

Cast Steel Swing Check Valve to ANSI CLASS 300, 2"~4"

Series SCF-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; robust construction
- EN10204-3.1 Material certificate available

PMA: 740 psi@34°F

TMA: 842°F

Selection:

Material of Body:
ASTM A216 WCB

Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5

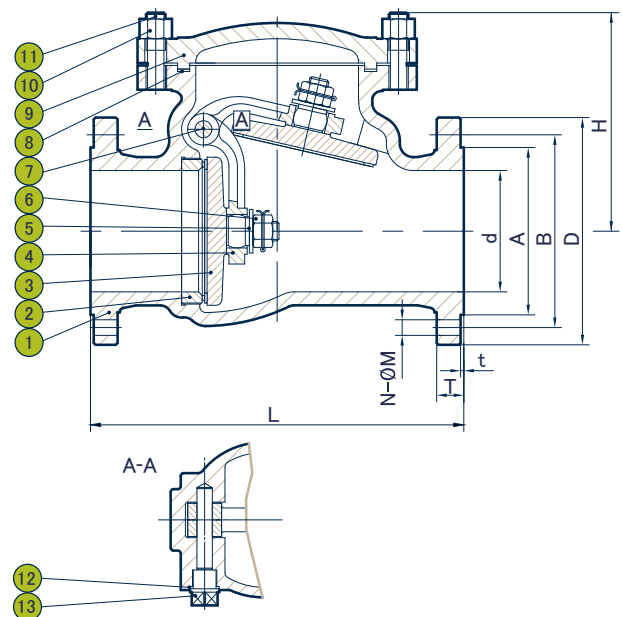
Limitation

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	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	GASKET	COPPER ALLOYS
13	DRAIN PLUG	CARBON STEEL

* 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	Weight kg
IN	DN										
2"	50	49	267	150	23	1.6	92	127	165	8-Ø19	20
2½"	65	62	292	170	26	1.6	105	149	190	8-Ø22	28.2
3"	80	74	318	190	29	1.6	127	168.5	210	8-Ø22	39
4"	100	100	356	210	32	1.6	157	200	254	8-Ø22	62

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.

Cast Steel Swing Check Valve to ANSI CLASS 300, 6"~24"

Series SCF-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; robust construction
- EN10204-3.1 Material certificate available

PMA: 740 psi@34°F

TMA: 842°F

Selection:

Material of Body:
ASTM A216 WCB

Standards

- Basic design to API6D
- Face-to-face acc. to B16.10
- End flange dimension acc. to B16.5

Limitation

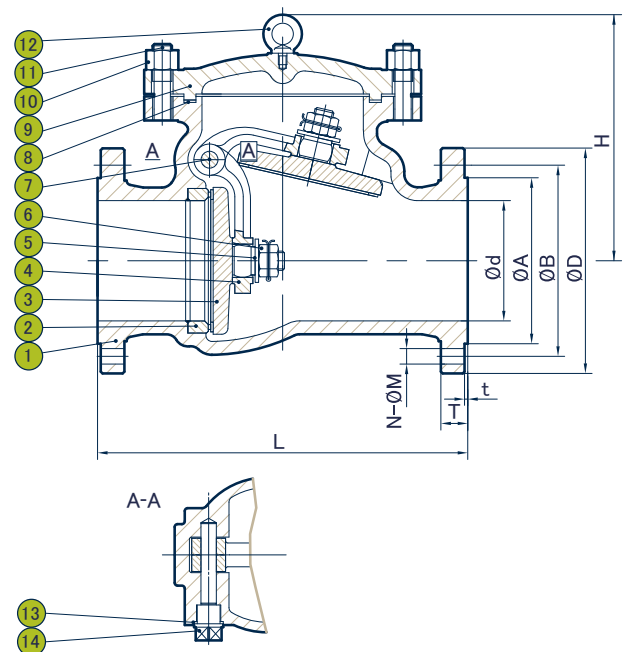
If installed in a vertical position, the direction of flow must be in an up-flow direction

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	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	ASTM A194 2H
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	ASTM A216 WCB
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	HOOK SCREW	CARBON STEEL
13	GASKET	COPPER ALLOYS
14	DRAIN PLUG	CARBON STEEL

* 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	Weight kg
IN	DN										
6"	150	150	444	360	37	1.6	216	270	318	12-Ø22	114
8"	200	201	533	370	42	1.6	270	330	381	12-Ø25	198
10"	250	252	622	385	48	1.6	324	387.5	445	16-Ø29	307
12"	300	303	711	440	51	1.6	381	451	521	16-Ø32	480
14"	350	334	838	520	54	1.6	413	514.5	584	20-Ø32	664
16"	400	385	864	554	58	1.6	470	571.5	648	20-Ø35	777
18"	450	436	978	620	61	1.6	533	628.5	711	24-Ø35	1050
20"	500	487	1016	680	64	1.6	584	686	775	24-Ø35	-
24"	600	589	1346	770	70	1.6	692	813	914	24-Ø41	-

Note: Torque measured at ambient temperature with no loading ; safety factor is not included.