

Class 250 Iron Body Check Valves

Bolted Bonnet • Horizontal Swing • Renewable Bronze Seat and Disc*

250 PSI/17.2 Bar Saturated Steam to 406° F/207° C
500 PSI/34.5 Bar Non-Shock Cold Working Pressure
to -20° F to 150° F/-29° C to 66° C ♦

CONFORMS TO MSS SP-71 TYPE 1 • APPROVED BY
 THE NEW YORK CITY B.S.A. 143-69-SA AT 350 PSI
 NON-SHOCK COLD WATER

MATERIAL LIST

PART	SPECIFICATION
1. Body Bolt	Steel ASTM A 307
2. Identification Plate	Aluminum
3. Bonnet	Cast Iron ASTM A 126 Class B
4. Body Gasket	Reinforced Graphite
5. Body Nut	Steel ASTM A 307
6. Side Plug	Brass ASTM B 16 Alloy C36000
7. Hanger Pin	Brass ASTM B 16 Alloy C36000
8. Hanger	Cast Bronze ASTM B 584 Alloy C84400
9. Disc Nut	Cast Bronze ASTM B 584 Alloy C84400
10. Disc	Cast Bronze ASTM B 584 Alloy C84400
11. Seat Ring	Cast Bronze ASTM B 584 Alloy C84400
12. Body	Cast Iron ASTM A 126 Class B

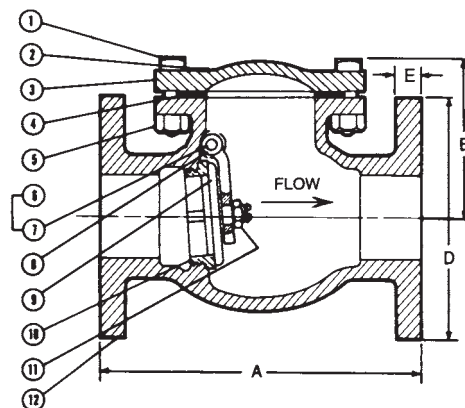


F-968-B
Flanged

DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions								Weight	
		A		B		D		E			
		In.	mm.	In.	mm.	In.	mm.	In.	mm.		
2½	65	11.50	292	5.83	149	7.50	191	1.00	25	62	28
3	80	12.50	318	6.31	160	8.25	210	1.13	29	77	35
4	100	14.00	356	7.56	192	10.00	254	1.25	32	129	58
6	150	17.50	445	8.50	216	12.50	318	1.44	37	225	102

* Proper machining facilities required.



F-968-B
Flg x Flg

♦ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 113.

WARNING: Do not use for Reciprocating Air Compressor Service.

NIBCO Iron Body Check Valves may be installed in both horizontal and vertical lines with upward flow or in any intermediate position.