

180 Degree Pneumatic Rotary Actuator

This pneumatic actuator is designed for 180-degree rotation in valve automation applications. It operates with an air supply pressure range of 0.25 to 0.8 MPa.



ADDITIONAL IMAGES



Overview

High-Performance Rotary Actuation

This double-acting rack and pinion pneumatic actuator is engineered for robust performance in demanding industrial environments. Featuring a versatile 180-degree rotation capability, it provides precise control for valve automation and various rotary motion applications. Built with advanced anti-corrosion technology and high-quality materials, this actuator ensures long service life and reliability in diverse operational settings.

Technical Specifications

Rotation Angle	180 degrees
Air Supply Pressure	0.25 - 0.8 MPa
International Standards	NAMUR, ISO5211, DIN3337

Construction & Materials

Surface Treatments

Anodized • Epoxy • PTFE • Nickel plated

Body Material	Die-cast aluminum (ASTM6005)
Output Shaft Material	Nickel plated alloy steel or stainless steel
Fasteners	Stainless steel

Features

Key Features

- Rack & pinion design for quick action
- Symmetrical installation for easy steering changes
- Antifriction sliding bearings
- Fine grinding process on inner surface
- Advanced anti-corrosion technology