

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

BV70 Series
Starts at

\$80



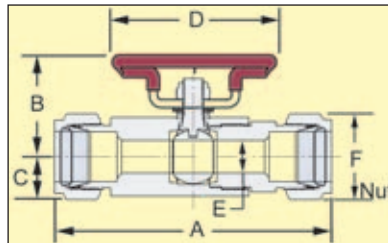
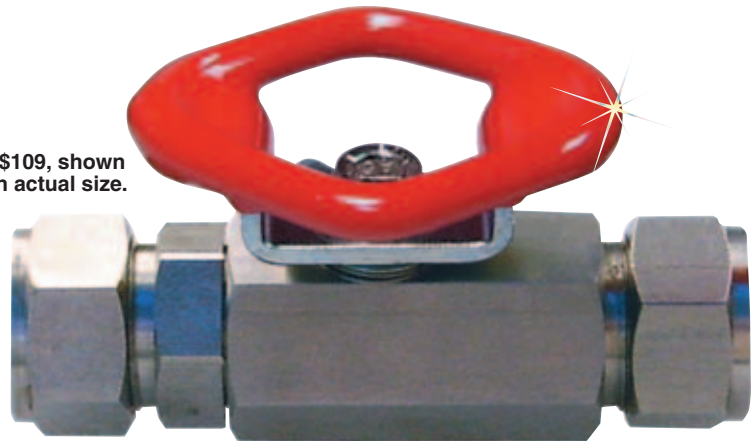
- ✓ Two Ferrule Compression Fittings for Positive and Repeatable Two-Point Sealing
- ✓ Self Compensating Valve Stem Seal Design Ensures Long, Leak-Tight Maintenance Free Service
- ✓ Assembled Clean and Without Lubricants to Minimize the Possibility of System Contamination
- ✓ Offered with Pneumatic or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

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" O.D. 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.

BV71-SS, \$109, 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	1/8
3/4	4.17	1.67	0.59	3.41	0.49	1/8
1	4.92	1.91	0.75	3.41	0.62	1/2

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:

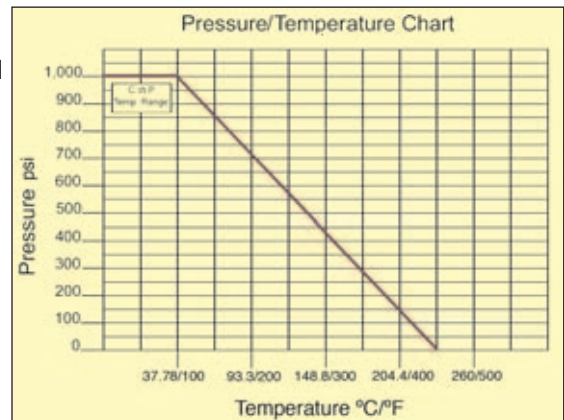
Brass: ASTM B-16
316SS: ASTM A276

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	\$80	BV71-SS	\$109	1/4
BV72	82	BV72-SS	114	3/8
BV73	86	BV73-SS	125	1/2
BV74	126	BV74-SS	184	3/4
BV75	155	BV75-SS	235	1
FW-306	125	Reference Book: Valve Handbook		

Comes complete with operator's manual.

Ordering Examples: BV71, 1/4" Brass Valve, \$80.
BV74-SS, 3/4" 316SS Valve, \$184.



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