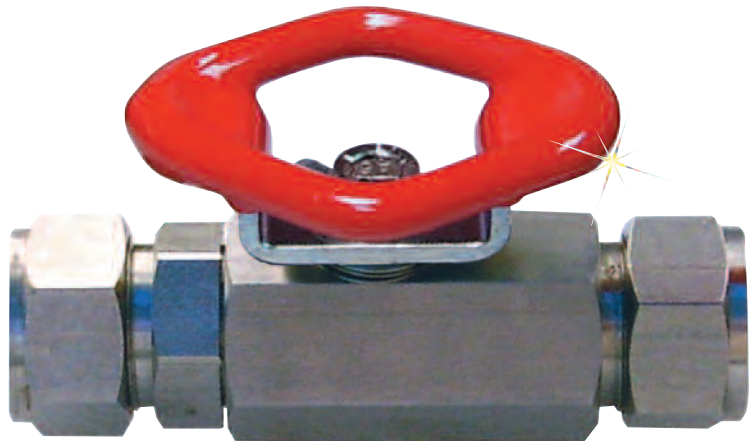


1/4 TO 1" PREMIUM QUALITY, MAINTENANCE FREE TUBE COMPRESSION BAR STOCK BALL VALVES

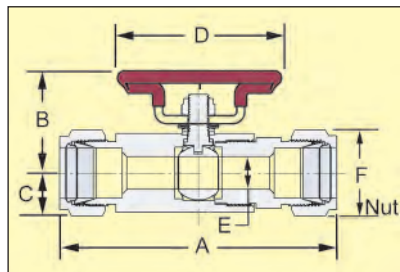
BV70 Series Starts at **\$93**



- ✓ Two Ferrule Compression Fittings for Positive and Repeatable Two-Point Sealing
- ✓ Self Compensating Valve Stem Seal Design Ensures Long, Leak-Tight Maintenance Free Service
- ✓ Assembled Clean and Without Lubricants to Minimize the Possibility of System Contamination
- ✓ Offered with Pneumatic or Electric Actuation or a Variety of Manual Options



BV71-SS, \$127, shown larger than actual size.



Tube Size OD	Dimensions - Inches					
	A	B	C	D	E	F
1/4	3.72	1.58	0.50	2.31	0.19	1/16
3/8	3.70	1.58	0.50	2.31	0.28	1/16
1/2	3.94	1.58	0.50	2.31	0.36	7/8
3/4	4.17	1.67	0.59	3.41	0.49	1 1/8
1	4.92	1.91	0.75	3.41	0.62	1 1/2

The BV70 Series tube compression valves offer an excellent alternative to high pressure models for those applications where a pressure rating of 1,000 psi or less is required. The BV70 Series is offered in both brass and 316 stainless steel bar stock construction in sizes of 1/4 to 1" OD tube and comes equipped standard with reinforced PTFE seats and stem seal and stainless steel balls and stems. The compression joint uses the proven, twin ferrule design to ensure positive two point sealing between the tube and fitting.

The BV70 Series valve is carefully cleaned, assembled without lubricants and then thoroughly tested to ensure leak-tight performance. This process minimizes contamination of the media and helps to protect delicate system instrumentation.

As with all valve products the BV70 Series utilizes our superior self-compensating stem seal design. This proven design automatically compensates for wear as well as thermal expansion and contraction resulting in a leak tight, maintenance free, service life.

The BV70 Series is offered with oval, manual operators but can be easily automated by directly mounting the pneumatic or electric actuators (see BVP70, BVPS70 and BVE70 Series). Both compact automation packages feature rigid, precise mounting systems to reduce wear and ensure long trouble-free service.

SPECIFICATIONS

Materials of Construction

Body: Brass: ASTM B-16
316SS: ASTM A276

Ball and Stem:

316 Stainless Steel

Seats and Stem Seal:

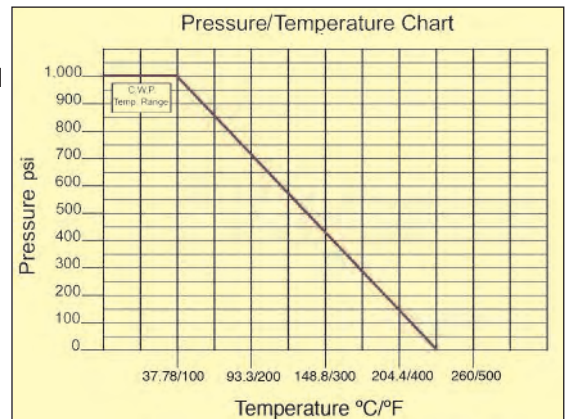
Glass Reinforced PTFE

Temperature: -45 to 232°C (-50 to 450°F) (see Pressure Temperature Chart)

Pressure: 68.9 bar (1,000 psi C.W.P.) [Cold Working Pressure to 65.6°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 Number)

Brass		316 Stainless Steel		Size
Model No.	Price	Model No.	Price	
BV71	\$93	BV71-SS	\$127	1/4
BV72	95	BV72-SS	133	3/8
BV73	100	BV73-SS	146	1/2
BV74	147	BV74-SS	215	3/4
BV75	181	BV75-SS	275	1

Comes complete with operator's manual.

Ordering Examples: BV71, 1/4" brass valve, \$93.

BV74-SS, 3/4" 316 SS valve, \$215.

Recommended Reference Book: Valve Handbook, FW-306, \$135. Visit omega.com/bobi for Additional Books





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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

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• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• 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