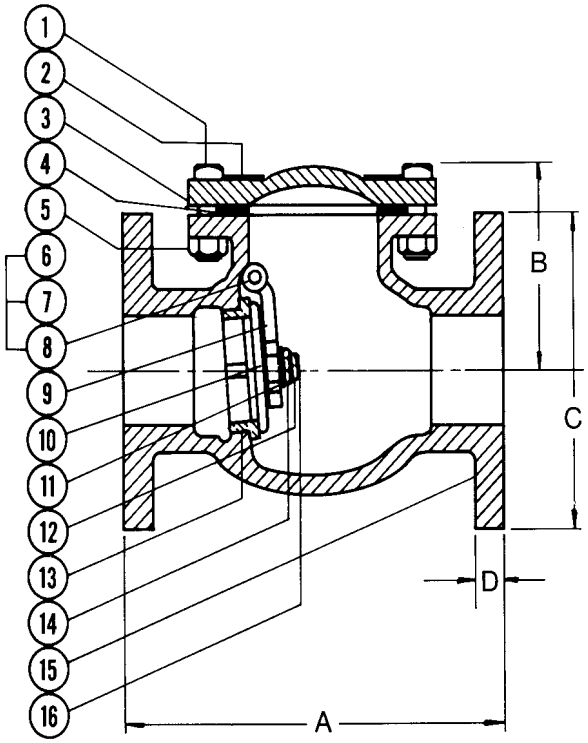
F-2974A 2”-12”

Iron Check Valve
125 SWP - 200 WOG †
Horizontal Swing • Flanged Ends
Bolted Cover
Conforms to: MSS SP-71

Flange shape and drilling to specification ASME B 16.1 (125 lb).



Note 1: On pump discharge, the preferred check valve is either an in-line spring loaded valve or a swing design with lever and weight. Install these valves as far as possible from the pump and elbows with a minimum distance of 5 times the pipe diameter.

Note 2: These iron body check valves may be installed in horizontal and vertical lines with upward flow or in intermediate position.

MATERIAL LIST

No.	PART	MATERIAL	SPECIFICATION
1	Bolt	Steel	
2	Name Plate	Aluminum	
3	Cover	Cast Iron	ASTM A126, Class B
4	Cover Gasket	Graphite	
5	Nut	Steel	
6	Side Plug	Brass	ASTM B16
7	Gasket	Graphite	
8	Hanger Pin	SS 304	ASTM B16
9	Hanger	Ductile Iron	ASTM A536
10 [1]	Disc	Cast Iron	ASTM A126, Class B
11	Washer	Steel	
12	Cotton Pin	Carbon Steel Galvonized	
13	Seat Ring	Bronze	ASTM B 62
14	Disc Nut	Steel	ASTM A307
15	Body	Cast Iron	ASTM A126, Class B
16	Stud Bolt	Brass	ASTM B16

[1] Valve Disc-Cast iron with bronze disc face rings.

DIMENSIONS - INCHES/MILLIMETERS

Units	Size	A	B	C	D	C_V
Inches	2	8.00	3.94	6.00	0.63	137
mm		203	100	1.52	16	
Inches	2 1/2	8.50	4.50	7.00	0.69	221
mm		216	114	178	17	
Inches	3	9.50	5.13	7.50	0.75	327
mm		241	130	191	19	
Inches	4	11.50	6.13	9.00	0.94	605
mm		292	156	229	24	
Inches	5	13.00	6.81	10.00	0.94	975
mm		330	173	254	24	
Inches	6	14.00	8.00	11.00	1.00	1440
mm		356	203	279	25	
Inches	8	19.50	9.44	13.50	1.13	2670
mm		495	240	343	29	
Inches	10	24.50	12.06	16.00	1.19	4300
mm		622	306	406	30	
Inches	12	27.50	16.13	19.00	1.25	6350
mm		699	410	483		

† Non-Shock
Note: Does not meet Senate Law S.3874