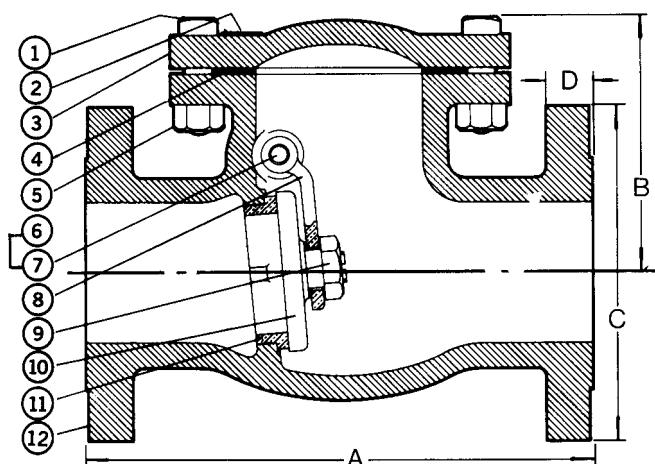


F-2970-M 2 1/2"-6"

Iron Check Valve
250 SWP - 500 WOG †
Horizontal Swing • Flanged Ends
Bolted Cover
Conforms to: MSS SP-71

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



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	Hanger Pin	Brass	ASTM B16
8	Hanger	Cast Bronze	ASTM B62
9	Disc Nut	Cast Bronze	ASTM B62
10 ¹	Disc	Cast Bronze	ASTM B62
11	Seat Ring	Cast Bronze	ASTM B62
12	Body	Cast Iron	ASTM A126, Class B

¹ 6" discs are cast iron with bronze face rings.

Note 1: On pump discharge, the preferred check valve is an in-line spring loaded 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. See 1400 and 1800 series.

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

DIMENSIONS - INCHES/MILLIMETERS

Units	Size	A	B	C	D	C _v
Inches	2 1/2	11.50	5.75	7.50	1.00	221
mm	63.50	292.10	146.05	190.50	25.40	
Inches	3	12.50	6.31	8.25	1.13	327
mm	76.20	317.50	160.35	209.55	28.58	
Inches	4	14.00	7.56	10.00	1.25	605
mm	101.60	355.60	192.10	254.00	31.75	
Inches	6	17.50	8.50	12.50	1.44	975
mm	152.40	444.50	215.90	317.50	36.53	

† Non-Shock

Accurate as of 5/25/17. For the most current information access www.milwaukeevalve.com