



70-600 Series

3-Way Diversion Bronze Ball Valve

Threaded, 400 psig WOG, Cold Non-Shock.

FEATURES

- Chromium plated ball
- RPTFE seats and stuffing box ring
- Blow-out-proof stem design
- Adjustable packing gland

STANDARD MATERIAL LIST

| | | | |
|-------------------|--|------------------------------|--------------------|
| 1. Lever and grip | Steel, zinc plated w/vinyl | 7. Gland nut | B16 |
| 2. Stem packing | RPTFE | 8. Stem | B16 |
| 3. Stem bearing | RPTFE | 9. Lever nut | Steel, zinc plated |
| 4. Ball | B16, chrome plated | 10. Body seal (1-1/2" to 2") | PTFE |
| 5. Seat (2) | RPTFE | 11. Body | B584-C84400 |
| 6. Retainer | B16 (1/4" to 1") B584-C84400 (1-1/4" to 2") | | |

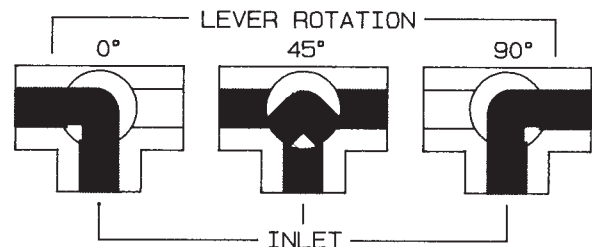
VARIATIONS AVAILABLE:

70-640 Series (316 SS Ball & Stem)

OPTIONS AVAILABLE:

| (SUFFIX) | OPTION | SIZES |
|----------|-------------------------------------|------------|
| -02- | Stem Grounded | 1/4" to 2" |
| -03- | 1-1/4" CS Stem Extension | 1/4" to 2" |
| -04- | 2-1/4" CS Stem Extension | 1/4" to 2" |
| -05- | Plain Ball | 1/4" to 2" |
| -10- | SS Lever & Nut | 1/4" to 2" |
| -17- | Rough Chrome Plated - Bronze Valves | 1/4" to 2" |
| -21- | UHMWPE Seats (Non-PTFE) | 1/4" to 2" |
| -24- | Graphite Packing | 1/4" to 2" |
| -27- | SS Latch-Lock Lever & Nut | 1/4" to 2" |
| -35- | VTPE Trim | 1/4" to 2" |
| -49- | Assembled Dry | 1/4" to 2" |
| -50- | 2-1/4" CS Locking Stem Extension | 1/4" to 2" |
| -56- | Multifill Seats & Packing | 1/4" to 2" |
| -57- | Oxygen Cleaned | 1/4" to 2" |
| -60- | Grounded Ball & Stem | 1/4" to 2" |
| -P01- | BSPP (Parallel) Thread Connection | 1/4" to 2" |
| -T01- | BSPT (Tapered) Thread Connection | 1/4" to 2" |

FLOW PATTERN



NOTE: Open port pressure must exceed Closed port pressure.

3-WAY DIVERSION BRONZE BALL VALVE

| NUMBER | SIZE | A | B | C | D | E | F | G | H | I | Wt. |
|-----------|--------|------|------|------|------|------|------|------|------|--------|------|
| 70-601-01 | 1/4" | .43 | 1.15 | 2.04 | 1.87 | 3.88 | 1.18 | .875 | 1.37 | 10-24 | .91 |
| 70-602-01 | 3/8" | .50 | 1.15 | 2.04 | 1.87 | 3.88 | 1.18 | .875 | 1.37 | 10-24 | .88 |
| 70-603-01 | 1/2" | .50 | 1.15 | 2.04 | 1.87 | 3.87 | 1.18 | .875 | 1.37 | 10-24 | .76 |
| 70-604-01 | 3/4" | .68 | 1.48 | 2.62 | 2.08 | 4.78 | 1.62 | .875 | 1.37 | 10-24 | 1.65 |
| 70-605-01 | 1" | .87 | 1.59 | 2.85 | 2.18 | 4.78 | 1.68 | .875 | 1.37 | 10-24 | 2.15 |
| 70-606-01 | 1-1/4" | 1.01 | 1.98 | 3.11 | 2.72 | 5.43 | 2.09 | .937 | 1.50 | 1/4-20 | 3.85 |
| 70-607-01 | 1-1/2" | 1.26 | 2.19 | 3.34 | 2.90 | 5.43 | 2.38 | .937 | 1.50 | 1/4-20 | 5.22 |
| 70-608-01 | 2" | 1.51 | 2.32 | 3.62 | 3.09 | 5.43 | 2.50 | 2.87 | 1.50 | 1/4-20 | 6.20 |

For Pressure/Temperature Ratings, Refer to Page M-8, Graph No. 3