



Cast Iron Wafer Body Check Valves

— Double Disc Design —



Keckley Wafer-Style, Cast Iron, Body Double Disc Check Valves are produced by the investment casting process. Valves listed below are ANSI 125lb (*cast iron*) class, but 150lb and 300lb (*ductile iron, steel or stainless steel*) rated check valve options are available. The Style DD check valves can be installed in both vertical and horizontal applications (*Call for all downward vertical flow installations*).

The *Keckley* cast iron wafer double disc check valve has pin retainer holes in the body. Plugs are inserted into the retainer holes to hold the hinge pin and stop in place (*Retainerless check valves are available in bronze, carbon steel, stainless steel, and other specialty cast alloys*). Available in multiple elastomer options: Buna, EPDM, Viton, PTFE Teflon, Neoprene or metal options – please call for specifications.

Standard Features:

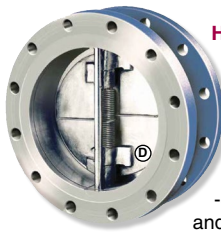
- Short face-to-face dimensions
- Low cracking pressures and field-serviceable design eliminates need for special tools
- Standard cracking pressure of .3 PSI (horizontal mounting)
- Epoxy coating is standard
- Available sizes: 2" thru 48"
- Maximum Pressure of ANSI 125# Class at 450° F. is 125 PSI. At 150° F. maximum pressure is 200 PSI.
- Applicable Standards: Design API 594, Testing API 598, ASME B16.1, MSS SP-6, MSS SP-25
- ASTM A126, Class
- 316SS Disc & spring

Part No.	Pipe Size	Seat	GPM @ 1 PSI	
			Head Loss	Wt.
DZ DD1F-CI200B	2"	Buna	45	4 lbs.
DZ DD1F-CI250B	2.5"	Buna	70	6 lbs.
DZ DD1F-CI300B	3"	Buna	125	7 lbs.
DZ DD1F-CI400B	4"	Buna	270	12 lbs.
DZ DD1F-CI600B	6"	Buna	750	20 lbs.
DZ DD1F-CI800B	8"	Buna	1300	40 lbs.



Stainless Wafer Body Check Valves

— Double Disc Design —



High Performance Non-Slam Check Valves with compact wafer bodies. 316 Stainless body and discs with Inconel X-750 springs for maximum corrosion resistance. Valve design meets API 594 Standard. Wafer bodies fit between standard 150 lb. flanges (*ASME B16.5 & B16.47*). Rated to 150 PSI working pressure. Temperature rating is -320° to +700° F. Employs (2) independent springs and loaded plates with flat seats (*no elastomers*) that gives superior performance and a tight shutoff that meets industry standards. Also, plate heel is lifted first by design to prevent seat wear.

Part No.	Description
CD DUO2-SS	2" Duo-Check Wafer Stainless Check Valve
CD DUO3-SS	3" Duo-Check Wafer Stainless Check Valve
CD DUO4-SS	4" Duo-Check Wafer Stainless Check Valve
CD DUO6-SS	6" Duo-Check Wafer Stainless Check Valve
CD DUO8-SS	8" Duo-Check Wafer Stainless Check Valve

Call Toll Free For Prices

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Cast Iron Wafer Silent Check Valves

Keckley Silent Check Valves are suited for liquid applications only. Applications requiring natural gas, steam or vacuum service revert to options under the Keckley Double Disc Wafer Check Valve product line.

Available in multiple soft-seated or hard-seated options: Buna, EPDM, Viton® PTFE Teflon, Neoprene and specified grades of stainless steel.



Keckley's silent check valves are machined from rugged castings to meet exact specifications and are designed for applications where protection from flow reversal is required. Furthermore, the spring-assisted design allows the valve to close "ahead" of reverse flow once the pump is shut down. This check valve design reduces pressure spikes and the effect that water hammer can have on a plumbing system – reducing associated maintenance costs. If water hammer is causing maintenance related issues in your plumbing system – look towards a Keckley silent check valve as a potential alleviation.

Some key benefits of metal seated valves over soft-seated valves is their improved temperature rating, and the ability to be used in highly corrosive or abrasive applications.

Standard Features:

- Short face-to-face dimensions
- Spring automatically closes the disc at zero flow – preventing flow reversal and water hammer
- Disc is completely guided at top and bottom to prevent binding or cocking
- Minimum open area to equal 110% of pipe diameter
- Epoxy coating is standard
- Available sizes: 2" thru 12"
- Sizes 2" thru 6" are dual rated 125# and 250# rated (*cast iron*). 500 PSI @ 150° F.
- Sizes 8" thru 12" are 125# rated (*cast iron*). 200PSI @ 150° F.
- Applicable Standards: Design ASME B16.1, Testing API 598, MSS SP-6, MSS SP-25, MSS SP-55
- ASTM A126, Class B

Part No.	Pipe Size	Seat	GPM @ 1 PSI	
			Head Loss	Wt.
DZ CW1F-CI200	2"	304SS	58	5 lbs.
DZ CW1F-CI250	2.5"	304SS	90	8 lbs.
DZ CW1F-CI300	3"	304SS	150	10 lbs.
DZ CW1F-CI400	4"	304SS	210	18 lbs.
DZ CW1F-CI600	6"	304SS	420	42 lbs.
DZ CW1F-CI800	8"	304SS	705	85 lbs.

* Soft-seated valves available – Call with Specifications.

Wafer Check Valves

— Single Disc —

Wafer-Style Check Valves are designed for "in-line" mounting. Ideal for water, fertilizer, fuel and other liquids compatible with o-ring seats as shown. Compatible with Class 125 (*iron*) or Class 150 (*steel*) flanges. **Note:** *Can be mounted vertically or horizontally.*

Standard Features Include: Light Weight • Cast Iron Body • Viton® Seats Standard • 316 Stainless Steel Discs and Internal Springs • Rated to 125 PSI • Cracking pressure is approximately 0.5 PSI.



Part No.	Pipe Size	Seat	GPM @ 2 PSI Loss	
			Wt.	
KE SDR-2V	* 2"	Viton®	99	4 lbs.
KE SDR-3V	* 3"	Viton®	318	7 lbs.
KE SDR-4V	* 4"	Viton®	417	11 lbs.
KE SDR-6V	* 6"	Viton®	990	20 lbs.
KE SDR-8V	* 8"	Viton®	1796	29 lbs.

* *Champion Brand*