

Check Valves

Cast Iron - Swing Disc

Type CSW125IS Wafer Swing Check Valve ANSI 125/150 Class



The **Wafer Swing Check Valve** incorporates several features distinguishing it from conventional check valves for silent, fast, non slam operation. The most prominent of these is the accurately machined disc and its special quick closing action. Spring loading of the 316SS disc assures instantaneous closure to reversing flow, preventing build-up of momentum, the cause of damaging water hammer. The hinge pin design assures free movement of the disc and eliminates seizure under extreme conditions. Soft seat inserts are standard for positive sealing of hard-to-hold solvents and fluids. Lifting eye hook on 8" to 12" valves.

Operating Pressures and Temperatures

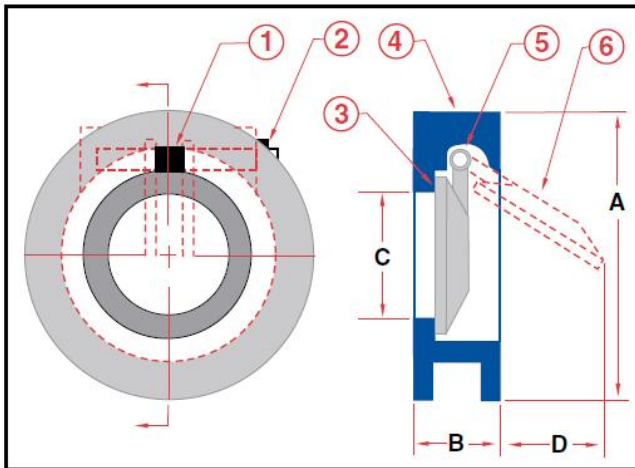
Service	Size	psi	Temp
WOG	2" - 12"	200	100°F

Construction

No	Name	Material
1	Torsion Spring	316 Stainless Steel
2	Plug	ASTM A126 Class B
3	O-Ring Seal	BUNA-N
4	Cast Body	ASTM A126 Class B
5	Shaft	316 Stainless Steel
6	Disc	316 Stainless Steel

Dimensional Data

Size Inches	Model	A	B	C	D	Shipping Weight (lbs)
2	0200CSW125IS	4 1/8	2 1/4	1 1/2	7/8	10
2 1/2	0250CSW125IS	4 7/8	2 3/8	1 3/4	1	12
3	0300CSW125IS	5 3/8	2 5/8	2 1/8	1 1/2	17
4	0400CSW125IS	6 7/8	2 1/4	3 1/8	2 1/4	26
5	0500CSW125IS	7 3/4	2 1/2	3 7/8	2 1/2	36
6	0600CSW125IS	8 3/4	2 3/4	4 3/4	2 3/4	53
8	0800CSW125IS	11	2 7/8	6 1/2	4	72
10	1000CSW125IS	13 3/8	3 1/8	7 3/4	7 3/16	115
12	1200CSW125IS	16 1/8	3 3/8	9 1/2	9	168



Ordering Information

Example: Include full description

Size Model
(Prefix) #

0400 - CSW125IS

4", Cast Iron Wafer Swing Check Valve,
BUNA-N Seat, 316SS Disc

Notes

Manufacturer reserves the right to modify dimensions, materials, or design. Contact factory for certification.

Valves are designed to operate on vertical and horizontal flow, see note 1.

NOTE 1

The wafer check valve is designed for installation between two pipe flanges in horizontal or vertical pipelines (in the latter case upward flow is preferred).

