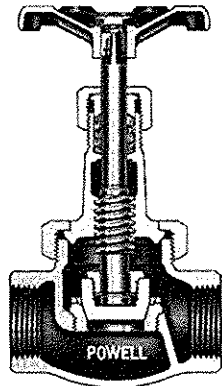


# BRONZE (FULL FLOW) GLOBE VALVES "W.S."



**Fig. 2608**  
Class 200 Globe, Threaded  
Sizes, 1/4" through 3"

**Fig. 2612**  
Class 300 Globe, Threaded  
Sizes, 1/4" through 3"

# CLASS 200 and 300 UNION BONNET RENEWABLE STAINLESS STEEL SEAT and DISC THREADED ENDS

## PRESSURE/TEMPERATURE RATINGS

### Class 200 Fig. 2608

200 psi Steam at 550°F

400 psi Non-Shock Cold water, Oil or Gas

### Class 300 Fig. 2612

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

DESCRIPTION	MATERIAL	ASTM Spec.
Handwheel	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
Bonnet	Bronze	B-61
Bonnet Ring	Bronze	B-61
Disc Locknut***	Silicon Bronze	B-371 C69400
Horse Shoe Ring***	Stainless Steel	A582, Type 303
Disc	Stainless Steel	A582, Type 416
Seat Ring	Stainless Steel	A582, Type 416
Body	Bronze	B-61
Stud**	Steel	A-193, Grade B7
Stud Nut**	Brass	Commercial
Gasket**	Compressed Non-Asbestos	Commercial

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

\*\* 2 1/2" and 3" valves have bolted bonnets

\*\*\* Sizes 1/4" to 2" incl.

## SPECIFICATIONS

\*MSS SP-80

## FEATURES

- Renewable Plug Type Stainless Steel Disc
- Renewable Stainless Steel seat has full nominal pipe size opening
- High-Tensile Bronze Alloy Stems
- Differential hardness between seat and disc to prevent galling

## DIMENSIONS (Inches) Fig. 2608

Size	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
A	2 1/8	2 1/4	2 1/2	3	3 9/16	4 1/8	4 5/8	5 3/4	6 5/8	8 1/2
G	4 1/32	4 1/32	4 5/8	5 1/2	6 5/32	6 11/16	7 21/32	8 5/8	10 13/16	11 15/16
H	2 1/2	2 1/2	2 3/4	3 1/4	3 5/8	4 1/16	4 3/4	5 11/16	7	8

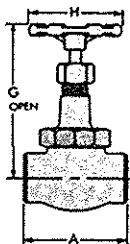


Fig. 2608  
Fig. 2612

## DIMENSIONS (Inches) Fig. 2612

Size	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
A	2 1/4	2 3/8	2 5/8	3 1/4	3 13/16	4 3/8	4 7/8	6	7 1/4	8 3/4
G	4 1/32	4 1/32	4 5/8	5 1/2	6 7/32	6 3/4	7 23/32	8 11/16	11 1/4	13 1/8
H	2 1/2	2 1/2	2 3/4	3 1/4	3 5/8	4 1/16	4 3/4	5 11/16	8	9

## WEIGHTS (Pounds)

Fig. 2608	0.9	0.9	1.4	2.4	3.3	4.9	7.7	12.4	26.6	36.6
Fig. 2612	0.9	1.1	1.4	2.4	4	5.7	8.7	14.4	37.7	58.5