

Cast Steel Swing Check Valve to DIN PN25-F6, DN50~DN600

Series SCF-PN25-F6

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: 25 barg@50°C

TMA: 450°C

Selection:

Material of Body:
DIN 17245 GS-C25

Standards

- Basic design to DIN 3840
- Face-to-face acc. to DIN 3202-F6
- End flange dimension acc. to EN 1092-1
- Inspection & test acc. to API 598, 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

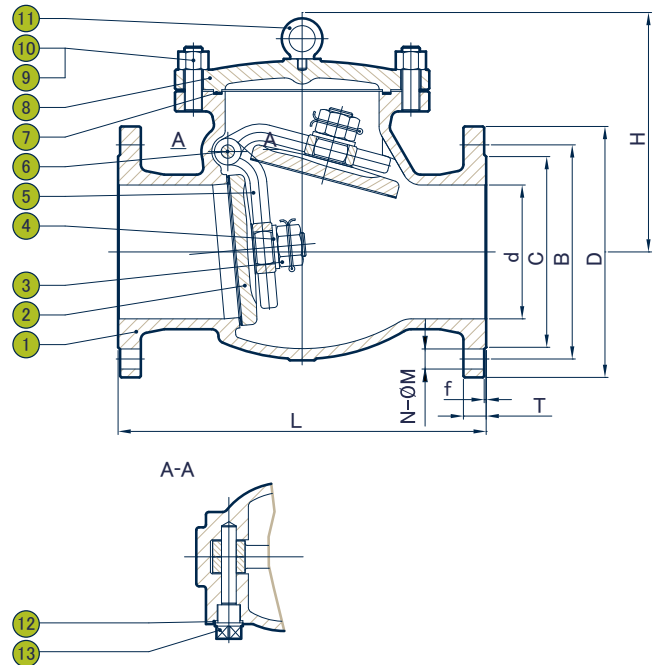
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Materials List		
No.	PARTS NAME	MATERIALS
1	BODY	DIN 17245 GS-C25 + 13Cr
2	DISC	DIN 17245 GS-C25 + 13Cr
3	DISC NUT	ASTM A194 2H
4	DISC WASHER	AISI 1025
5	HINGE	DIN 17245 GS-C25
6	HINGE PIN	ASTM A276 410
7	BONNET GASKET	SS304+FLEXIBLE GRAPHITE
8	BONNET	DIN 17245 GS-C25
9	BONNET NUT	ASTM A194 2H
10	BONNET BOLT	ASTM A193 B7
11	HOOK SCREW	CARBON STEEL
12	GASKET	COOPER ALLOY
13	DRAIN PLUG	CARBON STEEL

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



Dimensions (mm)

Size		d	D	B	C	L	H	T	f	N	M
DN	IN										
50	2"	50	165	125	102	200	150	20	3	4	18
65	2½"	65	185	145	122	240	168	22	3	8	18
80	3"	80	200	160	138	260	180	24	3	8	18
100	4"	100	235	190	162	300	210	24	3	8	22
125	5"	125	270	220	188	350	230	26	3	8	26
150	6"	150	300	250	218	400	275	28	3	8	26

Size		d	D	B	C	L	H	T	f	N	M
DN	IN										
200	8"	200	360	310	278	500	340	30	3	12	26
250	10"	250	425	370	335	600	355	32	3	12	30
300	12"	300	485	430	395	700	410	34	4	16	30
350	14"	350	555	490	450	800	475	38	4	16	33
400	16"	400	620	550	505	900	552	40	4	16	36
500	20"	500	730	660	615	1100	660	44	4	20	36
600	24"	600	845	770	720	1300	740	46	5	20	39