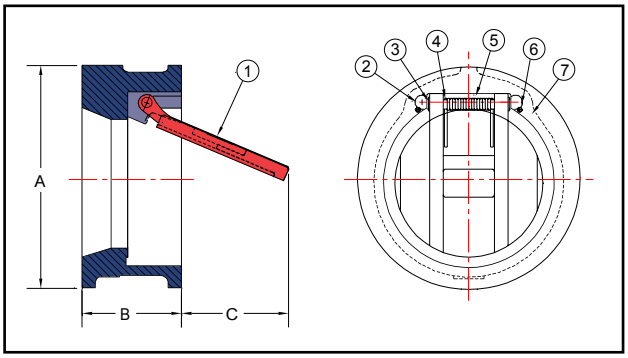
Wafer Swing Check Valves

CSW150SSMIR - Cast Stainless Steel

ASME Class 150 Wafer Swing Disc Design



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 316 Stainless Steel disc assures instantaneous closure to reversing flow, preventing build-up of momentum, which is the cause of damaging water hammer. The hinge pin design assures free movement of the disc and eliminates seizure under extreme conditions. Integral metal seat is standard for sealing. A lifting eye hook is standard on 8" to 14" valves.

Construction		
Item	Description	Material
1	Disc	A351 Gr. CF8M
2	Set Bolt	316 Stainless Steel
3	Washer	316 Stainless Steel
4	Guide	316 Stainless Steel
5	Torsion Spring	316 Stainless Steel
6	Insert	A351 Gr. CF8M
7	Cast Body	A351 Gr. CF8M

Notes:

- It is recommended that valves be installed 7 to 10 pipe lengths away from the turbulence.

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

Dimensions (Inches)						
Size		A	B	C	Cv	Shipping Weight (LBS)
Inches	Prefix					
2	0200	4 1/8	2 3/8	1 1/8	70	8
3	0300	5 3/8	2 7/8	1 1/2	225	16
4	0400	6 7/8	2 7/8	2 3/8	295	26
6	0600	8 3/4	3 7/8	3 3/4	700	55
8	0800	11	5	4	1,270	103
10	1000	13 3/8	5 3/4	5 7/16	2,350	143
12	1200	16 1/8	7 1/8	5 7/8	3,850	252
14	1400	17 3/4	7 1/4	7	4,250	294

Ordering Information

Example: Include full description

Size (Prefix)	Model Number
0400	**CSW150SSMIR**

4" Wafer Swing Check Valve, Cast Stainless Steel, 316 Stainless Steel Disc, Metal Seat

Operating Pressures and Temperatures		
Type	Size	psi @ Temp WOG
CSW150SSMIR	2" - 14"	275 @ 100 °F