

Stainless Steel Swing Check Valve to DIN/EN PN16-F1, DN15~DN300

Series SC-PN16-F1

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: 16 bar (232 psi) @ 50°C

TMA: 180°C

Selection:

Material of Body:
1.4408/1.4308

Standards

- Face-to-face acc. to DIN 3202-F1
- Basic design to ASME B16.34
- End flange dimension acc. to DIN 2633
- Inspection & test acc. to EN 12266-1

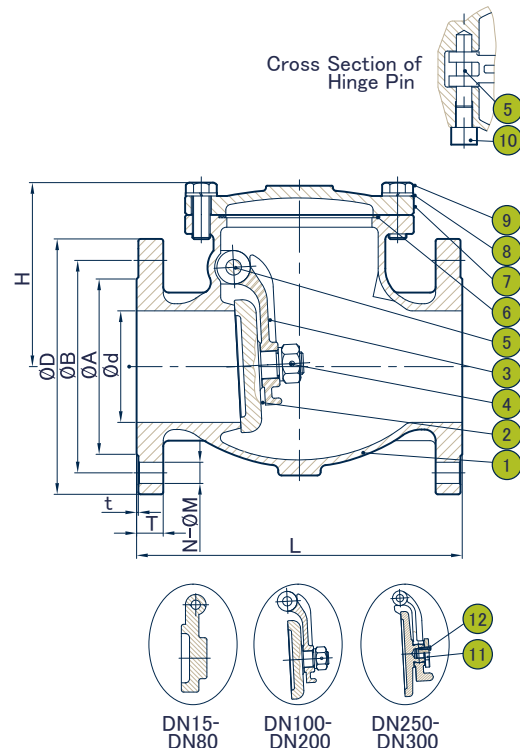
Limitation

- 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	1.4308 / 1.4408
2	DISC	1.4308 / 1.4408
3	HINGE	1.4308 / 1.4408
4	DISC NUT	SUS304 / SUS316
5	HINGE PIN	SUS304 / SUS316
6	GASKET 1/2"~6"	PTFE / 304+GRAPHITE
6	GASKET 8"~12"	304+GRAPHITE
7	COVER	1.4308 / 1.4408
8	NUT WASHER	SUS304
9	NUT	SUS304
10	DRAIN PLUG	SUS304
11	DISC CAP	1.4308 / 1.4408
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	130	51	14	2	45	65	95	4-Ø14
3/4"	20	20	150	54	16	2	58	75	105	4-Ø14
1"	25	25	160	64	16	2	68	85	115	4-Ø14
1 1/4"	32	32	180	68	16	2	78	100	140	4-Ø18
1 1/2"	40	40	200	75	16	3	88	110	150	4-Ø18
2"	50	50	230	97	18	3	102	125	165	4-Ø18
2 1/2"	65	65	290	111	18	3	122	145	185	4-Ø18

Size		d	L	H	T	t	A	B	D	N-ØM
IN	DN									
3"	80	80	310	120	20	3	138	160	200	8-Ø18
4"	100	100	350	162	20	3	158	180	220	8-Ø18
5"	125	125	400	179	22	3	188	210	250	8-Ø18
6"	150	150	480	203	22	3	212	240	285	8-Ø22
8"	200	200	600	236	24	3	268	295	340	12-Ø22
10"	250	250	730	302	26	3	320	355	405	12-Ø26
12"	300	300	850	340	28	4	378	410	460	12-Ø26