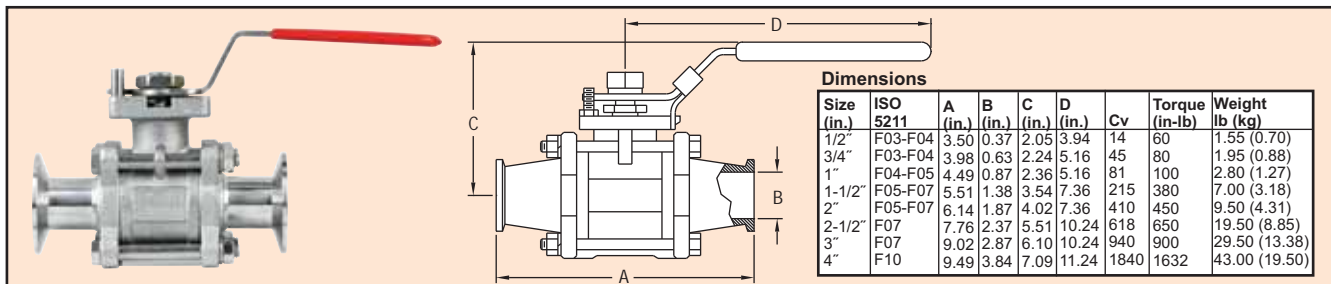




Series  
BV3HL-3A

# Three-Piece Sanitary Ball Valve

## Hand Lever, Cavity Filled, Meets 3A Sanitary Standards



Dimensions

Size (in.)	ISO 5211	A (in.)	B (in.)	C (in.)	D (in.)	Cv	Torque (in-lb)	Weight lb (kg)
1/2"	F03-F04	3.50	0.37	2.05	3.94	14	60	1.55 (0.70)
3/4"	F03-F04	3.98	0.63	2.24	5.16	45	80	1.95 (0.88)
1"	F04-F05	4.49	0.87	2.36	5.16	81	100	2.80 (1.27)
1-1/2"	F05-F07	5.51	1.38	3.54	7.36	215	380	7.00 (3.18)
2"	F05-F07	6.14	1.87	4.02	7.36	410	450	9.50 (4.31)
2-1/2"	F07	7.76	2.37	5.51	10.24	618	650	19.50 (8.85)
3"	F07	9.02	2.87	6.10	10.24	940	900	29.50 (13.38)
4"	F10	9.49	3.84	7.09	11.24	1840	1632	43.00 (19.50)

### Series BV3HL-3A Sanitary Manual Ball Valves

- Designed to meet 3A sanitary standards.
- Ideal sanitary ball valve for high purity applications, including food & beverage, pharmaceutical and biotech industries.
- Three-piece stainless steel investment cast body.
- 15RA internal bore polish.
- Polished clamp end to sanitary finish.
- TFE cavity filler to reduce the threat of product entrapment.

**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.

### 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. Seats, Body Seal, Thrust Washer, Packing: TFE.

**Temperature Limits:** -40 to 450°F (-40 to 232°C) CWP. 297°F (147°C) steam maximum.

**Other Materials:** 304 SS, vinyl.

**Agency Approvals:** Meets 3A.

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