

CLASS 125 IRON BODY GATE VALVES

● Outside Screw and Yoke ● Bolted Bonnet ● Rising Stem ● Solid Wedge Disc

SIZE	Hydrostatic test pressure(psi)	
	Shell	Seat
2"~12"	350	200
14"~20"	265	150

Face-to-Face dimensions comply with the ANSI B16.10

End flanges conform to ANSI B16.1

MATERIAL LIST

Item No.	Part	Material	Specification
1 01	Body	Cast Iron	ASTM A126-B
2 08B	Body Seat Ring	Cast Bronze	ASTM B62
3 08D	Disc Seat Ring	Cast Bronze	ASTM B62
4 03	Disc	Cast Iron	ASTM A126-B
5 13	Disc Nut	Cast Bronze	ASTM B62
6 14	Gasket	Non-Asbestos	
7 02	Bonnet	Cast Iron	ASTM A126-B
8 06	Gland Flange	2"~12"Ductile Iron	ASTM A536
		14"~20"Cast Iron	ASTM A126-B
9 27	Nut	Steel	ASTM A307-A
10 28S	Square Head Bolt	Steel	ASTM A307-A
11 12	Stem	Stainless Steel	SUS410
12 04	Yoke	Cast Iron	ASTM A126-B
13 05	Hand Wheel	2~12"Cast Iron	ASTM A126-B
		14~20"Ductile Iron	ASTM A536
14 18	Wheel Nut	Ductile Iron	ASTM A536
15 09	Yoke Sleeve	Cast Bronze	ASTM B62
16 15	Packing	Non-Asbestos Packing	
17 28H	Hexagon Head Bolt	Steel	ASTM A307-A
18 27	Nut	Steel	ASTM A307-A

Nominal Size	Dimensions					Unit: inch		Net Wt. Lbs.
	H	L	C	D	D1	T	n x h	
2"	12 ⁵ / ₈	7	4 ³ / ₄	6	6 ⁵ / ₁₆	5 ⁸ / ₁₆	4x ³ / ₄	30.4
2-1/2"	13 ³ / ₄	7 ¹ / ₂	5 ¹ / ₂	7	6 ⁵ / ₁₆	11 ¹ / ₁₆	4x ³ / ₄	36.8
3"	15 ⁷ / ₁₆	8	6	7 ¹ / ₂	7	3 ⁴ / ₁₆	4x ³ / ₄	45.0
4"	19 ⁷ / ₁₆	9	7 ¹ / ₂	9	7 ⁷ / ₈	15 ¹ / ₁₆	8x ³ / ₄	73.9
5"	24 ⁵ / ₁₆	10	8 ¹ / ₂	10	9 ⁷ / ₈	15 ¹ / ₁₆	8x ⁷ / ₈	112.5
6"	27 ⁹ / ₁₆	10 ¹ / ₂	9 ¹ / ₂	11	11	1	8x ⁷ / ₈	141.1
8"	34 ¹³ / ₁₆	11 ¹ / ₂	11 ³ / ₄	13 ¹ / ₂	11 ¹³ / ₁₆	1 ¹ / ₈	8x ⁷ / ₈	222.7
10"	43 ³ / ₁₆	13	14 ¹ / ₄	16	14	1 ³ / ₁₆	12x1	359.4
12"	50 ¹ / ₈	14	17	19	15 ³ / ₄	1 ¹ / ₄	12x1	515.9
14"	60	15	18 ³ / ₄	21	17 ³ / ₄	1 ³ / ₈	12x1 ¹ / ₈	748
16"	67	16	21 ¹ / ₄	23 ¹ / ₂	19 ¹¹ / ₁₆	1 ⁷ / ₁₆	16x1 ¹ / ₈	1056
18"	76 ⁵ / ₁₆	17	22 ³ / ₄	25	22	1 ⁹ / ₁₆	16x1 ¹ / ₄	1232
20"	84 ¹ / ₄	18	25	27 ¹ / ₂	22	1 ¹¹ / ₁₆	20x1 ¹ / ₄	1628

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

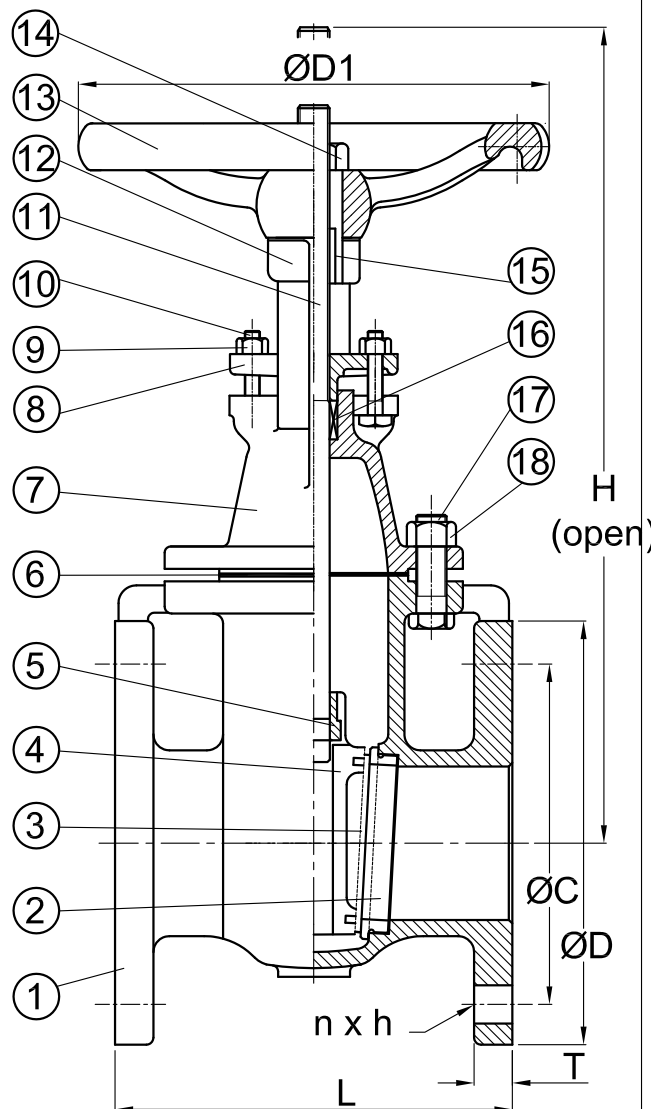
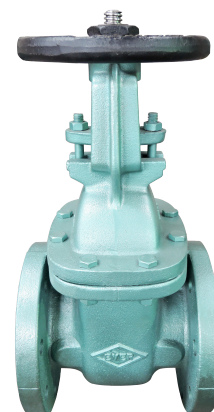


Fig. 702A



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