

CLASS 125 IRON BODY GATE VALVES

● Bolted Bonnet ● Non-Rising Stem ● Solid Wedge ● Bronze Mounted

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	14S	Gasket	Non-Asbestos	
9	28F	Full Thread Bolt	Steel	ASTM A307-A
10	06	Gland Flange	2"~12"Ductile Iron	ASTM A536
			14"~20"Cast Iron	ASTM A126-B
11	27	Nut	Steel	ASTM A307-A
12	12	Stem	Stainless Steel	SUS410
13	05	Hand Wheel	2~12"Cast Iron	ASTM A126-B
			14~20"Ductile Iron	ASTM A536
14	27	Stem Nut	Steel	ASTM A307-A
15	15	Packing	Non-Asbestos Packing	
16	04	Stuffing Box	2"~12"Ductile Iron	ASTM A536
			14"~20"Cast Iron	ASTM A126-B
17	28H	Hexagon Head Bolt	Steel	ASTM A307-A
18	27	Nut	Steel	ASTM A307-A

* Available with Standard Operating Nut as well.

Nominal Size	Dimensions							Net Wt. Lbs.
	H	L	C	D	D1	T	n x h	
2"	9 ¹⁵ / ₁₆	7	4 ³ / ₄	6	6 ⁵ / ₁₆	5 ⁵ / ₈	4x ³ / ₄	33
2-1/2"	10 ⁵ / ₈	7 ¹ / ₂	5 ¹ / ₂	7	6 ⁵ / ₁₆	1 ¹¹ / ₁₆	4x ³ / ₄	39.7
3"	12 ¹ / ₈	8	6	7 ¹ / ₂	7	3 ³ / ₄	4x ³ / ₄	48
4"	14 ⁷ / ₁₆	9	7 ¹ / ₂	9	7 ⁷ / ₈	1 ¹⁵ / ₁₆	8x ³ / ₄	73.5
5"	17 ¹ / ₁₆	10	8 ¹ / ₂	10	9 ⁷ / ₈	1 ¹⁵ / ₁₆	8x ⁷ / ₈	108
6"	19 ¹ / ₈	10 ¹ / ₂	9 ¹ / ₂	11	11	1	8x ⁷ / ₈	135.6
8"	23 ¹ / ₈	11 ¹ / ₂	11 ³ / ₄	13 ¹ / ₂	11 ¹³ / ₁₆	1 ¹ / ₈	8x ⁷ / ₈	205
10"	27 ⁷ / ₁₆	13	14 ¹ / ₄	16	14	1 ³ / ₁₆	12x1	333.8
12"	31 ³ / ₁₆	14	17	19	15 ³ / ₄	1 ¹ / ₄	12x1	470.9
14"	37 ¹ / ₂	15	18 ³ / ₄	21	17 ³ / ₄	1 ³ / ₈	12x1 ¹ / ₈	682
16"	41 ¹ / ₈	16	21 ¹ / ₄	23 ¹ / ₂	19 ¹¹ / ₁₆	1 ⁷ / ₁₆	16x1 ¹ / ₈	957
18"	44 ⁹ / ₁₆	17	22 ³ / ₄	25	22	1 ⁹ / ₁₆	16x1 ¹ / ₄	1212
20"	48 ¹¹ / ₁₆	18	25	27 ¹ / ₂	22	1 ¹¹ / ₁₆	20x1 ¹ / ₄	1558

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

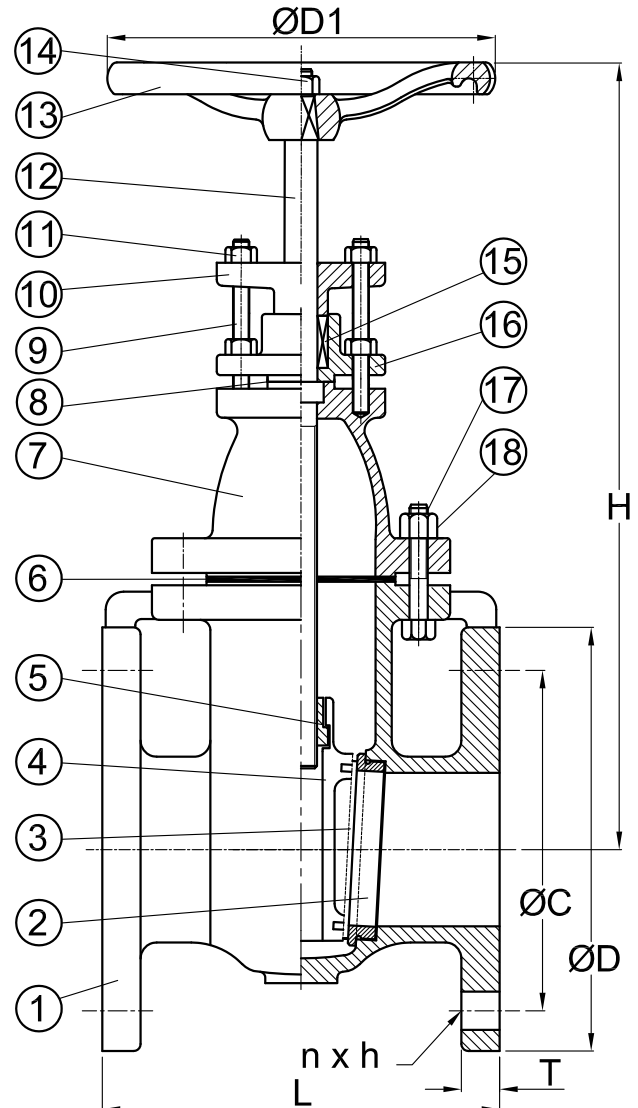
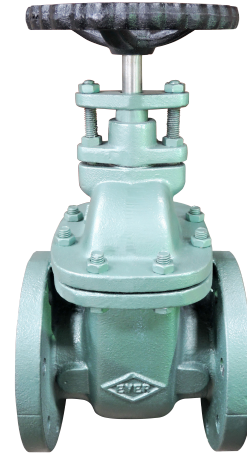


Fig. 701A



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