

Cast Steel Swing Check Valve to ANSI CLASS 900, 2"~16"

Series SCF-CL900

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: 2220 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

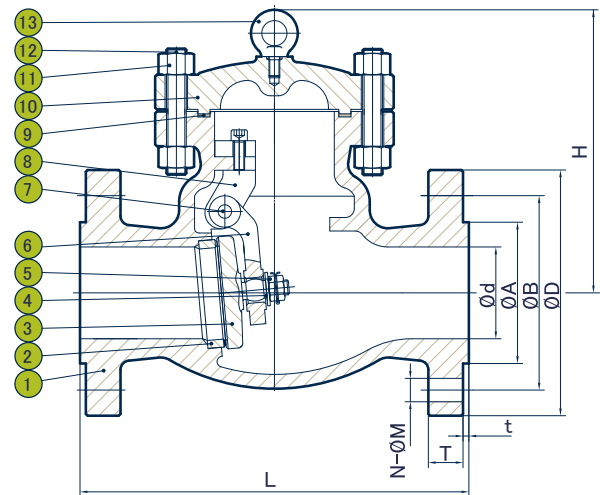
If installed in a vertical position, the direction of flow must be in an up-flow direction
If installed in a horizontal position, the valve must be installed with the cover oriented to the top

DIE ERSTE reserves the right to change product design and specifications without notice. Copyright © 2020 by DIE ERSTE INDUSTRY CO., LTD.

Materials List

No.	PARTS NAME	MATERIALS
1	BODY	ASTM A216 WCB
2	SEAT RING	ASTM A105+13Cr
3	DISC	ASTM A216 WCB+13Cr
4	DISC WASHER	AISI 1025
5	DISC NUT	ASTM A194 2H
6	HINGE	ASTM A216 WCB
7	HINGE PIN	ASTM A276 410
8	YOKE	ASTM A216 WCB
9	GASKET	SS304+Flexible Graphite
10	COVER	ASTM A216 WCB
11	NUT	ASTM A194 2H
12	BOLT	ASTM A193 B7
13	HOOK SCREW	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
IN	DN									
2"	50	47.5	368	280	38.1	7	92	165.1	215	8-Ø25.5
2½"	65	57	419	280	41.3	7	105	190.5	245	8-Ø28.5
3"	80	73	381	280	38.1	7	127	190.5	240	8-Ø25.5
4"	100	98	457	280	44.5	7	157	235	290	8-Ø32
6"	150	148	610	362	55.6	7	216	317.5	380	12-Ø32
8"	200	191	737	437	63.5	7	270	393.7	470	12-Ø38
10"	250	238	838	490	69.9	7	324	469.9	545	16-Ø38
12"	300	283	965	528	79.4	7	381	533.4	610	20-Ø38
14"	350	311	1029	572	85.4	7	413	558.8	640	20-Ø41
16"	400	356	1130	660	88.9	7	470	616	705	20-Ø44.5