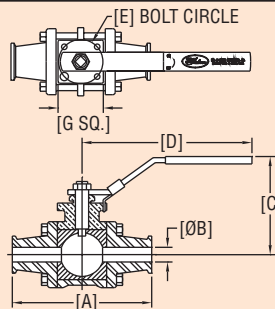
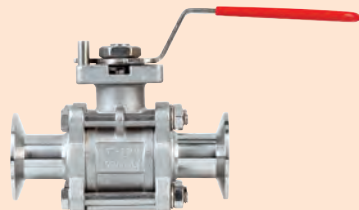




Series
BV3HL

Three-Piece Sanitary Ball Valve

Hand Lever, Stainless Steel Construction, Cavity Filled



Dimensions

| Size (in.) | ISO 5211 | A (in.) | B (in.) | C (in.) | D (in.) | E (in.) | G (in.) | Cv | Torque (in-lb) | Weight lb (kg) |
|------------|----------|---------|---------|---------|---------|-----------|---------|------|----------------|----------------|
| 1/2" | F03-F04 | 4.33 | 0.37 | 2.05 | 3.94 | 1.42/1.65 | 1.46 | 14 | 60 | 1.4 (0.64) |
| 3/4" | F03-F04 | 4.68 | 0.63 | 2.24 | 5.16 | 1.42/1.65 | 1.46 | 45 | 80 | 2.0 (0.91) |
| 1" | F04-F05 | 4.88 | 0.87 | 2.36 | 5.16 | 1.65/1.97 | 1.87 | 81 | 100 | 2.9 (1.3) |
| 1-1/2" | F05-F07 | 5.55 | 1.37 | 3.54 | 7.36 | 1.97/2.76 | 2.20 | 215 | 380 | 5.7 (2.6) |
| 2" | F05-F07 | 6.37 | 1.87 | 5.51 | 7.36 | 1.97/2.76 | 2.20 | 410 | 450 | 9.0 (4.1) |
| 2-1/2" | F07 | 7.76 | 2.07 | 5.91 | 10.24 | 2.76 | 3.15 | 618 | 650 | 19.3 (8.8) |
| 3" | F07 | 9.02 | 2.87 | 6.10 | 10.24 | 2.76 | 3.15 | 940 | 900 | 31.2 (14.2) |
| 4" | F10 | 9.49 | 3.83 | 7.09 | 11.24 | 4.02 | 4.26 | 1840 | 1632 | 43.7 (19.8) |

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.

FEATURES

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

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, ball, end caps: CF8M SS; Stem: 316 SS; Stem seal: Fluoroelastomer; 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.

| Size | Model |
|--------|-----------|
| 1/2" | BV3HL02TC |
| 3/4" | BV3HL03TC |
| 1" | BV3HL04TC |
| 1-1/2" | BV3HL06TC |
| 2" | BV3HL07TC |
| 2-1/2" | BV3HL08TC |
| 3" | BV3HL09TC |
| 4" | BV3HL10TC |