

# Class 125 3% Nickel Iron Body Check Valves

Bolted Bonnet • \*Renewable Seat and Disc • Stainless Steel Trim

**125 PSI/8.6 Bar Fluid Pressure to 450° F/232° C**  
**200 PSI/13.8 Bar Non-Shock Cold Working Pressure**  
**to -20° F to 150° F/-29° C to 66° C** ◆

CONFORMS TO MSS SP-71

## MATERIAL LIST

PART	SPECIFICATION
1. Body Bolt	Steel ASTM A 307
2. Identification Plate	Aluminum
3. Bonnet	ASTM A 126 3% Nickel Iron Class B
4. Body Gasket	Synthetic Fibers
5. Nut	Steel ASTM A 307
6. Side Plug	ASTM A 193 B8M S31600SS
7. Hanger Pin	ASTM A 276 S31600SS
8. Hanger	ASTM A 351 CF8M or ASTM A 126 3% Nickel Iron Class B
9. Disc	ASTM A 351 CF8M
10. Seat Ring	ASTM A 351 CF8M
11. Disc Nut	ASTM A 194 8M S31600 SS
12. Body	ASTM A 126 3% Nickel Iron Class B

12" and 10" have hex head steel capscrew.



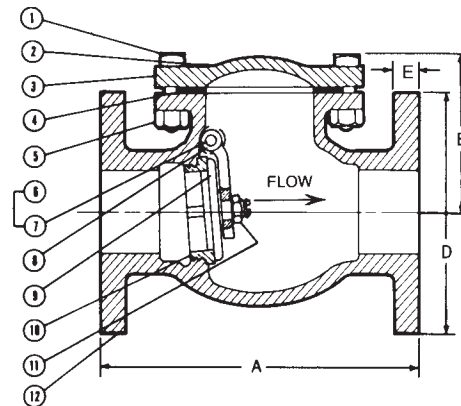
**F-918-13**  
Flanged

## DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions								Weight		
	A		B		D		E		Lbs.	Kg.	
In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		
2	50	8.00	203	3.94	100	6.00	152	.63	16	24	11
2½	65	8.50	216	4.50	114	7.00	178	.69	17	35	16
3	80	9.50	241	5.13	130	7.50	191	.75	19	47	21
4	100	11.50	292	6.13	156	9.00	229	.94	24	80	36
5	125	13.00	330	6.81	173	10.00	254	.94	24	100	46
6	150	14.00	356	8.00	203	11.00	279	1.00	25	146	66
8	200	19.50	495	9.44	240	13.50	343	1.13	29	255	116
10	250	24.50	622	12.06	306	16.00	406	1.19	30	426	193
12	300	27.50	699	16.13	410	19.00	483	1.25	32	657	298

\* Proper machining facilities required.

**NOTE:** On pump discharge, the preferred check valves are an in-line spring loaded, swing design with Lever and Weight or Lever and Spring. You should also install the check valve as far from the pump as possible and at the minimum length of 5 times the pipe diameter. Flow straighteners may be required.



**F-918-13**  
Flg x Flg

NIBCO check valves may be installed in both horizontal and vertical lines with upward flow or in any intermediate position.

**Warning:** Do not use for Reciprocating Air Compressor Service.

◆ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 111.