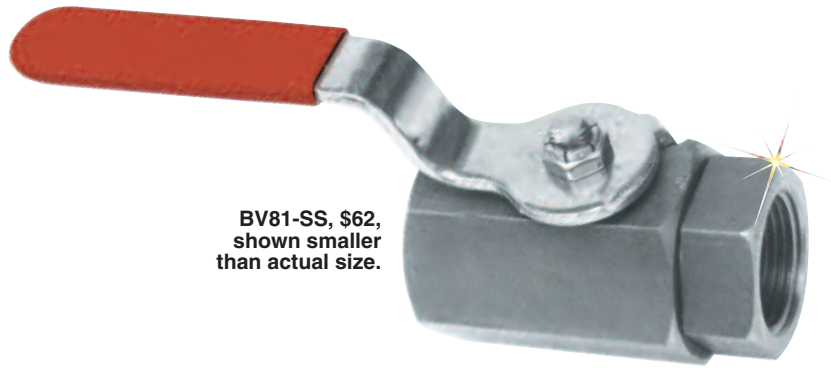


BALL VALVES WITH LEVER HANDLE

BV80 Series
Starts at
\$33



BV81-SS, \$62, shown smaller than actual size.

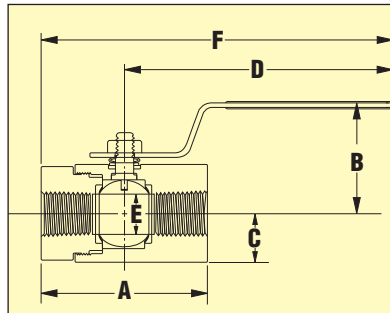
- ✓ **Self Compensating Valve Stem Seal Design Ensures Long, Leak-Tight Maintenance Free Service**
- ✓ **Full Thread Length Compliance with ANSI B1.20.1 Specification Allows More Flexibility in L1 (hand) and L3 (wrench) Pipe Makeup for Handle Orientation and or Positive Sealing with Lesser Quality Mating Pipe Threads**
- ✓ **Machined Reinforced PTFE Seats and Stem Seal Standard for Uniform Operating Torque and Long Life**
- ✓ **Bar Stock Construction Offers Optimum Material Strength and Consistency**

The BV80 Series is a standard port, two-piece body offered in 1/4 thru 2" pipe size. Proper valve selection is dependent on your flow and functional requirements as well as physical size and value considerations.

The BV80 Series, all internal components, including the polymer seats, are precisely machined to strict tolerances, assuring repeated bubble tight sealing and maximum valve life. Our spring loaded stem seal provides automatic compensation for stem seal wear and thermal expansion and contraction. Each valve is bubble tested to ensure reliable, leak tight performance.

The BV80 Series are ideal for automation when coupled to our compact pneumatic or electric actuators.

The BVP80, BVPS80, and BVPE80 series are ball valves coupled to actuators.

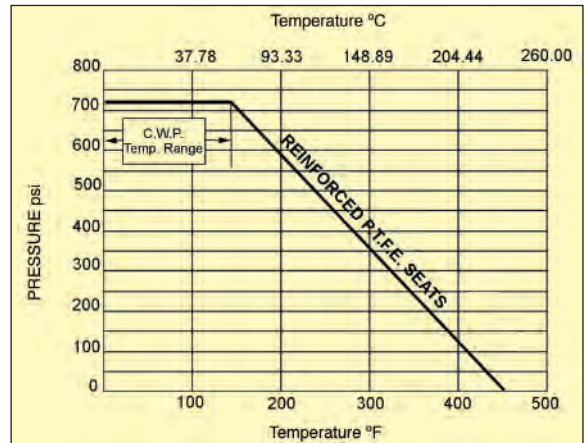


Valve Size	Dimensions - inches					
	A	B	C	D	E	F
1/4 & 3/8	2.22	1.75	0.50	4.0	0.36	5.09
1/2	2.61	1.84	0.59	4.0	0.49	5.30
3/4	2.94	2.00	0.75	5.38	0.62	6.85
1	3.32	2.28	1.00	5.38	0.80	7.04
1 1/4	3.70	2.93	1.06	6.75	0.97	8.60
1 1/2	4.25	3.19	1.31	6.75	1.25	8.87
2	4.57	3.37	1.50	6.75	1.50	9.41

SPECIFICATIONS

Materials of Construction

Body:
 Brass: ASTM B-16
 316SS: ASTM A276
Ball and Stem: 316 SS
Seats and Stem Seal: Glass Reinforced PTFE
Temperature: -45 to 232°C (-50 to 450°F) (see Pressure Temperature Chart)
Pressure: 49.6 bar (720 psi C.W.P.) [Cold Working Pressure to 65.5°C (150°F)] (see Pressure Temperature Chart)
Vacuum: 20 Micron
Saturated Steam: 10.3 bar (150 psi)



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model No.)				
Brass		316 Stainless Steel		FNPT Size
Model No.	Price	Model No.	Price	
BV81	\$33	BV81-SS	\$62	1/4
BV82	33	BV82-SS	62	3/8
BV83	45	BV83-SS	88	1/2
BV84	52	BV84-SS	110	3/4
BV85	76	BV85-SS	156	1
BV86	96	BV86-SS	200	1 1/4
BV87	124	BV87-SS	280	1 1/2
BV88	181	BV88-SS	450	2

Comes complete with operator's manual.

Ordering Examples: BV81, 1/4 FNPT ball valve, \$33. BV85-SS, 1 FNPT 316SS ball valve, \$156.

Recommended Reference Book: Valve Selection Handbook, CM-4449, \$105. Visit omega.com/bobi for Additional Books





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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters