

# BRONZE GATE VALVES

## "WHITE STAR"

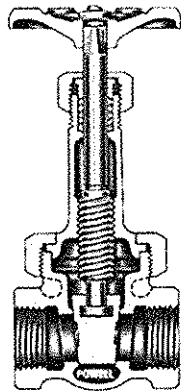


Fig. 375  
Fig. 377  
Inside Screw Rising Stem  
Sizes, 1/4" through 3"

# CLASS 200 and 300

## UNION BONNET

### THREADED ENDS

#### PRESSURE/TEMPERATURE RATINGS

##### Class 200 Fig. 375

200 psi Steam at 550°F

400 psi Non-Shock Cold Water, Oil or Gas

##### Class 300 Fig. 377

300 psi Steam at 550°F

1/4" - 2" 1000 psi Non-Shock Cold Water, Oil or Gas

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

#### MATERIALS

DESCRIPTIONS	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 Gland	Brass	B-16
Packing Nut *	Bronze	B-62
Packing	Graphite Non-Asbestos	Commercial
Bonnet	Bronze	B-61
Bonnet Ring	Bronze	B-61
Body	Bronze	B-61
Wedge	Bronze	B-61

\*Brass ASTM B-16 for 1/4" through 1" valves

#### SPECIFICATIONS

\*MSS-SP-80

#### FEATURES

- Renewable Solid Wedges
- Integral Seats
- High-Tensile Bronze Alloy Stem

#### DIMENSIONS (Inches) Figs. 375

Size	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
A	1 13/16	2 1/16	2 7/16	2 9/16	2 15/16	3 1/8	3 1/2	4	4 5/8	5 1/8
B	4 1/4	4 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
C	2 1/8	2 1/8	2 1/2	2 3/4	3	3 1/4	3 5/8	4 1/16	4 3/4	5 11/16

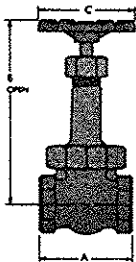


Fig. 375  
Fig. 377  
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Fig. 377

#### DIMENSIONS (Inches) Figs 377

Size	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
A	1 15/16	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	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
C	3	3	3 1/4	3 5/8	4 1/8	4 5/8	5 1/8	5 11/16	8	9

#### WEIGHTS (Pounds)

Fig.375	0.8	0.9	1.2	2	2.7	4.7	5.5	9.1	18.9	25.8
Fig.377	1.3	1.3	1.8	3	4.9	6.9	8.9	16.7	23.9	32.4