

## Stainless Steel Swing Check Valve to ANSI/ASME Class 150, 1/2"~14"

## Series SC-CL150

### Features

- Suitable for a wide range of industry and media
- Precision, high quality investment castings
- Suitable for both horizontal and vertical installation
- Bolted cover; integral stainless steel seat
- EN10204-3.1 Material certificate available

### Standards

- Basic design to ASME B16.34
- Face-to-face acc. to ASME B16.10
- End flange dimension acc. to ASME B16.5
- Inspection & test acc. to API 598

### Limitation

- If installed in a vertical position, the direction of flow must be in an up-flow direction.
- If installed in a horizontal position, the valve must be installed with the cover oriented to the top.

### Materials List

No.	PARTS NAME	MATERIALS
1	BODY	CF8 / CF8M
2	DISC	CF8 / CF8M
3	HINGE	CF8 / CF8M
4	DISC NUT	SUS304 / SUS316
5	HINGE PIN	SUS304 / SUS316
6	GASKET 1/2"-6"	PTFE / 304+GRAPHITE
6	GASKET 8"-14"	304+GRAPHITE
7	COVER	CF8 / CF8M
8	NUT WASHER	SUS304
9	NUT	SUS304
10	DRAIN PLUG	SUS304
11	DISC CAP	CF8 / CF8M
12	DISC BOLT	SUS304

\* Enclosed is a condensed table. For complete options, contact PVS FLOW CONTROL directly.

### Dimensions (mm)

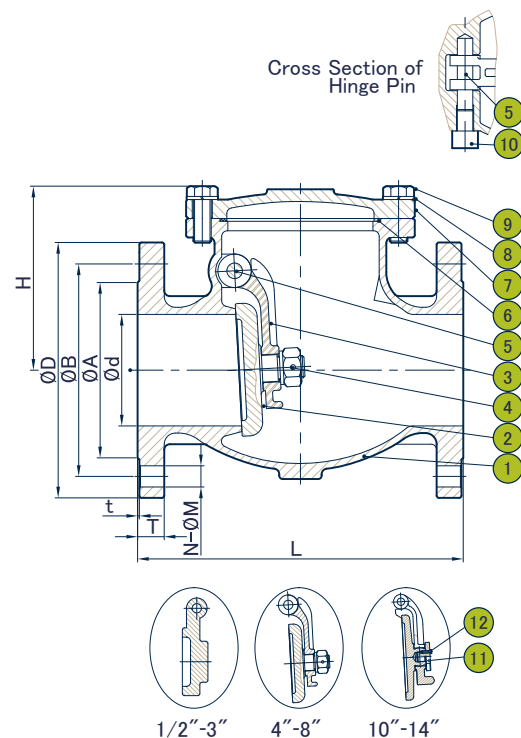
Size		d	L	H	T	t	A	B	D	N-ØM
IN	DN									
1/2"	15	15	108	51	11.1	1.6	35	60.5	89	4-Ø16
3/4"	20	20	117	54	11.1	1.6	43	70	98	4-Ø16
1"	25	25	127	64	11.1	1.6	51	79.5	108	4-Ø16
1 1/4"	32	32	140	68	12.7	1.6	64	89.5	117	4-Ø16
1 1/2"	40	40	165	75	14.3	1.6	73	98.5	127	4-Ø16
2"	50	50	203	97	15.9	1.6	92	120.5	152	4-Ø19
2 1/2"	65	65	216	111	17.5	1.6	105	139.5	178	4-Ø19

PMA: 275 psi (19 bar) @ 34°F

TMA: 350°F

Selection:

Material of Body:  
CF8M/CF8



Size		d	L	H	T	t	A	B	D	N-ØM
IN	DN									
3"	80	80	241	120	19.1	1.6	127	152.5	190	4-Ø19
4"	100	100	292	162	23.9	1.6	157	190.5	229	8-Ø19
5"	125	125	330	179	23.9	1.6	186	216	254	8-Ø22
6"	150	150	356	203	25.4	1.6	216	241.5	279	8-Ø22
8"	200	200	495	236	28.6	1.6	270	298.5	343	8-Ø22
10"	250	250	622	302	30.2	1.6	324	362	406	12-Ø25
12"	300	300	698	340	31.8	1.6	381	432	483	12-Ø25
14"	350	337	787	385	35	1.6	413	476.5	533	12-Ø29