Three-Piece Sanitary Ball Valve

FEATURES
- Ideal sanitary ball valve for high purity applications, including food & beverage, pharmaceutical and biotech industries
- Three-piece SS investment cast body
- Polished clamp end to sanitary finish
- PTFE cavity filler to reduce the threat of product entrapment

SERIES BV3HL Sanitary Ball Valves feature sanitary clamp ends for easy line removal. The sanitary polish is ideal for use in pharmaceutical, food & beverage, and chemical processing systems. PTFE-filled cavities aid to reduce product entrapment, while the full bore design provides consistent flow characteristics. The swing-out design of the valve allows for maintenance of the center section while leaving the ends clamped in place. Superior leak protection is accomplished by using a live-loaded packing system. An ISO 5211 mounting pad is provided for easy automation when combined with an electric or pneumatic actuator.

SPECIFICATIONS
- Service: Compatible liquids and gases.
- Body: 3-piece.
- Line Size: 1/2” to 4”.
- End Connections: Sanitary clamp (liner meets BS 4825, part 3).
- Pressure Limits: 1000 psi (69 bar) WOG.
- Wetted Materials: Body, end caps: CF8M SS; Stem: 316 SS; Seats, body seal, thrust washer, packing: PTFE.
- Temperature Limits: -40 to 450° (-40 to 232°C) CWP. 297°F (147°C) steam maximum.
- Other Materials: 304 SS, vinyl.

Series BV3HL-3A Sanitary Ball Valves are designed to meet 3A standards and feature sanitary clamp ends for easy line removal. The sanitary polish is ideal for use in pharmaceutical, food & beverage, and chemical processing systems, while the cavity filler aids to reduce product entrapment, and the full bore design provides consistent flow characteristics. The swing-out design of the valve allows for maintenance of the center section while leaving the ends clamped in place. Superior leak protection is accomplished by using a live-loaded packing system. An ISO 5211 mounting pad is provided for easy automation when combined with an electric or pneumatic actuator.

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- Agency Approvals: Meets 3A.