

# Dimensions 200 CWP • Threaded Bonnet • Solid Wedge Disc

## Figure 90

Gate Valve, Rising Stem, Solid Wedge Disc, Threaded Ends

## Figure 190

Gate Valve, Non-Rising Stem, Solid Wedge Disc, Threaded Ends

### Size Range:

½ through 2 inches

### Design Features:

- Threaded Ends
- Integral Seat
- Figure 190 - Inside Screw/Non-rising Stem
- MSS SP-42
- ASME B16.34

### Dimensions and Weights

| Valve Size | Weight (lbs) |     | Dimensions (inches) |          |          |     |
|------------|--------------|-----|---------------------|----------|----------|-----|
|            |              |     | A                   | B (open) | B (open) | C   |
|            | 90           | 190 |                     | 90       | 190      |     |
| ½          | 1.0          | 0.9 | 2.2                 | 5.9      | 3.6      | 2.7 |
| ¾          | 1.3          | 1.5 | 2.4                 | 6.7      | 3.9      | 2.7 |
| 1          | 1.7          | 2.5 | 2.6                 | 7.6      | 4.5      | 3.1 |
| 1½         | 3.4          | 3.2 | 3.4                 | 10.6     | 5.8      | 3.5 |
| 2          | 5.2          | 7.0 | 3.8                 | 12.4     | 6.6      | 4.0 |

Please refer to page 28 for Pressure-Temperature Ratings.

### Materials of Construction

|    |                |                |
|----|----------------|----------------|
| 1  | Body           | ASTM A351 CF8M |
| 2  | Bolt           | ASTM A351 CF8M |
| 3  | Disc           | ASTM A351 CF8M |
| 4  | Stem           | 316 SS         |
| 5  | Gland          | PTFE           |
| 6  | Packing        | 316 SS         |
| 7  | Nut Gland      | ASTM A351 CF8M |
| 8  | Packing Washer | 316 SS         |
| 9  | Gasket         | PTFE           |
| 10 | Hardwheel      | Aluminum       |
| 11 | Hardwheel Nut  | 304 SS         |
| 12 | ID Tag         | Aluminum       |

### Industry Standards

|              |                         |
|--------------|-------------------------|
| Pipe Threads | ASME B1.20.1            |
| End-to-End   | Manufacturer's Standard |

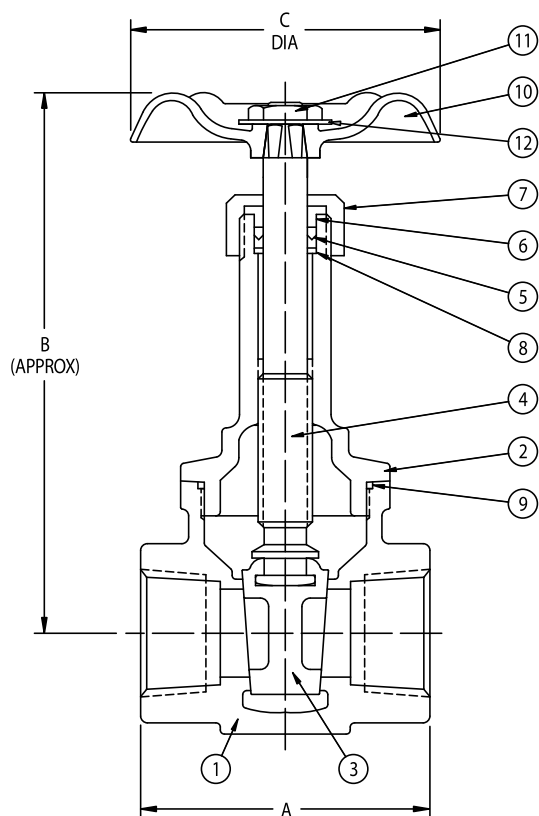


Fig. 190

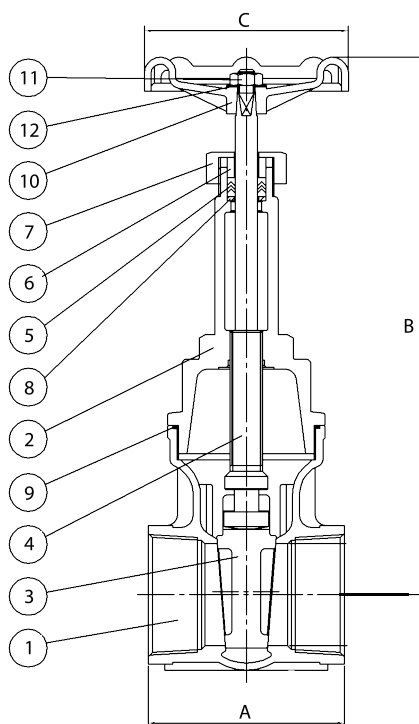


Fig. 90