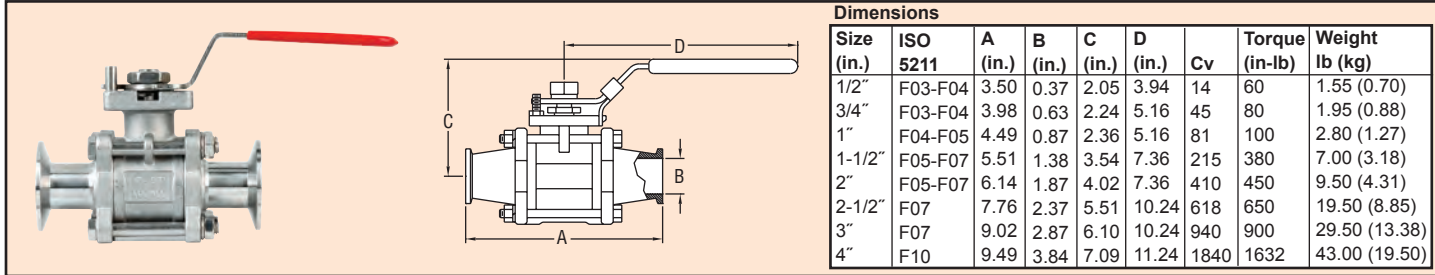




Series
BV3HL-3A

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 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.

FEATURES

- 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

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