

CLASS 250S IRON BODY GATE

- Bolted Bonnet,Rising Stem,Solid Wedge Disc,Bronze Mounted,Outside Screw and Yoke.
- Conforms to MSS SP-70,Flanged End and Drilling to ANSI B16.1
- Working Pressure:

250 PSI Steam to 450° F or 232° C

500 PSI Non-Shock Cold Water,Oil or Gas to -20° F to 150° F or -29° C to 66° C

MATERIAL LIST

Item	No.	Part	Material	Specification
1	01	Body	Cast Iron	ASTM A126-B
2	03	Disc	Cast Iron	ASTM A126-B
3	14	Gasket	Non-Asbestos	
4	02	Bonnet	Cast Iron	ASTM A126-B
5	28H	Hex.Head Bolt	Steel	ASTM A307-A
6	15	Packing	Non-Asbestos Packing	
7	07	Gland	Cast Bronze	ASTM B62
8	06	Gland Flange	Ductile Iron	ASTM A536
9	04	Yoke	Cast Iron	ASTM A126-B
10	05	Hand Wheel	Cast Iron	ASTM A126-B
11	18	Wheel Nut	Ductile Iron	ASTM A536
12	11C	Sleeve Nut	Ductile Iron	ASTM A536
13	09	Yoke Sleeve	Cast Bronze	ASTM B62
14	12	Stem	Brass	ASTM B16
15	27	Nut	Steel	ASTM A307-A
16	28S	Square Head Bolt	Steel	ASTM A307-A
17	09B	Bonnet Bush	Cast Bronze	ASTM B62
18	28H	Hex.Head Bolt	Steel	ASTM A307-A
19	08D	Disc Seat Ring	Cast Bronze	ASTM B62
20	08B	Body Seat Ring	Cast Bronze	ASTM B62

■ Body has five Tapping Bosses.

Nominal Size	Dimensions							Unit: inch		Net Wt. lbs.
	H	J	L	C	D	R	D1	T	n x h	
2"	15.03	13.02	8.50	5	6½	4 ³ / ₁₆	7	7/8	8x ³ / ₄	52.8
2-1/2"	17.07	14.52	9.50	5 ⁷ / ₈	7½	4 ¹⁵ / ₁₆	8	1	8x ⁷ / ₈	70.4
3"	19.37	16.29	11.13	6 ⁵ / ₈	8¼	5 ¹¹ / ₁₆	10	1½	8x ⁷ / ₈	102.3
4"	23.63	19.52	12.00	7 ⁷ / ₈	10	6 ¹⁵ / ₁₆	12	1¼	8x ⁷ / ₈	157.3
5"	27.91	22.80	15.00	9¼	11	8 ⁵ / ₁₆	12	1 ³ / ₈	8x ⁷ / ₈	198.0
6"	32.44	26.18	15.88	10 ⁵ / ₈	12½	9 ¹¹ / ₁₆	14	1 ⁷ / ₁₆	12x ⁷ / ₈	258.5
8"	40.57	32.32	16.50	13	15	11 ¹⁵ / ₁₆	16	1 ⁵ / ₈	12x1	451.0
10"	49.04	38.70	18.00	15¼	17½	14 ¹ / ₁₆	18	1 ⁷ / ₈	16x1 ¹ / ₈	649.0
12"	56.78	44.35	19.75	17 ³ / ₄	20½	16 ⁷ / ₁₆	20	2	16x1¼	913.0

■ Note: Design and materials are subject to change without notice.

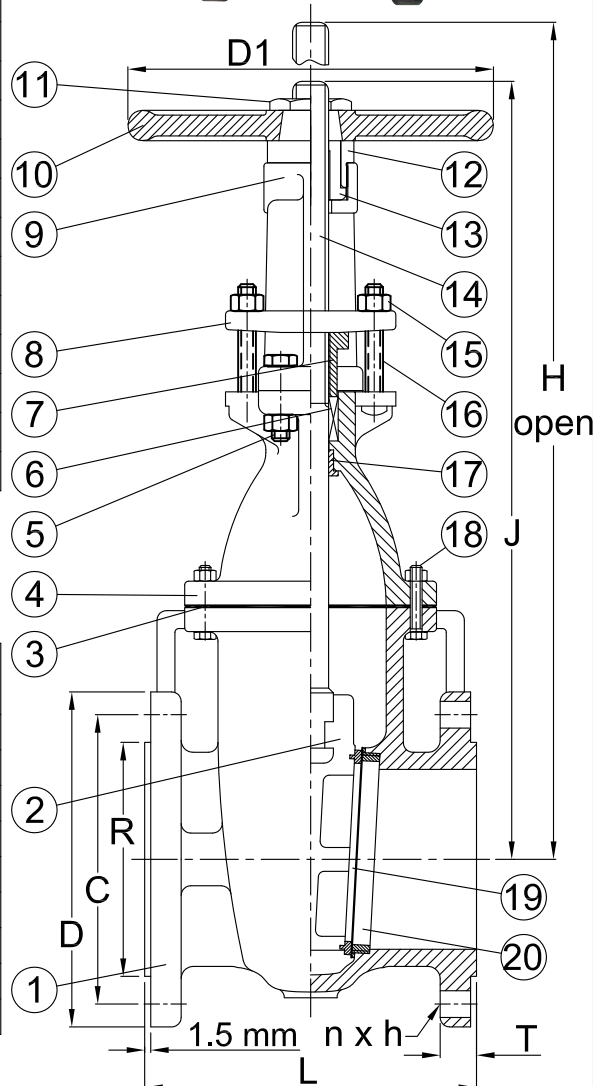
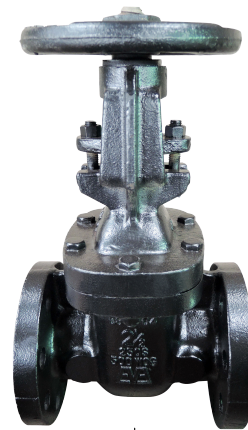


Fig: 772A



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