

CLASS 125 IRON BODY CHECK VALVES

● Bolted Bonnet ● Horizontal Swing ● Renewable Seat and Disc

Primary service pressure non-shock(psi)		Hydrostatic test pressure(psi)	
		Shell	Seat
125	2"~12"	350	200
	14"~24"	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	22S	Split Pin		Stainless Steel	SUS 410
6	14	Gasket		Non-Asbestos	
7	14S	Gasket		Non-Asbestos	
8	28P	Plug		Brass	ASTM B16
9	22H	Hanger Pin	2"~12"	Brass	ASTM B16
			14"~24"	Stainless Steel	SUS 410
10	02	Cover		Cast Iron	ASTM A126-B
11	05	Hanger		Ductile Iron	ASTM A536
12	21	Washer		Steel	SS41 Plating
13	27	Nut		Steel	ASTM A307-A
14	28F	Full Thread Bolt		Steel	ASTM A307-A
15	28H	Bolt		Steel	ASTM A307-A
16	28E	Eye Bolt		Steel	ASTM A307-A

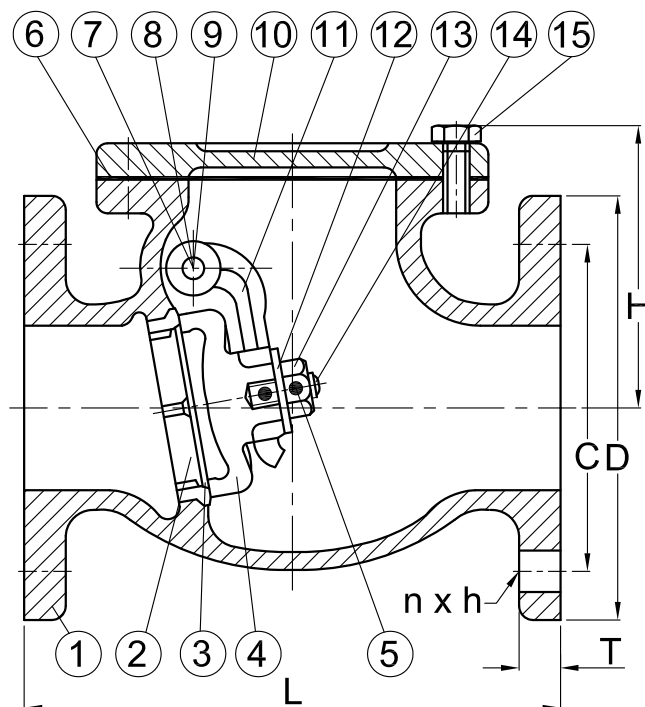
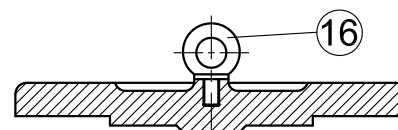


Fig: 703A



Size 14"to 24"inch

Dimensions

Unit: inch

Nominal Size	Dimensions						Net Wt.
	H	L	C	D	T	n x h	lbs.
2"	4 ³ / ₈	8	4 ³ / ₄	6	5 ⁸ / ₈	4x ³ / ₄	20.4
2-1/2"	5	8 ¹ / ₂	5 ¹ / ₂	7	1 ¹ / ₁₆	4x ³ / ₄	30.9
3"	5 ¹ / ₂	9 ¹ / ₂	6	7 ¹ / ₂	3 ⁴ / ₄	4x ³ / ₄	40.5
4"	6 ¹ / ₄	11 ¹ / ₂	7 ¹ / ₂	9	1 ⁵ / ₁₆	8x ³ / ₄	60.6
5"	7 ¹ / ₂	13	8 ¹ / ₂	10	1 ⁵ / ₁₆	8x ⁷ / ₈	91.6
6"	8	14	9 ¹ / ₂	11	1	8x ⁷ / ₈	119.5
8"	9 ¹¹ / ₁₆	19 ¹ / ₂	11 ³ / ₄	13 ¹ / ₂	1 ¹ / ₈	8x ⁷ / ₈	213.2
10"	11 ¹ / ₈	24 ¹ / ₂	14 ¹ / ₄	16	1 ³ / ₁₆	12x1	330
12"	13	27 ¹ / ₂	17	19	1 ¹ / ₄	12x1	506
14"	15 ¹ / ₂	31	18 ³ / ₄	21	1 ³ / ₈	12x1 ¹ / ₈	748
16"	17 ⁵ / ₈	36	21 ¹ / ₄	23 ¹ / ₂	1 ⁷ / ₁₆	16x1 ¹ / ₈	1008
18"	19 ⁵ / ₁₆	36	22 ³ / ₄	25	1 ⁹ / ₁₆	16x1 ¹ / ₄	1289
20"	22 ¹ / ₄	40	25	27 ¹ / ₂	1 ¹¹ / ₁₆	20x1 ¹ / ₄	1753
24"	24 ⁷ / ₈	48	29 ¹ / ₂	32	1 ⁷ / ₈	20x1 ³ / ₈	2607

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



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