

IRON BODY BRONZE TRIMMED GATE VALVES

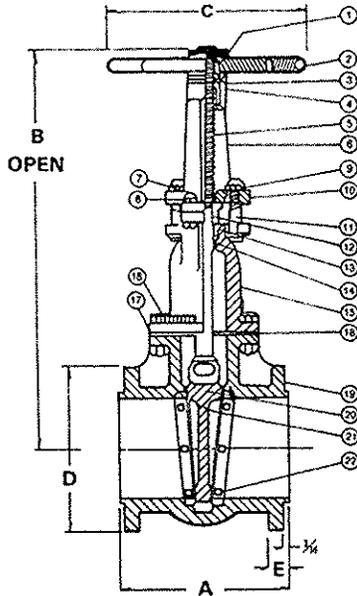


Fig. 1797
Flanged, Bronze Trimmed
Sizes, 2"-12"

FEATURES

- Solid Wedges
- Renewable Seat Rings in Bronze Trimmed valves
- Body has five Tapping Bosses

CLASS 250 OUTSIDE SCREW RISING STEM BOLTED FLANGED YOKE-BONNET FLANGED ENDS

PRESSURE/TEMPERATURE RATINGS

2" to 12" 250 psi Steam at 450°F
500 psi Non-Shock Cold Water, Oil or Gas

MATERIALS

DESCRIPTION	MATERIAL	ASTM Spec.
1 Handwheel Nut	Ductile Iron	A-536
2 Handwheel	Cast Iron	A-126-B
3 Yoke Bushing Nut	Cast Iron	A-126-B
4 Yoke Busing	Cast Bronze	B-62
5 Stem	Brass	B-16
6 Yoke	Cast Iron	A-126-B
7 Yoke Bolt	Steel	A-307
8 Yoke Bolt Nut	Steel	A-307
9 Packing Gland Nut	Steel	A-307
10 Packing Gland Flange	Ductile Iron	A-536
11 Packing Gland Stud	Steel	A-307
12 Packing Gland	Cast Bronze	B-62
13 Packing	Non-Asbestos Braided Fiber	
14 Backseat Bushing	Cast Bronze	B-62
15 Bonnet	Cast Iron	A-126-B
16 Bonnet Bolt	Steel	A-307
17 Bonnet Bolt Nut	Steel	A-307
18 Bonnet Gasket	Non-Asbestos	
19 Body	Cast Iron	A-126-B
20 Disc	Cast Iron	A-126-B
21 Body Seat Ring	Cast Bronze	B-62
22 Disc Seat Ring	Cast Bronze	B-62

SPECIFICATIONS

- MSS SP-70

DIMENSIONS (Inches)

Size	2	2 1/2	3	4	5	6	8	10	12
A	8 1/2	9 1/2	11 1/8	12	15	15 7/8	16 1/2	18	19 3/4
B	15 1/2	17 1/16	19 3/8	23 5/8	27 5/8	32 3/16	40 9/16	49 3/64	56 25/32
C	7	8	10	12	12	14	16	18	20
D	6 1/2	7 1/2	8 1/4	10	11	12 1/2	15	17 1/2	20 1/2
E	7/8	1	1 1/8	1 1/4	1 3/8	1 7/16	1 5/8	1 7/8	2

WEIGHTS (Pounds)

Fig. 1797	53	70	102	157	198	259	451	649	913
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