

Cast Steel Swing Check Valve to ANSI CLASS 1500, 2"~16"

Series SCF-CL1500

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: 3705 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

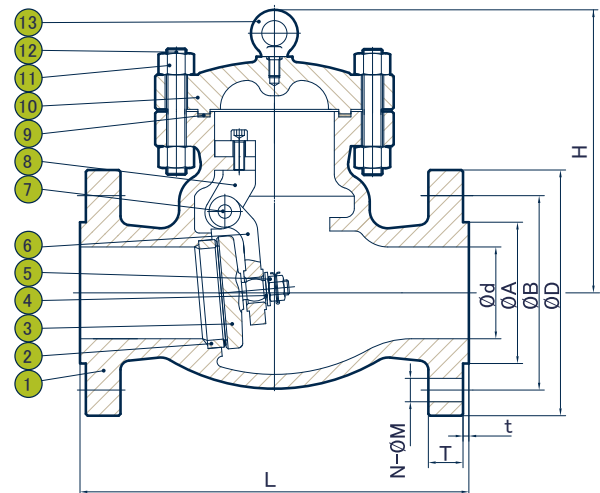
If installed in a vertical position, the direction of flow must be in an up-flow direction

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	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 PVS FLOW CONTROL 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	70	470	280	47.7	7	127	203.2	265	8-Ø32
4"	100	92	546	280	54	7	157	241.3	310	8-Ø35
6"	150	136	705	362	82.6	7	216	317.5	395	12-Ø38
8"	200	178	832	437	92.1	7	270	393.7	485	12-Ø45
10"	250	222	991	490	108	7	324	482.6	585	16-Ø51
12"	300	263	1130	528	123.9	7	381	571.5	675	20-Ø54