The Series 3BV3SH 3-Way Stainless Steel Sanitary Ball Valve features sanitary clamp ends allowing for easy line removal. Ideal for use in pharmaceutical, food & beverage, and chemical processing systems. Full port design provides consistent flow characteristics. An ISO 5211 mounting pad is provided for easy automation when attached with an electric or pneumatic actuator. Ball and stem are constructed of quality 316 SS.

**OPERATIONS**

**Manual Operations** - To operate the valve, turn the handle 90° (1/4 turn).
- Valve in position 1: the handle is parallel (in line) with the valve pipeline.
- Valve in position 2: the handle is perpendicular (crossed) with the valve or pipeline.

**Automated Operation** - Valves with actuators should be checked for stem alignment. Most applications are direct mount to the actuator, greatly reducing any sideload or increased torque. Make sure that all insert adapters are properly placed on the valve stem and fully engaged in the actuator.

**INSTALLATION**

**General Information for On-Site Installation** - The valve may be fitted in any position in the pipeline. For automated operation, W.E. Anderson recommends that the valve and actuator be installed vertically in case of valve leakage, although this is not necessary for proper operation of the valve. Prior to installation, inspect valve and pipe ends to make sure they are free from debris. Materials trapped inside the valve can cause damage to the seats and result in leakage. Use proper clamp and gasket for pressure range. Place gasket o-ring into groove on ends of the valve. While making sure gasket stays in place, slide the valve in between the clamp fittings. Install clamp over ends, check alignment, and tighten all clamps on valve ends. Check for proper valve operation before use.

**SPECIFICATIONS**

- **Service**: Compatible liquids and gases.
- **Line Size**: 1/2 to 3”.
- **End Connection**: Sanitary clamp.
- **Pressure Limit**: 1000 psi (69 bar).
- **Wetted Materials**:
  - Body and ends: CF8M;
  - Ball and stem: 316 SS;
  - Seat: PTFE.
- **Temperature Limit**: 450°F (232°C); 366°F (186°C) steam maximum.
- **Other Materials**:
  - Belleville washer: 301 SS;
  - Gland ring, lever nut, locking tab, handle, stop bolt, and bolts: 304 SS;
  - Anti-static device and spring: 316 SS;
  - Joint gasket, gasket, and seal: PTFE;
  - O-ring: FKM.

**WARRANTY**

The Series 3BV3SH warranties from defects in materials and workmanship are covered for (1) year from the date of purchase. In the unlikely event the valve should fail, the unit can be returned to the factory for warranty repair if the warranty period has not expired. Be sure to include a brief description of the problem plus any relevant application notes. Contact our customer service department for an RGA number and to set up the return.