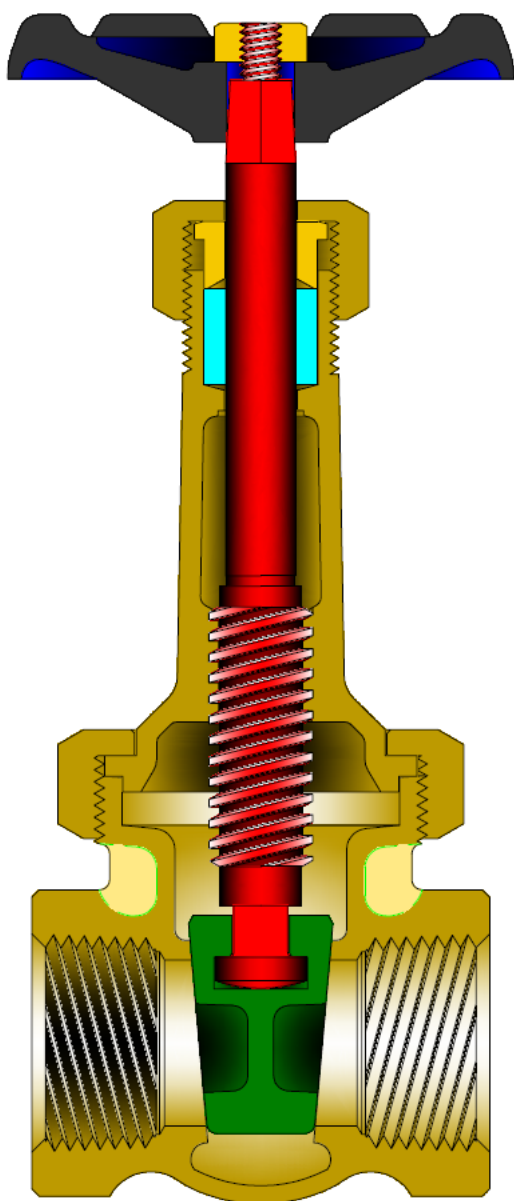


MSS SP-80 GATE VALVE

UNION BONNET, THREADED ENDS

1/4 - 3" (6 - 75 mm) CLASSES 125 & 150

BRONZE RISING STEM



Class	Fig. No.
125	2700
150	2714

STANDARD MATERIALS

PART	MATERIALS
Body	B62
Bonnet	B62
Bonnet Ring	B62
Wedge	B62
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

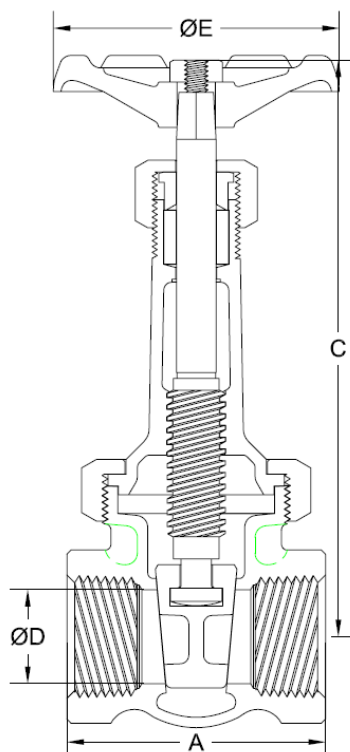
Item	Applicable Specification
Pressure - temperature ratings	MSS SP-80
General valve design	MSS SP-80
Thread design	ASME B1.20.1
Materials	ASTM

DESIGN FEATURES:

- Renewable solid wedges.
- Integral seats.
- High-Tensile bronze alloy stem.
- Stems are rotating / rising design.
- Each valve is shell and seat pressure tested per industry standard MSS SP-80.

GATE VALVE DIMENSIONS (CLASSES 125 & 150)

SIZE	FIG 2700 & 2714					
in	A	C	D	E	WT	lb
mm						kg
¼	1.75	4.3	0.38	2.1	0.8	3.2
6	44	108	10	54	0.4	
3/8	2.00	4.3	0.38	2.1	0.8	7.1
10	51	108	10	54	0.4	
½	2.38	4.9	0.50	2.5	1.1	12.6
13	60	124	13	64	0.5	
¾	2.44	6.1	0.75	2.8	1.9	30
20	62	156	19	70	0.9	
1	2.75	7.4	1.00	3.0	2.7	55
25	70	187	25	76	1.3	
1¼	3.00	8.6	1.25	3.3	4.0	90
32	76	219	32	83	1.8	
1½	3.38	9.6	1.50	3.6	5.2	130
40	86	244	38	92	2.4	
2	3.50	11.7	2.00	4.1	9.5	240
50	89	297	51	103	4.3	
2½	4.50	14.8	2.50	5.1	16.2	350
65	114	375	64	130	7.3	
3	5.00	17.1	3.00	5.7	23.5	510
75	127	435	76	144	10.7	



C = Center to top open

WT = Weight

C_v = Flow coefficient