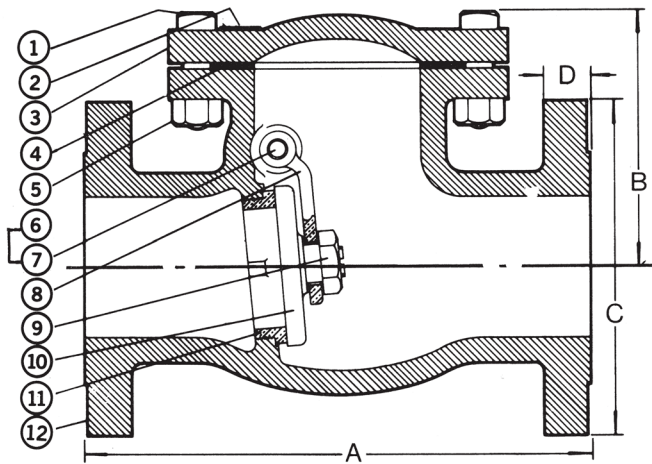


# IR322-HI 2 1/2"-6"

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 (250 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	Disc	Cast Bronze	ASTM B62
11	Seat Ring	Cast Bronze	ASTM B62
12	Body	Cast Iron	ASTM A126, Class B

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	Cv
Inches mm	2 1/2	11.50 292	5.75 146	7.50 190	1.00 25	242
Inches mm	3	12.50 318	6.31 160	8.25 210	1.13 29	366
Inches mm	4	14.00 356	7.56 192	10.00 254	1.25 32	572
Inches mm	6	17.50 445	8.50 216	12.50 318	1.44 37	1287

† Non-Shock

The information presented on this sheet is correct at time of publication. Hammond Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to [www.hammondvalve.com](http://www.hammondvalve.com). Hammond Valve is a registered trademark of Milwaukee Valve.

⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)