



MSS SP-80 GLOBE VALVE
UNION BONNET, THREADED ENDS
¼ TO 3" (6 TO 75mm) CLASS 150
BRONZE WITH RENEWABLE COMPOSITION DISC

STANDARD MATERIALS

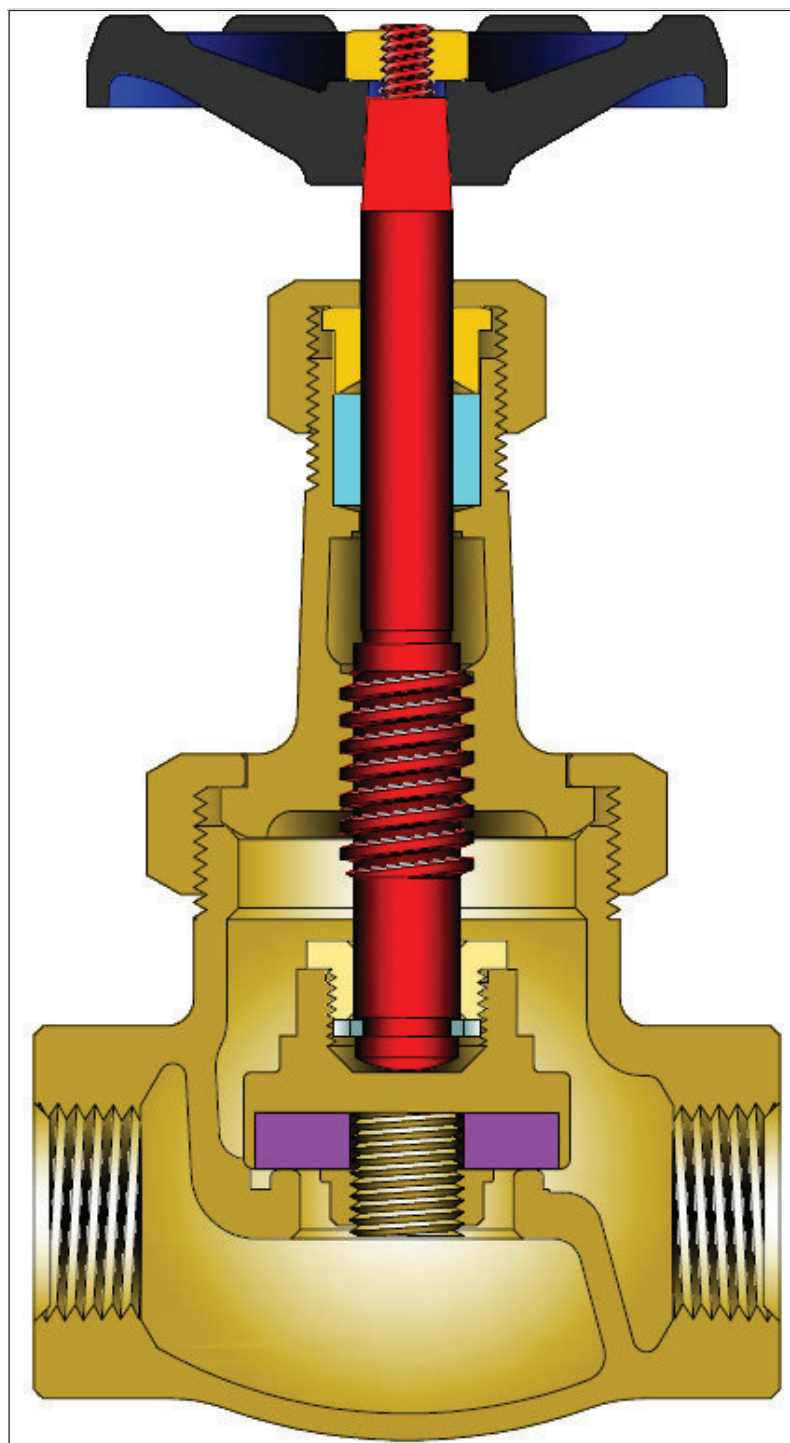
PART	MATERIALS
Body	B62
Bonnet	B62
Disc	Glass Filled PTFE
Disc Locknut	B-371 C69400
Disc Nut	B62
Disc Holder	B62
Horseshoe Ring	SS 303 or SS 304
Stem	B371 C69400
Packing Nut	B62 or B374 C69400
Gland	B16
Packing	Graphite
Hand Wheel	A47 Gr. 32510
Hand Wheel Nut	Brass
Wheel Plate	Aluminum

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

DESIGN FEATURES:

- **Integral** seats have opening equal to nominal pipe size of valve.
- **High-Tensile** bronze alloy stem.
- **Each** valve is shell and seat tested per industry standard MSS SP-80.



Class	Fig. No.
150	150

GLOBE VALVE DIMENSIONS (CLASS 125).

SIZE	FIG 150					
in	A	C	D	E	WT	lb
mm						kg
¼	2.13	4.2	0.25	2.5	0.8	0.6
6	54	106	6	64	0.4	
⅜	2.25	4.2	0.38	2.5	0.9	1.4
10	57	106	10	64	0.4	
½	2.50	4.8	0.50	2.8	1.3	2.5
13	64	122	13	70	0.6	
¾	3.00	5.4	0.75	3.0	2.1	5.8
20	76	138	19	76	1.0	
1	3.56	6.1	1.00	3.3	3.4	10.7
25	90	156	25	83	1.5	
1¼	4.13	6.8	1.25	3.6	5.1	17.1
32	105	173	32	92	2.3	
1½	4.63	7.3	1.50	4.1	6.6	25
40	117	187	38	103	3.0	
2	5.75	8.1	2.00	4.6	10.5	50
50	146	206	51	117	4.8	
2½	6.63	9.5	2.50	5.7	18.6	75
65	168	241	64	144	8.4	
3	8.50	10.8	3.00	6.4	28.4	110
75	216	275	76	162	12.9	

C = Center to top open
WT = Weight
C_v = Flow Coefficient

