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

DESCRIPTION

The Apollo® 70-300 Series is a standard port ball valve that combines pipe union with ball valve shut-off.

FEATURES

- Adjustable Packing Gland
- Blowout-Proof Stem Design
- RPTFE Seats and Stuffing Box Ring
- Chromium Plated Ball

PERFORMANCE RATING

- Maximum Pressure: 600 psi CWP | 150 psi SWP
- Maximum Temperature: 500°F
- Vacuum Service to 29 in. Hg

APPROVALS

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

MODELS

- 70-300 Series - Standard
- 70-340 Series - 316 SS Ball & Stem

OPTIONS

- (-02) Stem Grounded 1/4" - 2"
- (-03) 1-1/4" CS Stem Extension 1/4" - 2"
- (-04) 2-1/4" CS Stem Extension 1/4" - 2"
- (-07) Steel Tee Handle 1/4" - 2"
- (-10) SS Lever & Nut 1/4" - 2"
- (-14) Side Vented Ball (Uni-Directional) 1/4" - 2"
- (-15) Wheel Handle, Steel 1/4" - 2"
- (-17) Rough Chrome Plated 1/4" - 2"
- (-20) Slot Vented Ball 1/4" - 2"
- (-21) UHMWPE Trim (Non-PTFE) 1/4" - 2"
- (-27) SS Latch-Lock Lever & Nut 3/4" - 2"
- (-32) SS Tee Handle & Nut 3/4" - 2"
- (-35) VTFE Trim 3/4" - 2"
- (-45) Less Lever & Nut 3/4" - 2"
- (-48) SS Oval Handle (No Latch) & Nut 3/4" - 2"
- (-50) 2-1/4" CS Locking Stem Extension 3/4" - 2"
- (-56) MPTFE Seats and Packing 3/4" - 2"
- (-57) Oxygen Cleaned 3/4" - 2"
- (-63) NPT x Solder/Socket Weld 3/8" - 2"
- (-92) Balancing Stop 1/4" - 2"

STANDARD MATERIALS LIST

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

DIMENSIONS

| PART NUMBER | SIZE (IN.) | DIMENSIONS (IN.) | | | | | WT. (LB.) |
|-------------|------------|------------------|------|------|------|------|-----------|
| | | A | B | C | D | E | |
| 70-301-01* | 1/4" | 0.37 | 1.90 | 2.93 | 1.75 | 3.87 | 0.86 |
| 70-302-01* | 3/8" | 0.37 | 1.90 | 2.93 | 1.75 | 3.87 | 0.84 |
| 70-303-01* | 1/2" | 0.50 | 2.00 | 3.09 | 1.75 | 3.87 | 0.99 |
| 70-304-01 | 3/4" | 0.68 | 2.46 | 3.96 | 2.12 | 4.87 | 1.91 |
| 70-305-01 | 1" | 0.87 | 2.78 | 4.46 | 2.25 | 4.87 | 2.42 |
| 70-306-01 | 1-1/4" | 1.00 | 2.68 | 4.68 | 2.62 | 5.50 | 4.27 |
| 70-307-01 | 1-1/2" | 1.25 | 2.87 | 5.06 | 3.05 | 8.00 | 5.82 |
| 70-308-01 | 2" | 1.50 | 3.25 | 5.59 | 3.24 | 8.00 | 8.55 |

* 1/4", 3/8", and 1/2" are full port

