

# Class 125 Iron Body Check Valves

Twin Disc • Wafer Style • Ductile Iron Disc • Rubber Seat • Spring Actuated  
Non Slam • Silent Check

**150 PSI/10.3 Bar Non-Shock Cold Working Pressure**  
**Maximum Temperature to 180° F/82° C**



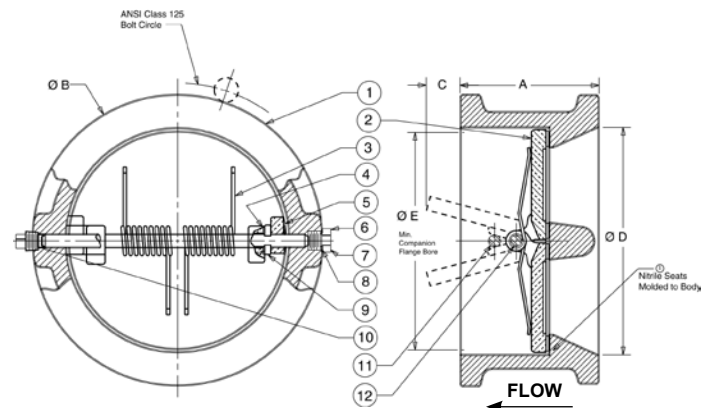
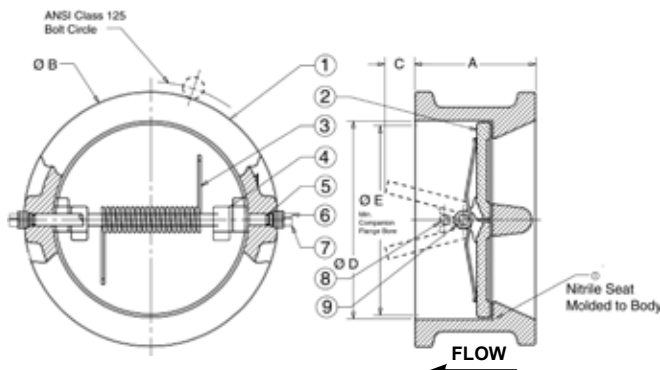
**W-920-W**  
Wafer

## MATERIAL LIST — 30"

PART	SPECIFICATION
1. Body	Cast Iron ASTM A126 Class B w/Buna-N (Nitrile) resilient seat molded to body
2. Disc	Nickel Plated D.I. ASTM A536 Grade 65-45-12
3. Torsion Spring	Stainless Steel ASTM A 313 UNS S31600 or UNS S17400
4. Disc Thrust Bearing	Stainless Steel ASTM A 240 UNS S31600
5. Stabilization Sphere	Nitrile ASTM D 2000
6. Hinge Pin Retainer	Steel
7. Stop Pin Retainer	Steel
8. Disc Stop Pin	Stainless Steel ASTM A 276 UNS S31600
9. Disc Hing Pin	Stainless Steel ASTM A 276 UNS S31600

## MATERIAL LIST — 36"

PART	SPECIFICATION
1. Body	Cast Iron ASTM A126 Class B
2. Disc	Nickel Plated D.I. ASTM A536 Grade 65-45-12
3. Torsion Spring	Stainless Steel ASTM A 313 UNS S31600 or UNS S17400
4. Inner Thrust Bearing	Stainless Steel ASTM A 240 UNS S31600
5. Outer Thrust Bearing	Stainless Steel ASTM A 240 UNS S31600
6. Hinge Pin Retainer	Steel
7. Stop Pin Retainer	Steel
8. O-Ring	Nitrile ASTM D 2000
9. Shaft Collar	Stainless Steel ASTM A 240 UNS S31600
10. Stabilization Sphere	Nitrile ASTM D 2000
11. Stop Pin	Stainless Steel ASTM A 276 UNS S31600
12. Hinge Pin	Stainless Steel ASTM A 276 UNS S31600



## DIMENSIONS—WEIGHTS—QUANTITIES

Size		Dimensions										Weight	
		A		B		C		D		E			
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		
30	750	12.00	305	34.75	883	9.50	241	30.00	762	28.50	724	1112	504
36	900	14.50	368	41.25	1048	12.00	305	36.00	914	34.50	876	1864	846

**NOTE:** Twin Disc Check Valves can be installed horizontally or in the vertical position with flow up.

### CAUTION:

For horizontal flow applications, the valve must be installed with disc hinge pin in the vertical position, to insure proper operation.

### WARNING:

1. Seat end of valve must be mated to a standard flat faced metal flange. Rubber flanges not acceptable.
2. These are not to be used as steam valves.
3. Valves are not to be used near a reciprocating air compressor.

**Note:** On pump discharge, the preferred check valves are:  
- inline, spring assisted, center-guided, lift checks  
- spring assisted twin (double) disc  
- swing design with lever and weight or lever and spring

Install 5 pipe diameters minimum downstream from pump discharge or changes in direction to avoid flow turbulence.  
Flow straighteners may be required in extreme cases.

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