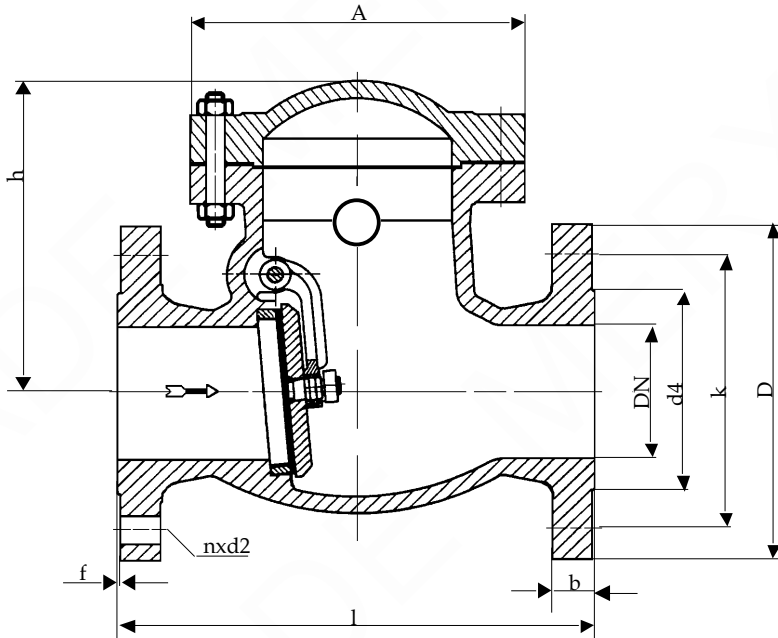


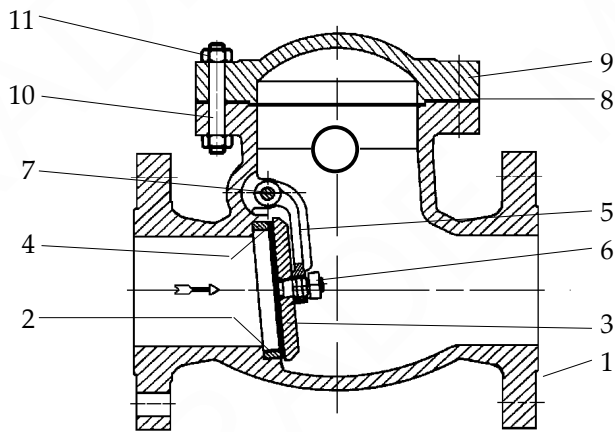
Swing check valve in cast steel/X10Cr13 DN 50 - 200 PN 16



Length acc. to DIN EN 558-1, face to face series 48

Size DN	nom. pressure	flange	max.working temperature	max.working pressure (bar) to °C					
				neutr. liquids up to			neutr. gases up to		
				200°C	300°C	400°C	200°C	300°C	400°C
50 - 200	PN 16	DIN EN 1092-1 Form B1 PN 16	-10 °C up to 400 °C	14	11	8	14	11	8

DN	D	k	d4	l	h	A	n	d2	b	f	kg
50	165	125	102	200	160	145	4	18	18	3	16,0
65	185	145	122	240	165	180	4	18	18	3	22,0
80	200	160	138	260	180	195	8	18	20	3	25,0
100	220	180	158	300	210	225	8	18	20	3	37,0
125	250	210	188	350	240	265	8	18	22	3	57,0
150	285	240	212	400	265	310	8	22	22	3	83,0
200	340	295	268	500	320	380	12	22	24	3	157,0



Pos.	Designation	Material	Wnr./DIN
1	body	GP240GH+N	1.0619
2	body seat ring	X10Cr13	1.4006
3	flap	C 22.8	1.0460
4	flap seat ring	X10Cr13	1.4006
5	flap lever	GP240GH+N	1.0619
6	hexagon nut	A2	934
7	shaft	17%Cr	/
8	TA-Luft gasket	Edelstahl+Graphit	/
9	cover	GP240GH+N	1.0619
10	stud bolt	24CrMo5	1.7258
11	hexagon nut	Ck35	1.1181
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22	- Other materials on request.		
23			

Technical Description

Swing check valve in cast steel with restricted throughpass. Body and cover are screwed. Flap lever and flap are screwed with play and secured against loosening. Swing check valves can be installed in horizontal or vertical pipelines.

Area of application

For non aggressive liquids, gas and steam.

DIN EN 1092 determines the admissible operating pressure, in relation to the temperature.

Testing

The tests are carried out acc. to DIN EN 12266.

Solidity of body : nominal pressure (PN) x 1,5

Tightness of seat : nominal pressure (PN) x 1,1