

BRONZE GATE VALVES

WITH ROLLED-IN SEAT RINGS

"WHITE STAR"

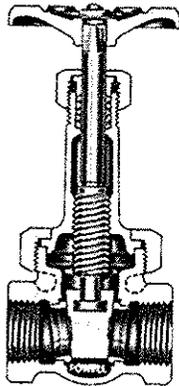


Fig. 2375
Class 200
Inside Screw Rising Stem
Sizes, 3/8" through 3"

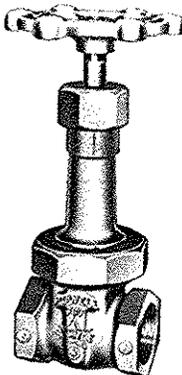


Fig. 2377
Class 300
Inside Screw Rising Stem
Sizes, 3/8" through 3"

CLASS 200 and 300

UNION BONNET

THREADED ENDS

PRESSURE/TEMPERATURE RATINGS

Class 200 Fig. 2375

200 psi Steam at 550°F

400 psi Non-Shock cold water, Oil or Gas

Class 300 Fig. 2377

300 psi steam at 550°F

3/8" - 2" 1000 psi Non-Shock Cold Water, Oil or Gas

2 1/2" & 3" 600 psi Non-Shock Cold Water, Oil or Gas

MATERIALS

| DESCRIPTION | MATERIAL | ASTM Spec. |
|----------------------|-----------------------|--------------------|
| Handwheel Nut | Brass | Commercial |
| Identification Plate | Aluminum | Commercial |
| Handwheel | Malleable Iron | A-47 Gr. 32510 |
| Stem | Silicon Bronze | B-371 C69400 |
| Packing Nut * | Bronze | B-62 |
| Packing Gland | Brass | B-16 |
| Packing | Graphite Non-Asbestos | Commercial |
| Collar** | Brass | B-16 |
| Bonnet | Bronze | B-61 |
| Bonnet Ring | Bronze | B-61 |
| Body | Bronze | B-61 |
| Wedge | Bronze | B-61 |
| Seat Ring | Stainless Steel | ***A-312, Type 304 |

* Brass ASTM B-16 for valve sizes 3/8" through 1" valves

** Sizes 3/8 - 1/2" inclusive (Fig. 2377)

***Sizes 3/8 - 1/2" A-276, Type 410

SPECIFICATIONS

•MSS-SP-80

FEATURES

•Renewable Solid Wedges

•Rolled-in Seat Rings

•High-Tensile Bronze Alloy Stems

DIMENSIONS (Inches) Fig. 2375

| Size | 3/8 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 |
|------|--------|--------|--------|---------|-------|-------|----------|---------|---------|
| A | 2 1/16 | 2 5/16 | 2 9/16 | 2 15/16 | 3 1/8 | 3 1/2 | 4 | 4 5/8 | 5 1/8 |
| B | 4 1/4 | 4 7/8 | 6 1/8 | 7 3/8 | 8 5/8 | 9 5/8 | 11 11/16 | 15 1/8 | 17 7/16 |
| E | 2 1/8 | 2 1/2 | 2 3/4 | 3 | 3 1/4 | 3 5/8 | 4 1/16 | 5 11/16 | 6 3/8 |

DIMENSIONS (Inches) Fig. 2377

| Size | 3/8 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 |
|------|-------|--------|---------|-------|-------|--------|---------|---------|--------|
| A | 2 1/8 | 2 7/16 | 2 11/16 | 3 | 3 3/8 | 3 3/4 | 4 3/8 | 5 | 5 5/8 |
| B | 4 7/8 | 5 7/8 | 7 3/16 | 8 1/4 | 9 1/2 | 10 3/4 | 13 1/8 | 14 1/16 | 16 3/8 |
| E | 3 | 3 1/4 | 3 5/8 | 4 1/8 | 4 5/8 | 5 1/8 | 5 11/16 | 8 | 9 |

WEIGHTS (Pounds)

| | | | | | | | | | |
|-----------|-----|-----|-----|-----|-----|-----|------|------|------|
| Fig. 2375 | 0.9 | 1.2 | 1.9 | 2.8 | 5 | 5.4 | 8.9 | 18.7 | 25.9 |
| Fig. 2377 | 1.3 | 1.7 | 2.9 | 4.2 | 6.5 | 9.5 | 16.7 | 22.6 | 31.7 |

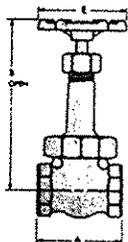


Fig. 2375
Fig. 2377

Fig. 2375
Fig. 2377