

Pneumatically Actuated Stainless Steel Ball Valves

3-Piece Stainless Steel Ball Valve



Features

- Blow-out proof stem
- Live-loaded stem packing
- ISO 5211 mounting pad

Materials

- Body, ends and ball: CF8M stainless
- Seats: RTFE
- Seals: PTFE

Specifications

- Pressure rating:
 - 1/4" - 2" **1000 PSI WOG**
 - 2-1/2" - 3" **800 PSI WOG**
- Temperature range:
 - 1/4" to 2": **-40°F to 350°F (-40°C to 177°C)**
 - 2-1/2" to 3": **-40°F to 325°F (-40°C to 163°C)**

2-Piece Rack and Pinion Actuator

Features

- NAMUR mounting
- Bi-directional stops for $\pm 5^\circ$ travel adjustment
- Visual position indication
- Tested to one million cycles
- For spring return actuators must note fail position

Materials

- Body: hard anodized aluminum
- Anti-blowout pinion: nickel plated anti-blowout pinion
- O-rings: Nitrile rubber

Specifications

- **80 PSI** plant air required
- Maximum operating pressure: **120 PSI**
- Temperature range:
 - 40°F to 200°F (-40°C to 93°C)**

3-Piece

3-Piece Stainless Steel Ball Valve



Features

- Blow-out proof stem
- Live-loaded stem packing
- ISO 5211 mounting pad
- Swing-out design allows easy maintenance

Materials

- Body and ball: CF8M stainless steel
- Stem: 316 stainless steel
- Seat: RTFE

Specifications

- Maximum pressure:
 - 1/4" - 2": **1,000 PSI WOG at 65°F**
 - 2-1/2" - 3": **800 PSI WOG at 65°F**
 - 4": **600 PSI WOG at 65°F**
- Temperature range:
 - 1/2" to 2": **-40°F to 350°F (-40°C to 177°C)**
 - 3" to 4": **-40°F to 325°F (-40°C to 163°C)**

Rack and Pinion Actuator

Features

- NAMUR mounting
- Bi-directional stops for $\pm 5^\circ$ travel adjustment
- Visual position indication
- Tested to one million cycles
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Materials

- Body: hard anodized aluminum
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Specifications

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 - 40°F to 200°F (-40°C to 93°C)**

A wide variety of options are available: spring return (normally closed) and double acting actuators, switches, solenoids, positioners, etc. Contact Dixon® Sanitary at 800.789.1718.

Even though there are torque safety factors built into our automated ball valve packages, actual service conditions must also be considered when selecting the proper product for the appropriate application. For example: Severe service conditions such as dirty water, dirty air, all slurries, raw sewage water, oils, and other viscous fluids can have a dramatic effect in raising the torque requirements of ball valves as much as 75% and therefore larger actuators may be required. Please consult Dixon when dealing with these types of applications.

