

CLASS 125S IRON BODY GATE

- Bolted Bonnet, Non-Rising Stem, Solid Wedge, Bronze Mounted
- Conforms to MSS SP-70, Flanged End and Drilling to ANSI B16.1
- Working Pressure:
125 PSI Steam to 450° F or 232° C
200 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	13	Disc Nut	Cast Bronze	ASTM B62
4	14S	Gasket	Non-Asbestos	
5	27	Nut	Steel	ASTM A307-A
6	15	Packing	Non-Asbestos Packing	
7	28D	Stud Bolt	Steel	ASTM A307-A
8	06	Gland Flange	Ductile Iron	ASTM A536
9	27	Nut	Steel	ASTM A307-A
10	27	Nut	Steel	ASTM A307-A
11	05	Hand Wheel	Cast Iron	ASTM A126-B
12	12	Stem	Brass	ASTM B16
13	07	Gland	Cast Bronze	ASTM B62
14	04	Stuffing Box	Cast Iron	ASTM A126-B
15	02	Bonnet	Cast Iron	ASTM A126-B
16	27	Nut	Steel	ASTM A307-A
17	14	Gasket	Non-Asbestos	
18	28H	Hex. Head Bolt	Steel	ASTM A307-B
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	L	C	D	D1	T	n x h	
2"	12.28	7.0	4 ³ / ₄	6	7	5 ⁸ / ₁₆	4x ³ / ₄	33
2-1/2"	13.25	7.5	5 ¹ / ₂	7	7	11 ¹ / ₁₆	4x ³ / ₄	44
3"	15.00	8.0	6	7 ¹ / ₂	8	3 ⁴ / ₁₆	4x ³ / ₄	55
4"	17.75	9.0	7 ¹ / ₂	9	10	15 ¹ / ₁₆	8x ³ / ₄	95
5"	20.13	10.0	8 ¹ / ₂	10	12	15 ¹ / ₁₆	8x ⁷ / ₈	132
6"	23.11	10.5	9 ¹ / ₂	11	12	1	8x ⁷ / ₈	172
8"	27.75	11.5	11 ³ / ₄	13 ¹ / ₂	14	1 ¹ / ₈	8x ⁷ / ₈	271
10"	32.91	13.0	14 ¹ / ₄	16	16	1 ³ / ₁₆	12x1	361
12"	37.36	14.0	17	19	18	1 ¹ / ₄	12x1	578

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

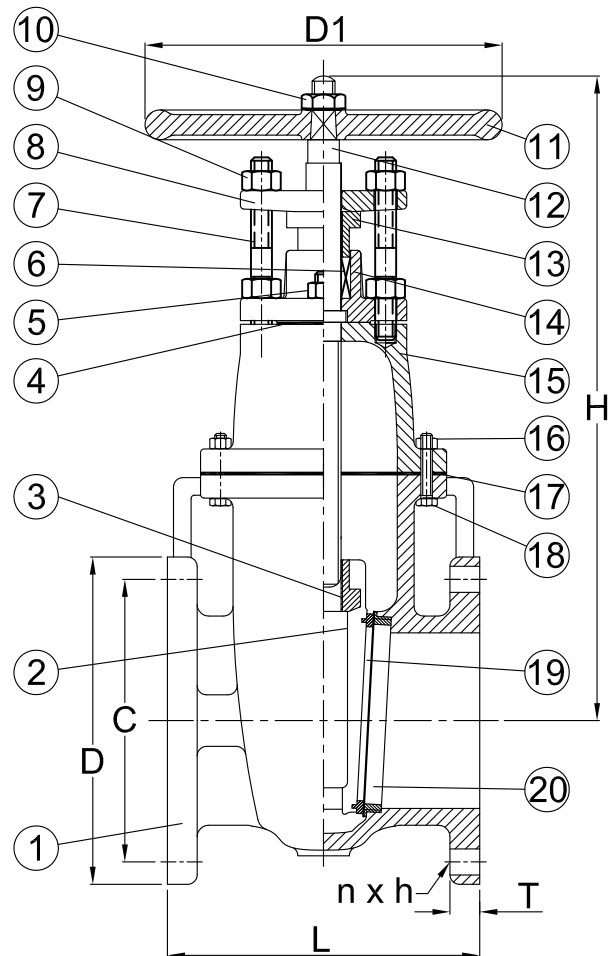


Fig: 761A



EVER METAL INDUSTRY CO.,LTD

CLASS 100S IRON BODY GATE

- Bolted Bonnet, Non-Rising Stem, Solid Wedge, Bronze Mounted
- Conforms to MSS SP-70, Flanged End and Drilling to ANSI B16.1
- Working Pressure:
100 PSI Saturated Steam to 350° F or 177° C
150 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	13	Disc Nut	Cast Bronze	ASTM B62
4	14S	Gasket	Non-Asbestos	
5	27	Nut	Steel	ASTM A307-A
6	15	Packing	Non-Asbestos Packing	
7	28F	Full Thread Bolt	Steel	ASTM A307-A
8	06	Gland Flange	Ductile Iron	ASTM A536
9	27	Nut	Steel	ASTM A307-A
10	27	Nut	Steel	ASTM A307-A
11	05	Hand Wheel	Cast Iron	ASTM A126-B
12	12	Stem	Brass	ASTM B16
13	07	Gland	Cast Bronze	ASTM B62
14	04	Stuffing Box	Cast Iron	ASTM A126-B
15	02	Bonnet	Cast Iron	ASTM A126-B
16	27	Nut	Steel	ASTM A307-A
17	14	Gasket	Non-Asbestos	
18	28H	Hex. Head Bolt	Steel	ASTM A307-B
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							Net Wt. lbs.
	H	L	C	D	D1	T	n x h	
14"	41.38	15	18 ³ / ₄	21	20	1 ³ / ₈	12x1 ¹ / ₈	660
16"	46.85	16	21 ¹ / ₄	23 ¹ / ₂	22	1 ⁷ / ₁₆	16x1 ¹ / ₈	1165
18"	49.84	17	22 ³ / ₄	25	24	1 ⁹ / ₁₆	16x1 ¹ / ₄	1462
20"	54.88	18	25	27 ¹ / ₂	24	1 ¹¹ / ₁₆	20x1 ¹ / ₄	1801
24"	64.25	20	29 ¹ / ₂	32	30	1 ⁷ / ₈	20x1 ³ / ₈	2600

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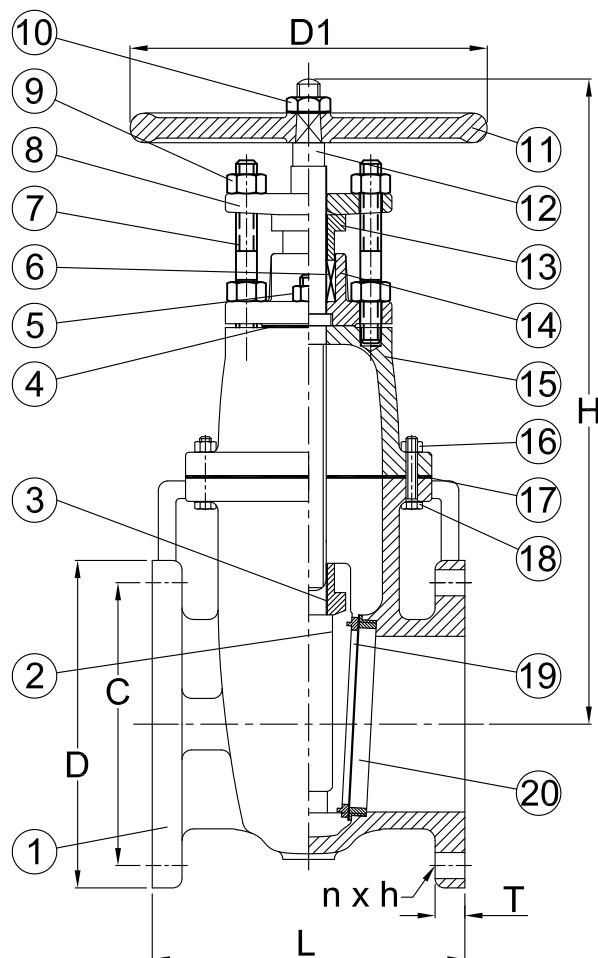


Fig: 761A



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