

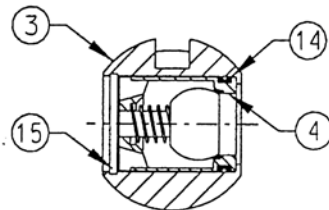
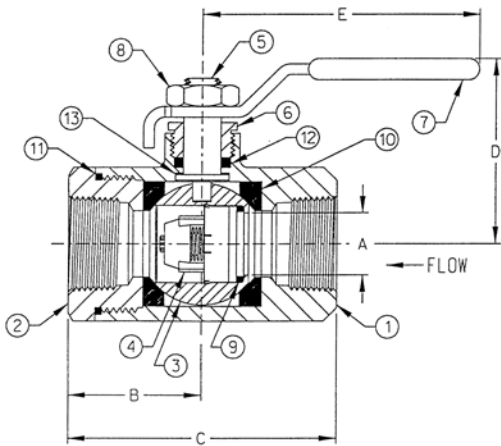
CHECK VALVES

Ball Valve with Integral Check

70-100-BC



70-100-BC
Female x Female Threaded
1/2" through 2"



The 70-100-BC Series ball valve combines two functions in a single design: positive shut-off and bubble-tight check capabilities. The BC Series is a unidirectional version of the industry-standard Apollo 70 Series ball valve. An easy flow design and superior check valve make these valves a smart choice for water or air in mechanical systems or OEM applications. Rated at 250 psi WOG and maximum temperature of 200°F.

FEATURES

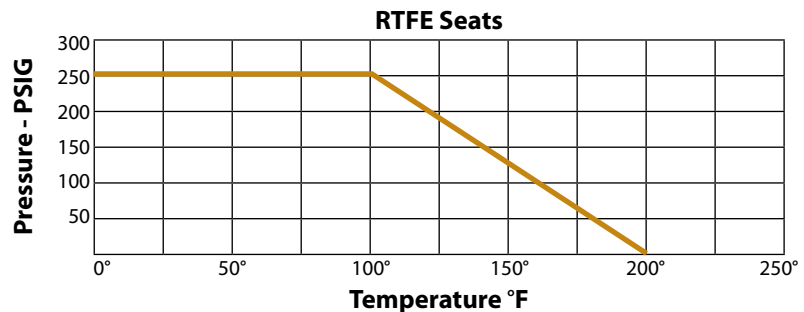
- Blowout-proof stems
- RPTFE seats and stuffing box ring
- Adjustable packing gland
- Chromium-plated ball
- Positive shut-off and bubble-tight check capability

MATERIALS OF CONSTRUCTION

| | | |
|----|--------------------|--|
| 1 | Body | B584-C84400 |
| 2 | Retainer | B16 (1/2"-1") B584-C84400 (1-1/4"-2") |
| 3 | Ball | B16 Brass Chrome Plated |
| 4 | Check Valve Insert | Acetal |
| 5 | Stem | B16 Brass |
| 6 | Gland Nut | B16 Brass |
| 7 | Lever and Grip | Steel, Zinc-plated w/vinyl |
| 8 | Lever Nut | Steel, Zinc-plated |
| 9 | O-Ring | Buna-N |
| 10 | Seat (2) | Reinforced TFE |
| 11 | Body Seal | TFE (1-1/4" - 2") |
| 12 | Stem Packing | Reinforced TFE |
| 13 | Stem Bearing | Reinforced TFE |
| 14 | Seal | EPDM (1/2") |
| 15 | Retaining Ring | Spring Steel (1/2") |

Dimensional Specifications

| Item Number | Size | A | B | C | D | E | Wt./100 |
|-------------|--------|------|------|------|------|------|---------|
| 70-103-BC | 1/2" | 0.50 | 1.12 | 2.25 | 1.80 | 3.87 | 0.63 |
| 70-104-BC | 3/4" | 0.68 | 4.50 | 3.00 | 2.12 | 4.87 | 1.33 |
| 70-105-BC | 1" | 0.87 | 1.68 | 3.37 | 2.25 | 4.87 | 1.77 |
| 70-106-BC | 1-1/4" | 1.00 | 2.00 | 4.00 | 2.73 | 5.50 | 3.29 |
| 70-107-BC | 1-1/2" | 1.25 | 2.18 | 4.37 | 3.09 | 8.00 | 4.63 |
| 70-108-BC | 2" | 1.50 | 2.34 | 4.68 | 3.28 | 8.00 | 6.01 |



NOTE: Not recommended for use with reciprocating pumps and similar applications. Low flows may result in undesirable noise and premature valve failure. See page 6 for additional precautions.