Automated Ball Valve - Three-Piece SS Sanitary

**OPTIONS**

- 240 grit internal polish
- Ideal sanitary ball valve for high purity applications including food & beverage, aluminum for years of corrosion free service.

The pneumatic double acting actuator uses an air supply to drive the valve open and closed. The actuator has two supply ports with one driving the valve open and the other driving the valve closed. Spring return pneumatic actuators use the air supply to open the valve and internally loaded springs return the valve to the closed position. Also available is the 3V1 solenoid valve to electrically switch the air supply pressure between the air supply ports for opening and closing the valve. Actuators are constructed of anodized and epoxy coated aluminum for years of corrosion free service.

**FEATURES**

- Ideal sanitary ball valve for high purity applications including food & beverage, pharmaceutical and biotech industries
- 3-piece stainless steel investment cast body
- 240 grit internal polish
- Polished clamp end to sanitary finish
- Cavity filler to reduce the threat of product entrapment

**SPECIFICATIONS**

**Body:** 3 – piece.

**Line Size:** 1/2˝ to 4”.

**End Connections:** Tri-Clamp.

**Pressure Limit:** 1/2˝ to 2˝: 1000 psi (69 bar) WOG; 2-1/2˝ to 4”: 800 psi (55 bar) WOG.

**Wetted Materials:** Body, end cap, stem: 316 SS; Ball: 316 SS; Seat, stem seal: PTFE; Body seal, thrust washer: PTFE.

**Temperature Limit:** 0 to 150°F (-18 to 65°C).

**Power Requirements:** 120 VAC, 50/60 Hz, single phase. Optional 220 VAC, 24 VAC, 12 VDC, and 24 VDC.

**Power Consumption (Locked Rotor Current):** Two position: 1/2˝: 0.55A, 3/4˝ to 2˝: 0.75A, 2-1/2˝ and 3˝: 1.1A, 4 °F. 1.5A. Modulating: 1/4˝ to 3/4�: 0.55A, 1 to 1-1/2": 0.75A, 2": 0.75A, 2-1/2": 0.75A, 3": 1.1A, 4 °F. 1.5A.

**Cycle Time (per 90°):** Two position: 1/2˝: 2.5 sec, 3/4˝ and 1˝: 5 sec, 1-1/2˝: 15 sec, 2˝: 20 sec, 2-1/2˝ to 4”; 30 sec.

**Duty Cycle:** Electric two position 1/2˝: 75%; All Others: 25%; Modulating: 75%.

**Enclosure Rating:** NEMA 4. Optional NEMA 7.

**Housing Material:** Aluminum with thermal bonding polyester powder finish.

**Valves, Ball**

**Optional Electric Actuator Supply Voltages**
- Contact factory for model number change

**Solenoid Valve** - See Model 3V3.