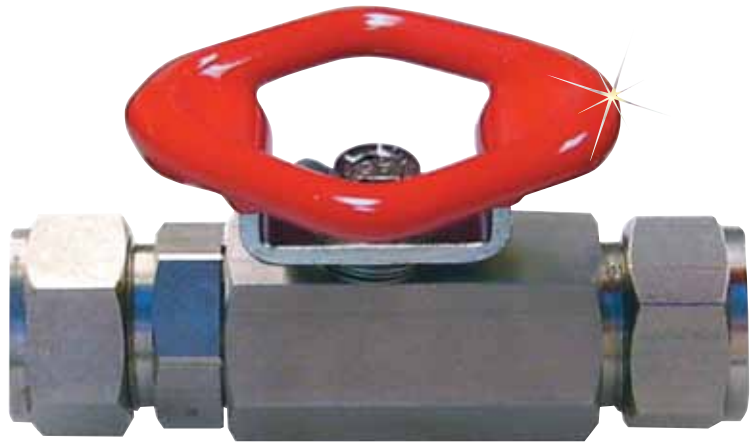


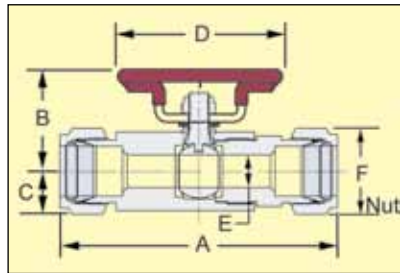
1/4 to 1" PREMIUM QUALITY, MAINTENANCE FREE TUBE COMPRESSION BAR STOCK BALL VALVES

BV70 Series 



BV71-SS shown larger than actual size.

- ✓ 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



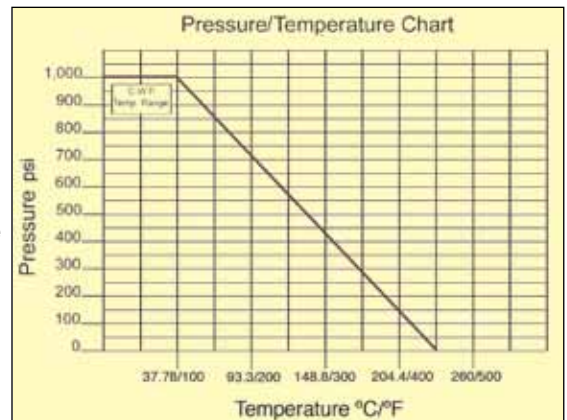
Tube Size OD	Dimensions - Inches					
	A	B	C	D	E	F
1/4	3.72	1.58	0.50	2.31	0.19	9/16
3/8	3.70	1.58	0.50	2.31	0.28	11/16
1/2	3.94	1.58	0.50	2.31	0.36	7/8
3/4	4.17	1.67	0.59	3.41	0.49	1 1/8
1	4.92	1.91	0.75	3.41	0.62	1 1/2

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)

To Order

Brass	316 Stainless Steel	Size
Model No.	Model No.	
BV71	BV71-SS	1/4
BV72	BV72-SS	3/8
BV73	BV73-SS	1/2
BV74	BV74-SS	3/4
BV75	BV75-SS	1

Comes complete with operator's manual.

Ordering Examples: BV71, 1/4" brass valve.
BV74-SS, 3/4" 316 SS valve.