

IRON BODY BRONZE TRIMMED and ALL IRON GATE VALVES

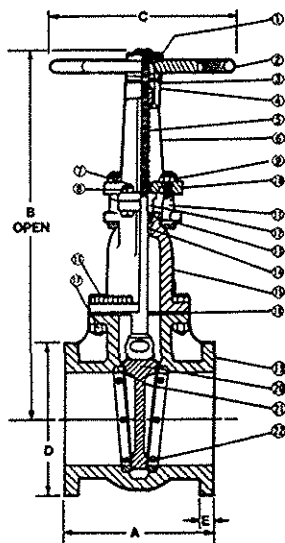


Fig. 1793
Flanged, Bronze Trimmed
Fig. 1816 Flanged, All Iron
Sizes, 2"-36"

FEATURES

- Solid Wedges
- Renewable Seat Rings in Bronze
Trimmed valves. Integral seats in
All Iron Valves
- Body has five Tapping Bosses

CLASS 125 OUTSIDE SCREW RISING STEM BOLTED FLANGED YOKE-BONNET FLANGED ENDS

PRESSURE/TEMPERATURE RATINGS

2" to 12"	125 psi Steam at 450°F
	200 psi Non-Shock Cold Water, Oil or Gas
14" to 24"	100 psi Steam at 350°F
	150 psi Non-Shock Cold Water, Oil or Gas
30" & 36"	150 psi Non-Shock Cold Water, Oil or Gas

MATERIALS

DESCRIPTION	MATERIAL	ASTM Spec.
1 Handwheel Nut	Ductile Iron Cast 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-B
8 Yoke Bolt Nut	Steel	A-307-B
9 Packing Gland Nut	Steel	A-307-B
10 Packing Gland Flange	Ductile iron	A-536
11 Packing Gland Stud	Steel	A-307-B
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-B
17 Bonnet Bolt Nut	Steel	A-307-B
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

- Conforms to MSS SP-70 Type 1

DIMENSIONS (Inches)

Size	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	30	36
A	7	7 1/2	8	9	10	10 1/2	11 1/2	13	14	15	16	17	18	20	24	28
B	14 23/32	16 21/32	18 55/64	23 7/16	27 23/32	32 1/4	39 29/64	48 5/32	56 1/16	62 7/16	71 1/16	79	87 1/8	100 1/16	135	160
C	7	7	8	10	12	12	14	16	18	20	22	24	24	30	36	46
D	6	7	7 1/2	9	10	11	13 1/2	16	19	21	23 1/2	25	27 1/2	32	38 3/4	46
E	5/8	11/16	3/4	15/16	15/16	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 9/16	1 11/16	1 7/8	2 1/8	2 3/8

WEIGHTS (Pounds)

Fig. 1793	36	48	62	108	145	186	294	460	618	880	1166	1467	1824	2618	4800	8700
Fig. 1816	36	48	60	103	143	186	298	441	628	880	1166	1467	1824	2618	4800	8700