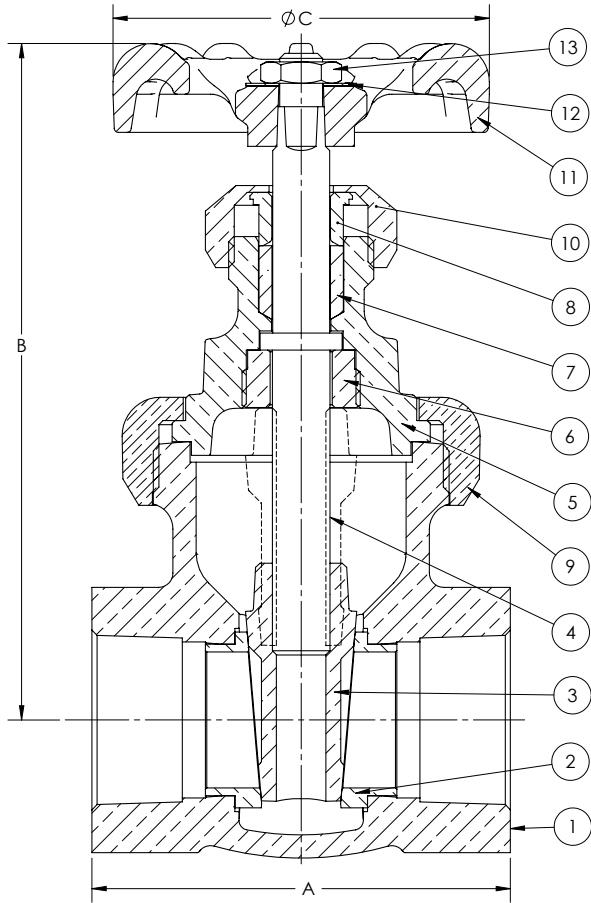


Class 300 • Union Bonnet • Non-Rising Stem • SS Seats • Thrd.Ends

636E Gate Valve



Materials of Construction

| No. | Description | Material | ASTM Spec. |
|-----|--------------------|-----------------|-----------------|
| 1 | Body | Bronze | B-61 C92200 |
| 2 | Body Seat Ring | Stainless Steel | A-276 Type 410 |
| 3 | Disc | Bronze | B-61 C92200 |
| 4 | Stem | Bronze | B-371 C69400 |
| 5 | Bonnet | Bronze | B-61 C92200 |
| 6 | Stem Retaining Nut | Brass | B-16 H02 |
| 7 | Packing | Carboform | Type 11 |
| 8 | Gland | Brass | B-16 H02 |
| 9 | Union Bonnet Ring | Bronze | B-61 C92200 |
| 10 | Packing Nut | Brass | B-16 C36000 H02 |
| 11 | Handwheel | Cast Iron | |
| 12 | ID Plate | Aluminum | |
| 13 | Lock Nut | Steel Cadmium | |

See page 8 for Pressure-Temperature Ratings.

| Industry Standards |
|--------------------|
| MSS SP-80, Type 1 |

Dimensions and Weights

Inches (millimeters) - Pounds (kilograms)

| Valve Size | Dimensions | | | Wt. |
|------------|------------|-------|-------|--------|
| | B | C | A | |
| 1/4 | 3.46 | 2.25 | 2.03 | 0.81 |
| | (88) | (57) | (52) | (0.37) |
| 3/8 | 3.46 | 2.25 | 2.13 | 0.84 |
| | (88) | (57) | (54) | (0.38) |
| 1/2 | 3.85 | 2.75 | 2.44 | 1.32 |
| | (98) | (70) | (62) | (0.60) |
| 3/4 | 4.38 | 2.75 | 2.61 | 1.83 |
| | (111) | (70) | (66) | (0.83) |
| 1 | 4.89 | 2.75 | 3.06 | 2.95 |
| | (124) | (70) | (78) | (1.34) |
| 1 1/4 | 5.88 | 4.00 | 3.35 | 4.44 |
| | (149) | (102) | (85) | (2.02) |
| 1 1/2 | 6.66 | 4.00 | 3.69 | 5.65 |
| | (169) | (102) | (94) | (2.57) |
| 2 | 7.51 | 4.00 | 3.96 | 9.61 |
| | (191) | (102) | (101) | (4.37) |