



Stainless Steel Swing Check Valve to DIN/EN

PN16-F1, DN15~DN300

PMA: 16 bar (232 psi)@50°C

TMA: 180°C

Series SC-PN16-F1

Selection: Material of Body:

1.4408/1.4308

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

- 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

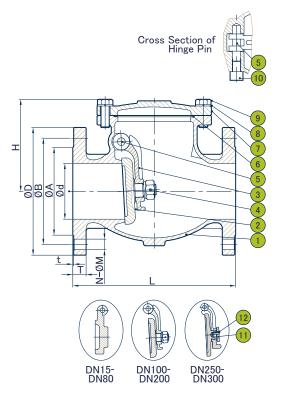
Limitation

- 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	Н	Т	t	Α	В	D	N-ØM
IN	DN	u	-	''	•	,	^	ا	ا	IN-SIVI
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
11/4"	32	32	180	68	16	2	78	100	140	4-Ø18
1½"	40	40	200	75	16	3	88	110	150	4-Ø18
2"	50	50	230	97	18	3	102	125	165	4-Ø18
2½"	65	65	290	111	18	3	122	145	185	4-Ø18



Size			ш	т			B		N-ØM
DN	u	_	''	'	٠,	^			IN-SIVI
80	80	310	120	20	3	138	160	200	8-Ø18
100	100	350	162	20	3	158	180	220	8-Ø18
125	125	400	179	22	3	188	210	250	8-Ø18
150	150	480	203	22	3	212	240	285	8-Ø22
200	200	600	236	24	3	268	295	340	12-Ø22
250	250	730	302	26	3	320	355	405	12-Ø26
300	300	850	340	28	4	378	410	460	12-Ø26
	DN 80 100 125 150 200 250	DN 80 80 100 125 125 150 200 200 250 250	DN d L 80 80 310 100 100 350 125 125 400 150 150 480 200 200 600 250 250 730	DN d L H 80 80 310 120 100 100 350 162 125 125 400 179 150 150 480 203 200 200 600 236 250 250 730 302	DN d L H T 80 80 310 120 20 100 100 350 162 20 125 125 400 179 22 150 150 480 203 22 200 200 600 236 24 250 250 730 302 26	DN d L H T t 80 80 310 120 20 3 100 100 350 162 20 3 125 125 400 179 22 3 150 150 480 203 22 3 200 200 600 236 24 3 250 250 730 302 26 3	DN d L H T t A 80 80 310 120 20 3 138 100 100 350 162 20 3 158 125 125 400 179 22 3 188 150 150 480 203 22 3 212 200 200 600 236 24 3 268 250 250 730 302 26 3 320	DN d L H T t A B 80 80 310 120 20 3 138 160 100 100 350 162 20 3 158 180 125 125 400 179 22 3 188 210 150 150 480 203 22 3 212 240 200 200 600 236 24 3 268 295 250 250 730 302 26 3 320 355	DN d L H T t A B D 80 80 310 120 20 3 138 160 200 100 100 350 162 20 3 158 180 220 125 125 400 179 22 3 188 210 250 150 150 480 203 22 3 212 240 285 200 200 600 236 24 3 268 295 340 250 250 730 302 26 3 320 355 405