

Class 150 • Rising Stem • Threaded Ends

Figure 17TF

Size Range:

1/4" through 2"

Working Pressures Non-Shock:

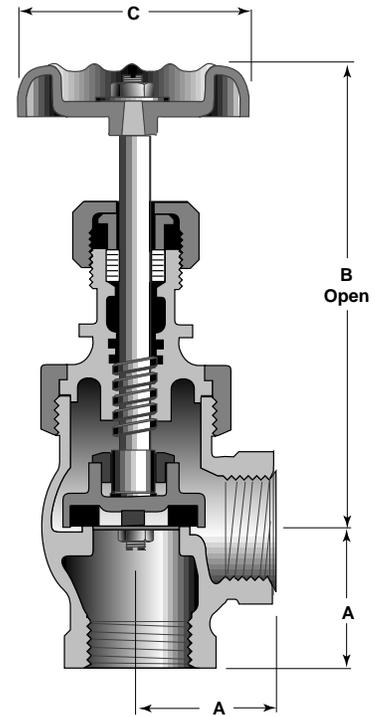
150 psi Steam, Basic Rating

300 psi Cold Working Pressure

Features

- Union Bonnet
- Threaded Ends
- Integral Bronze Seat
- Back Seat
- PTFE Disc
- MSS Specification SP-80

For more detailed features, refer to page 34.



Principal Parts & Materials

| Part | Sizes | Material | ASTM |
|-------------|-------------|---------------------|-------------------|
| Body | All | Bronze | B62 alloy C83600 |
| Bonnet | 1/4" - 3/8" | Brass | B16 H02 |
| Bonnet | 1/2" - 2" | Bronze | B62 alloy C83600 |
| Disc Holder | 1/4" - 1/2" | Brass | B16 H02 |
| Disc Holder | 3/4" - 2" | Bronze | B62 alloy C83600 |
| Stem | All | Bronze | B371 alloy C69400 |
| Disc | All | PTFE w/metal holder | — |

Dimensions and Weights

Inches (millimeters) - pounds (kilograms)

| | 1/4 (6) | 3/8 (10) | 1/2 (15) | 3/4 (20) | 1 (25) | 1 1/4 (32) | 1 1/2 (40) | 2 (50) |
|------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| A | 1.18 (30) | 1.18 (30) | 1.17 (30) | 1.39 (35) | 1.63 (41) | 2.02 (51) | 2.18 (55) | 2.68 (68) |
| B | 4.12 (105) | 3.97 (101) | 3.91 (99) | 5.18 (132) | 5.34 (136) | 6.53 (166) | 6.96 (177) | 7.34 (186) |
| C | 2.13 (54) | 2.13 (54) | 2.25 (57) | 2.95 (75) | 3.03 (77) | 3.69 (94) | 4.63 (118) | 5.24 (133) |
| WTS. | 1.00 (0.43) | 0.90 (0.41) | 1.30 (0.59) | 2.20 (1.00) | 3.30 (1.47) | 5.30 (2.38) | 7.10 (3.22) | 11.90 (5.38) |