

# Pneumatic Actuators

## Specifications

**Series 79 P:** Type – Double Piston, Double Rack and Pinion

Bodies – Aluminum, Glass-filled Polyamide, and 316 ss

Torque – 59 to 40,710 in-lbs

Models – Air-to-Air

Spring Return (Fail Open)

Spring Return (Fail Closed)

Air Supply – 60 psi – 120 psi

Air Connections – 1/4" NPT

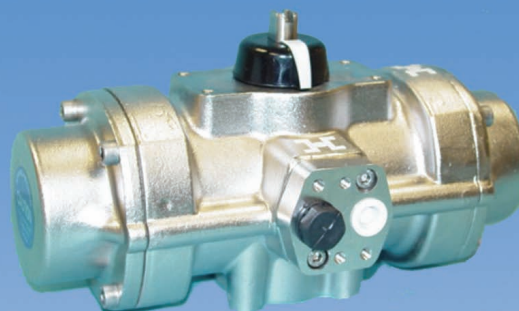
Mounting Dim. – ISO and NAMUR



**Series 79P (Aluminum)**



**Series 79P (Glass-filled Polyamide)  
with solenoid valve**



**Series 79P (316 Stainless Steel)**

## Standard Features

- Actuator body and end caps constructed of Glass-filled Polyamide (PAG), Aluminum encompassed in a 2-part Cataphoresis and Rilsan finish, or 316 Stainless Steel
- Double piston, double rack and pinion
- ISO valve mounting pattern
- ISO Female star output drive
- NAMUR accessory mounting pattern
- 80psi (recommended) to 120psi (maximum) filtered air supply
- Spring return models have cataphoresis coating, or chromium passivation for spring protection
- Available in air-to-air (double acting) and air-to-spring (single acting, or spring return failsafe) models
- Position indication through visible indicator knob and flats on actuator shaft
- Actuator shaft constructed of Cataphoresis coated steel or Stainless Steel with double o-ring seals top and bottom
- End position adjustable travel stops
- Polyacetal or PTFE/Bronze piston guides
- Self-lubricating BUNA-N o-ring seals
- -25 F – 195 F temperature range
- 1/4" NPT air connections

## Options

- Sizing for low air supply pressure (60psi)
- Direct mount NAMUR solenoids in various Type and voltage ratings (solenoids piped in a closed loop design)
- NAMUR double limit switches in various Type and voltage ratings
- NAMUR pneumatic positioners (3-15psi)
- NAMUR electro-pneumatic positioners (4-20mA)
- Limit switch or transmitter available for positioners
- Bus systems