



Series
BV2M

Two-Piece Stainless Steel Ball Valve

Full Port, 1000 psig (69 bar)

DIMENSIONS (in)

Size	A	B	C	D	E	F	G (UNC)	Cv	Torque (in-lbs)
1/4"	2.00	0.38	1.97	3.78	1.125	0.500	10-24	6	30
3/8"	2.00	0.46	1.97	3.78	1.125	0.500	10-24	7	30
1/2"	2.40	0.50	1.97	3.78	1.125	0.500	10-24	10	40
3/4"	2.95	0.79	2.52	5.12	1.375	0.875	10-24	24	80
1"	3.42	0.98	2.60	5.91	1.375	0.875	10-24	45	120
1-1/4"	3.97	1.26	3.11	5.91	1.500	1.000	1/4-20	90	240
1-1/2"	4.33	1.50	3.26	6.69	1.500	1.000	1/4-20	125	420
2"	5.19	1.97	3.70	6.69	1.500	1.000	1/4-20	190	560
2-1/2"	6.57	2.56	4.52	9.05	2.750	1.375	1/4-20	240	1100
3"	7.60	3.15	4.92	9.05	2.750	1.375	1/4-20	425	1600

The Series BV2 is the economical choice for high quality, stainless steel ball valves for use in chemical, petrochemical, pulp and paper and general applications. The Series BV2 body and endcaps are constructed of investment cast stainless steel, while stem is 316 SS. Seats and body seals are 15% glass reinforced PTFE providing broad media compatibility and bubble tight shutoff to 1000 psig (69 bar). Internally loaded, blowout-proof stem provides safety in the event of overpressure. Full port design allows for maximum Cv with minimal pressure drop. Integral actuator mounting pads allows for ease of automation.

For actuated versions of this valve see pages 396-397 of the catalog.

SPECIFICATIONS

End Connections: Female NPT.

Pressure Limits: 1000 psi (69 bar) WOG, 150 psi (10.3 bar) SWP.

Wetted Materials: Body, Ball, End Cap: CF8M SS; Stem: 316 SS; Seat, Thrust Washer: RTFE; End Gasket, Stem Packing: PTFE.

Temperature Limits: -20 to 450°F (-29 to 232°C).

Size	Model	Size	Model
1/4"	BV2M100	1-1/4"	BV2M105
3/8"	BV2M101	1-1/2"	BV2M106
1/2"	BV2M102	2"	BV2M107
3/4"	BV2M103	2-1/2"	BV2M108
1"	BV2M104	3"	BV2M109