extruded Aluminum Body

This pneumatic actuator features a robust extruded aluminum body for durability. It is designed for precise control of pneumatic systems in industrial applications, offering efficient linear or rotary motion.



Product Overview

High-Performance Pneumatic Actuator

This pneumatic actuator is engineered with an extruded aluminum ASTM6005 body, featuring both internal and external corrosion protection for enhanced durability. Its dual-piston, rack-and-pinion design ensures compact construction, high-cycle life, and rapid operation. Designed for versatility, it allows for easy field-reversible rotation and utilizes modular, preloaded spring cartridges for increased safety and reliable performance in industrial applications.

Construction & Design

Body Material	Extruded Aluminum ASTM6005
Design Type	Dual piston rack and pinion
Key Features	Corrosion Protected, Honed Cylinder Surface, Low Friction, Symmetric Mounting, Field Reversible

Mechanical Details

Mechanical Components

- Multiple bearings and guides on racks and pistons
- Fully machined piston teeth
- Modular preloaded spring cartridge
- Coated springs

Port Specifications

0.25 NPT

Air Inlet/Outlet Port

Performance

Performance Metrics

High-Cycle Life • Low Backlash • Maximum Efficiency • Fast Operation