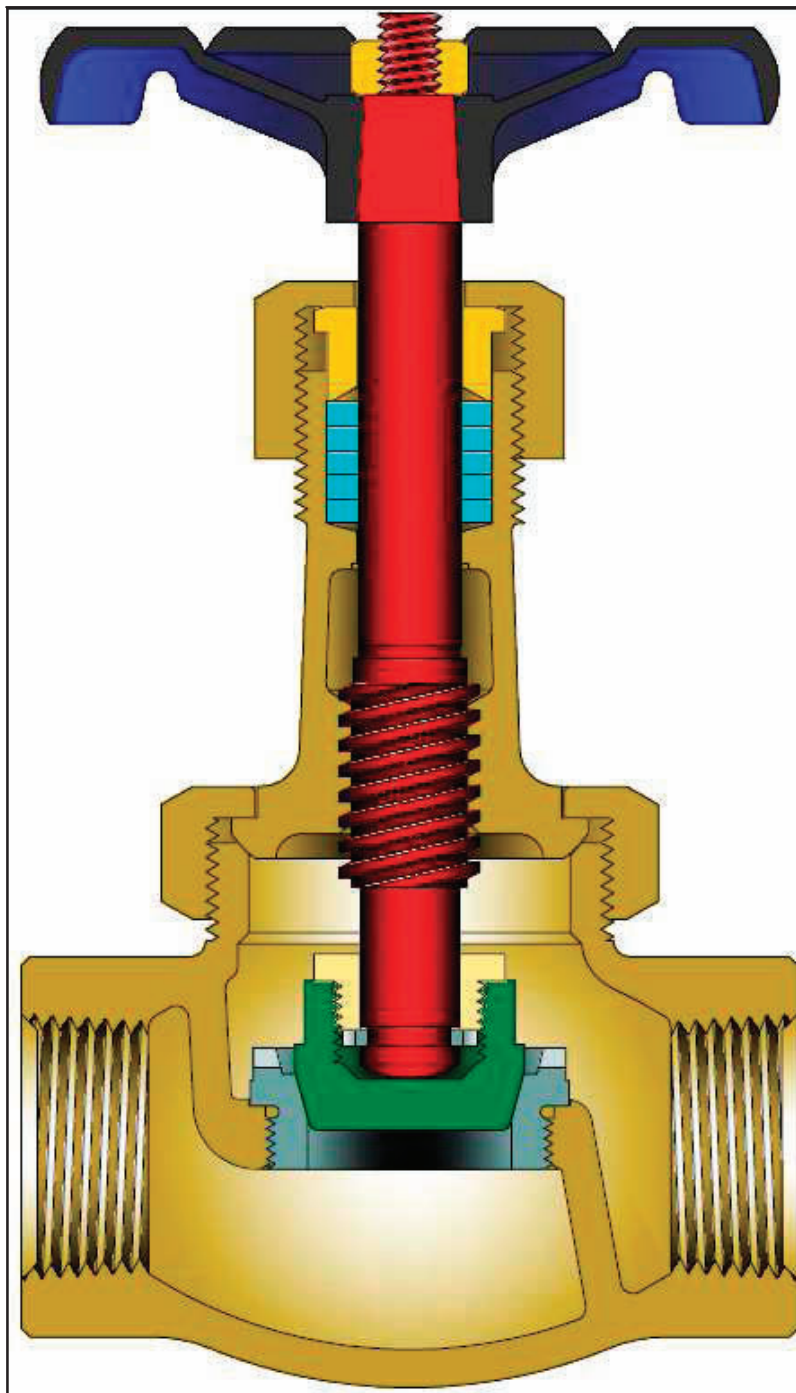


MSS SP-80 GLOBE VALVES
UNION BONNET, THREADED ENDS
¼ TO 3" (6 TO 75mm) CLASSES 150 TO 300
BRONZE WITH RENEWABLE STAINLESS STEEL SEAT AND DISC



Class	Fig. No.
150	2600
200	2608
300	2612

DESIGN 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.

STANDARD MATERIALS

PART	MATERIALS
Body	B61
Bonnet	B61
Bonnet Ring	B61
Disc	A582 T416
Disc Locknut	B371 C69400
Horseshoe Ring	SS 303 or SS 304
Seat Ring	A582 T416
Stem	B371 C69400
Packing Nut	B62 or B16
Gland	B16
Packing	Graphite
Hand Wheel	A47 Gr. 32510
Hand Wheel Nut	Brass
Wheel Plate	Aluminum

Design Specifications

Item	Applicable Specification
Pressure - temperature ratings	MSS SP-80
General valve design	MSS SP-80
Thread design	ASME B1.20.1
Materials	ASTM

- **Each** valve is shell and seat pressure tested per industry standard MSS SP-80.

GLOBE VALVE DIMENSIONS (CLASS 200 & 300).

SIZE	FIG 2600, 2608, & 2612					
in	A	C	D	E	WT	lb
mm						kg
¼	2.25	4.0	0.25	2.5	0.9	0.6
6	57	102	6	64	0.4	
⅜	2.38	4.0	0.38	2.5	1.1	1.4
10	60	102	10	64	0.5	
½	2.63	4.6	0.50	2.8	1.4	2.5
13	67	117	13	70	0.6	
¾	3.25	5.5	0.75	3.3	2.4	5.8
20	83	140	19	83	1.1	
1	3.81	6.2	1.00	3.6	4.0	10.7
25	97	158	25	92	1.8	
1¼	4.38	6.8	1.25	4.1	5.7	17.1
32	111	171	32	103	2.6	
1½	4.88	7.8	1.50	4.8	8.7	25
40	124	198	38	121	3.9	
2	6.00	8.7	2.00	5.7	14.4	50
50	152	221	51	144	6.5	
2½	7.25	11.3	2.50	8.0	37.7	75
65	184	286	64	203	17.1	
3	8.75	13.1	3.00	9.0	58.5	110
75	222	333	76	229	26.5	

C = Center to top open

WT = Weight

C_v = Flow Coefficient

