

70-600 Series

3-Way Bronze Ball Valve





| Job Name: | |
|------------------|--|
| Job Location: | |
| Engineer: | |
| Contractor: | |
| Tag: | |
| PO#: | |
| Rep: | |
| Wholesale Dist.: | |
| | |

DESCRIPTION

The **Apollo* 70-600 Series** standard port 3-Way Diversion valve is ideal for making tank selection and fluid transfers simpler. Manufactured with proven ASTM Materials in the US.

FEATURES

- · Adjustable Packing Gland
- Blowout-Proof Stem Design
- RPTFE Seats and Stuffing Box Ring
- Drilled and Tapped Mounting Pad

PERFORMANCE RATING

- Maximum Pressure: 400 psi CWP
- Maximum Temperature: 500°F

APPROVALS

- MSS SP-110; Ball Valves
- Federal Specifications: WW-V-35C,
- CRN: OC10908.5C

MODELS

- 70-600 Series: Standard
- 70-640 Series: 316 SS Ball & Stem

OPTIONS & SIZES

| (-03) 1-1/4" CS Stem Extension | 1/4" - 2" |
|--|-----------|
| (-04) 2-1/4" CS Stem Extension | 1/4" - 2" |
| (-10) SS Lever & Nut | 1/4" - 2" |
| (-17) Rough Chrome Plated | 1/4" - 2" |
| • (-21) UHMWPE Trim (Non-PTFE) | 1/4" - 2" |
| • (-27) SS Latch-Lock Lever & Nut | 1/4" - 2" |
| (-35) VTFE Trim | 1/4" - 2" |
| (-56) MPTFE Seats and Packing | 1/4" - 2" |
| • (-57) Oxygen Cleaned | 1/4" - 2" |

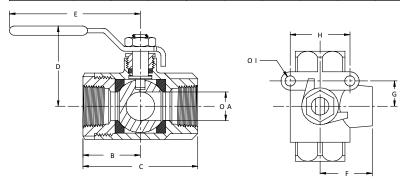
· (-T01) BSPT (Tapered) Thread

STANDARD MATERIALS LIST

| LEVER AND GRIP | Steel, Zinc Plated w/ Vinyl | | | | | |
|--------------------------|---|--|--|--|--|--|
| STEM PACKING / BEARING | RPTFE | | | | | |
| BALL | B16 Brass, Chrome Plated | | | | | |
| SEAT (2) | RPTFE B16 or B283, C37700 (1/4" to 1") B584-C84400 (1-1/4" to 2") | | | | | |
| RETAINER | | | | | | |
| GLAND NUT & STEM | B16 Brass | | | | | |
| LEVER NUT | Steel, Zinc Plated | | | | | |
| BODY SEAL (1 1/2" TO 2") | PTFE | | | | | |
| BODY | B584 Bronze -UNS C84400 | | | | | |

DIMENSIONS

| MODEL | SIZE | DIMENSIONS (IN.) | | | | | | | | WT. | |
|--------|-------|------------------|------|------|------|------|------|------|------|--------|-------|
| NUMBER | (IN.) | Α | В | С | D | E | F | G | Н | ı | (LB.) |
| 70-601 | 1/4" | 0.50 | 1.09 | 2.25 | 1.80 | 3.88 | 1.18 | 0.87 | 1.37 | 10-24 | 0.86 |
| 70-602 | 3/8" | 0.50 | 1.12 | 2.27 | 1.80 | 3.88 | 1.18 | 0.87 | 1.37 | 10-24 | 0.84 |
| 70-603 | 1/2" | 0.50 | 1.10 | 2.75 | 1.75 | 3.88 | 1.18 | 0.87 | 1.37 | 10-24 | 0.99 |
| 70-604 | 3/4" | 0.68 | 1.50 | 3.00 | 2.12 | 4.87 | 1.62 | 0.87 | 1.37 | 10-24 | 1.91 |
| 70-605 | 1" | 0.87 | 1.59 | 3.20 | 2.20 | 4.87 | 1.71 | 0.87 | 1.37 | 10-24 | 2.42 |
| 70-606 | 11/4" | 1.00 | 1.99 | 3.98 | 2.69 | 5.50 | 2.09 | 0.94 | 1.50 | 1/4-20 | 4.27 |
| 70-607 | 11/2" | 1.25 | 2.21 | 4.40 | 2.87 | 5.50 | 2.38 | 0.94 | 1.50 | 1/4-20 | 5.82 |
| 70-608 | 2" | 1.50 | 2.34 | 4.69 | 3.07 | 5.50 | 2.50 | 0.94 | 1.50 | 1/4-20 | 8.55 |







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FLOW CHARACTERISTICS

