

Valve
Actuation

Steam

Instruments

Hot Water

Industrial
PVF



**YOUR MOST
VALUABLE PARTNER**

**FOR A-T CONTROLS
RACK & PINION
ACTUATORS**

PipeValves
Since 1963

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800.467.7122

Warning: Do not use this literature in place of reading, understanding, and following the manufacturer's spec sheets and operator's manual instructions which are available on their website.



Rack & Pinion Actuators: 2R Series

Description:

TRIAC® pneumatic rack and pinion actuators are designed and manufactured to provide the highest cycle-life on the market. We can accessorize them to accomplish virtually any control requirement. They are available with various mounting dimension configurations and span eleven models for appropriate torque compatibility.

Performance Range:

- Standard working temperature -20°F to 175°F
- Low and high temperature options
- Maximum working pressure 150 psig
- Operating media: clean, dry air, non-corrosive gas or light hydraulic oil
- Air supply 40 psi - 150 psi
- Rotation 100°
- Double Acting or Spring Return
- Torques to 36,000 in. lbs.

Features:

- Common end caps for DA and SR
- Substantial pinion bearings mean high cycle life
- Corrosion resistant hard-anodized aluminum finish
- Standard accessory mounting; NAMUR, VDI/VDE 3845
- Standard valve mounting pad: ISO 5211 (models TR10 - 2R3500)
- Wide base for direct mount to many butterfly valves
- Custom Mounting configurations available in quantity
- Permanently lubricated units
- Each unit serialized



NEW

Stainless Steel Rack & Pinion Actuators (S2 Series)

Description:

TRIAC® Series S2 Stainless Steel Rack and Pinion Actuators offer an economical solution to harsh chemical environments and the corrosion resistant requirements of the pharmaceutical, food, beverage, pulp and paper, and petrochemical industries.

Features:

- 316 Stainless Steel body, pinion and pistons
- Dual Travel Stops, providing adjustment in both open and closed positions
- Direct Mount
- ISO5211 mounting dimensions
- NAMUR accessory mounting
- Electropolish finish
- Double acting and spring return
- Standard working temperature -40°F to 175°F
- Maximum working pressure 150 psig



SSA Series

Stainless Steel Rack & Pinion Actuators

Description:

TRIAC® Stainless Steel Rack and Pinion Actuators offer an economical solution to harsh chemical environments and the corrosion resistant requirements of the pharmaceutical, food, beverage, pulp and paper, and petrochemical industries.

Features:

- 316 Stainless Steel body, pinion and pistons
- ISO5211 mounting dimensions
- NAMUR accessory mounting
- Electropolish finish
- Double acting and spring return
- Standard working temperature -20°F to 175°F
- Maximum working pressure 150 psig
- Permanently lubricated



180° Pneumatic Rack & Pinion Actuators

Description:

With torques from 370 in-lbs to 9300 in-lbs, the TRIAC® 180-AL Series Actuators are ideal for multi-port (3, 4, 5 way) valves, ball valves, 3-way plug valves, conveyor diverters, bulk material diverters and any other application requiring reliable pneumatic torque over a 180° rotation.

Features:

- 370 in-lbs. to 9300 in-lbs.
- Hard-anodized aluminum housings
- Die cast aluminum pistons
- Delrin wear pads and nitrile seals
- Namur accessory dimensions
- ISO5211 mounting












Options and Accessories:

- 120° adjustable stops (for diverters)
- 3-position control circuits
- Complete the package with a solenoid valve, limit Switch, positioner, filter regulator, or mounting hardware kit



Valuable Services

Pipe Valves offers the quality products and the best services to improve your bottom-line performance.

-  Pipe Shop: We cut, bevel, groove, and thread
-  Energy audits, steam trap surveys, live steam lab demonstrations
-  Daily local truck routes, emergency delivery options
-  Phone, counter, email, fax and e-commerce ordering options
-  Express sales counter pickup and tool rental
-  Vendor Managed Inventory options customized to your needs
-  Product specialists and staff engineers assist with problem solving
-  Kitting Services - we can bag and tag to your specifications
-  Bin management, bar code scanning and labeling solutions available
-  PV University Classes, Where Seeing Is Believing: Actuation, Valves, Steam
-  24/7 emergency service available in many areas

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