

Cast Steel Swing Check Valve to ANSI CLASS 600, 2"~3"

Series SCF-CL600

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: 1480 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

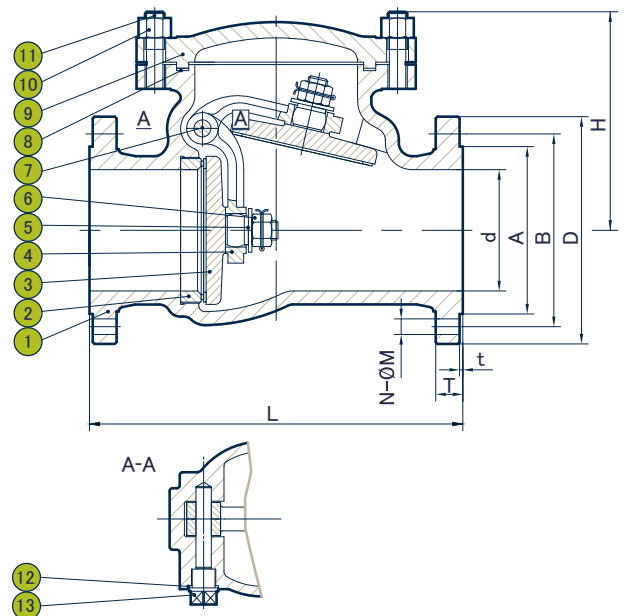
Limitation

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 DIE ERSTE directly.



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Dimensions (mm)

Size		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
2"	50	49	292	155	26	6.4	92	127	165	8-Ø19	24
2½"	65	62	330	178	29	6.4	105	149	190	8-Ø22	35
3"	80	74	356	200	32	6.4	127	168	210	8-Ø22	45

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

Cast Steel Swing Check Valve to ANSI CLASS 600, 4"~24"

Series SCF-CL600

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: 1480 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

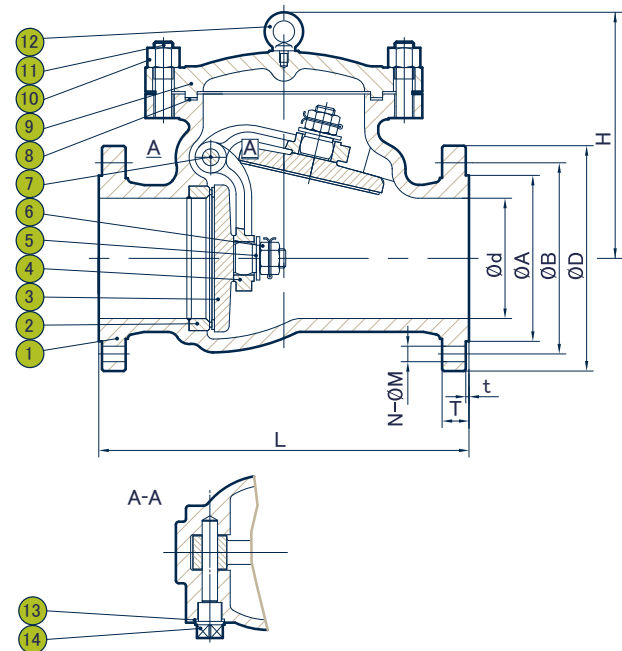
Limitation

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

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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 DIE ERSTE directly.



Dimensions (mm)

Size		d	L	H	T	t	A	B	D	N-ØM	Weight kg
IN	DN										
4"	100	100	432	280	38	6.4	157	216	273	8-Ø25	91
6"	150	150	559	362	48	6.4	216	292	356	12-Ø29	191
8"	200	201	660	437	56	6.4	270	349	419	12-Ø32	343
10"	250	252	787	490	64	6.4	324	432	508	16-Ø35	618
12"	300	303	838	528	67	6.4	381	489	559	20-Ø35	850
14"	350	334	889	572	70	6.4	413	527	603	20-Ø38	920
16"	400	385	991	660	77	6.4	470	603	686	20-Ø41	1195
18"	450	436	1092	720	83	6.4	533	654	743	20-Ø44	1820
20"	500	487	1194	746	89	6.4	584	724	813	24-Ø44	-
24"	600	589	1397	960	102	6.4	692	838	940	24-Ø51	-

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

Cast Steel Swing Check Valve to ANSI CLASS 600, 26"

Series SCF-CL600

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: 1480 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 B16.47A

Limitation

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

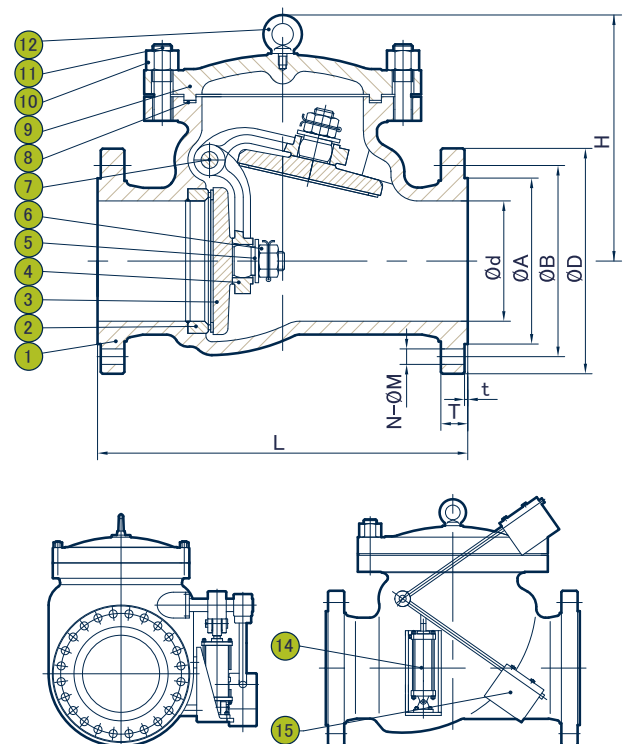
If installed in a horizontal position, the valve must be installed with the cover oriented to the top

Materials List		
No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A182 F316
3	DISC	ASTM A216 WCB+13Cr
4	HINGE	ASTM A216 WCB
5	DISC WASHER	AISI 1025
6	DISC NUT	AISI 1025
7	HINGE PIN	ASTM A276 410
8	GASKET	SS304+Flexible Graphite
9	COVER	AISI 1025
10	NUT	ASTM A194 2H
11	BOLT	ASTM A193 B7
12	HOOK SCREW	CARBON STEEL
13	Amortisseur	Components
14	Balancer	Components

* Enclosed is a condensed table. For complete options, contact DIE ERSTE directly.

Dimensions (mm)

Size		d	L	H	T	t	A	B	D	N-ØM
IN	DN									
26"	650	633	1448	-	108	2	749	914.4	1015	28-Ø51



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