

Lead-Free* 250 PSI WWP Iron Body Check Valves

Fire Protection Valve • UL listed FM Approved
Double-Door • Wafer Style • Rubber Seat • Spring Actuated
CERTIFIED LEAD-FREE* BY WQA TO NSF/ANSI 372
UL/ULC LISTED • FM APPROVED*



C USA
COMPONENT LEAD-FREE

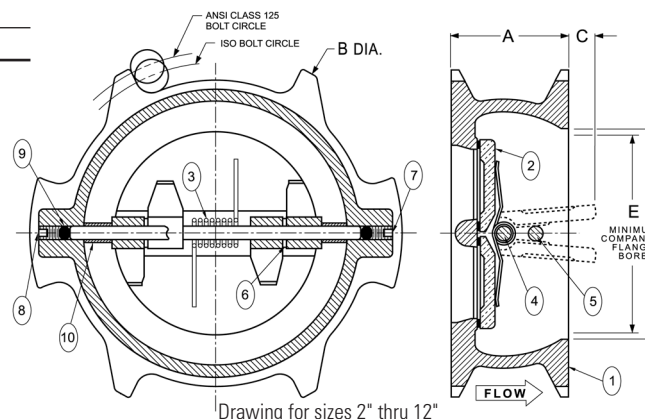


KW-900-W-LF

Wafer Style
2½" - 12"

MATERIAL LIST	
PART	SPECIFICATION
1. Body	Ductile Iron ASTM A536, Grade 65-45-12 - 2" thru 12" 14" thru 16" Cast Iron ASTM 126, Class B w/ Buna-N (Nitrile) resilient seat molded to body
2. Disc	Bronze ASTM B584 Alloy C87600
3. Torsion Spring	Stainless Steel
4. Hinge Pin	Stainless Steel
5. Stop Pin	Stainless Steel
6. Thrust Bearing	Stainless Steel
7. Hinge Pin Retainer	Steel
8. Stop Pin Retainer	Steel
9. Stabilization Sphere	Buna-N
10. Spacer	Stainless Steel ASTM A276 UNS S31600

KW-900-W-LF
Wafer



Drawing for sizes 2" thru 12"

DIMENSIONS—WEIGHTS—QUANTITIES

DIMENSIONS - WEIGHTS - QUANTITIES														
Size		Dimensions										Weight		
		A		B		C		D		E				
In. mm.		In. mm.		In. mm.		In. mm.		In. mm.		In. mm.		C/V	Lbs.	Kg.
2½ 65		2.38 60		6.00 152		.125 3		3.50 89		1.313 33		108	4.3	1.95
3 80		2.63 67		5.63 143		.188 5		3.875 98		1.688 43		178	6.1	2.77
4 100		2.63 67		7.75 197		.625 16		4.75 121		3.063 78		440	8.8	3.99
5 125		3.25 83		7.56 192		.813 21		5.50 140		3.625 92		560	13.0	5.90
6 150		3.75 95		8.63 219		.813 21		6.25 159		4.250 108		840	18.0	8.16
8 200		5.00 127		12.25 311		1.000 25		8.00 203		5.500 140		1600	37.0	16.78
10 250		5.50 140		14.75 375		2.125 54		10.12 257		8.500 216		2700	65.0	29.48
12 300		7.13 181		17.38 441		1.938 49		12.00 305		9.250 235		4700	94.0	42.64
14 350		7.25 184		17.75 451		3.250 83		— —		13.000 330		5200	200.0	90.75
16 400		7.50 191		20.25 514		4.500 114		— —		15.000 381		7200	285.0	129.28

*Note: 14" and 16" sizes, 200 PSI WWP, FM approved only – P.O.A.

Features

- Spring loaded for fast closure, eliminating reverse flow slam and water hammer.
- Easily installed, with gasket, between standard class 125 flanges.
- Only one set of flange studs is needed.
- May be installed in both horizontal and vertical lines with upward flow.



NOTE:

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

CAUTION:

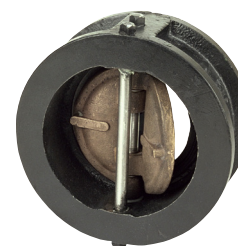
For horizontal flow applications, the valve must be installed with disc hinge pin in the vertical position to insure proper operation.

WARNING:

1. These are not to be used as steam valves
2. Valves are not to be used near a reciprocating air compressor
3. Install 5 pipe diameters minimum downstream from pump discharge or elbows to avoid flow turbulence. Flow straighteners may be required in extreme cases.

NOTE:

On pump discharge, the preferred check valves are in-line spring loaded.



KW-900-W-LF

Wafer Style
14" - 16"

*Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content ≤ 0.25% per the Safe Drinking Water Act (Sec. 1417) amended 1-4-2011 and other equivalent state regulations.