

## Stainless Steel Swing Check Valve to ANSI/ASME Class 300, 1/2"~8"

### Series SC-CL300

#### 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

PMA: 720 psi (50 bar) @ 34°F

TMA: 350°F

Selection:

Material of Body:  
CF8M/CF8

#### Standards

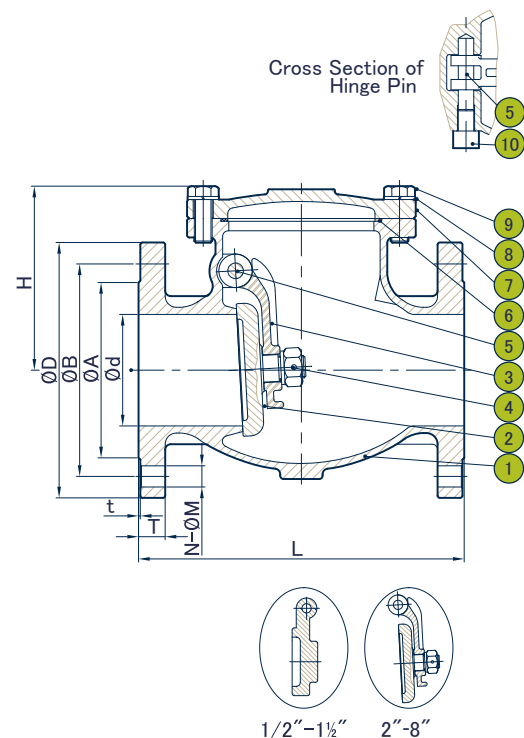
- Basic design to ASME B16.34
- Face-to-face acc. to ASME B16.10
- End flange dimension acc. to ASME B16.5
- Inspection & test acc. to API 598

#### 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	304+GRAPHITE
7	COVER	CF8 / CF8M
8	NUT WASHER	SUS304
9	NUT	SUS304
10	DRAIN PLUG	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	152	61	14.3	1.6	35	66.5	95	4-Ø16
3/4"	20	20	178	61	15.9	1.6	43	82.5	117	4-Ø19
1"	25	25	203	79	17.5	1.6	51	89	124	4-Ø19
1 1/2"	40	40	241	93	20.7	1.6	73	114.5	156	4-Ø22
2"	50	50	267	127	22.3	1.6	92	127	165	8-Ø19
2 1/2"	65	65	292	144	25.4	1.6	105	149	190	8-Ø22

Size		d	L	H	T	t	A	B	D	N-ØM
IN	DN									
3"	80	80	318	154	28.6	1.6	127	168	210	8-Ø22
4"	100	100	356	196	31.8	1.6	157	200	254	8-Ø22
5"	125	125	400	217	35	1.6	186	235	279	8-Ø22
6"	150	150	444	230	36.6	1.6	216	270	318	12-Ø22
8"	200	200	533	265	41.3	1.6	270	330	381	12-Ø25