

Serie F.400



STAINLESS STEEL SWING CHECK VALVE - FLANGED

F.480



The valves F.480 are flanged swing check valves, with a stainless steel body, manufactured in accordance with the most severe product norms, and in conformity with the quality requirements of EN ISO 9001.

They are suitable for heating and conditioning (HVAC), water treatments and distribution, agricultural and industrial applications

YES: for installing in a horizontal position. Low head losses.

Application fields



WATER



CONDITIONING



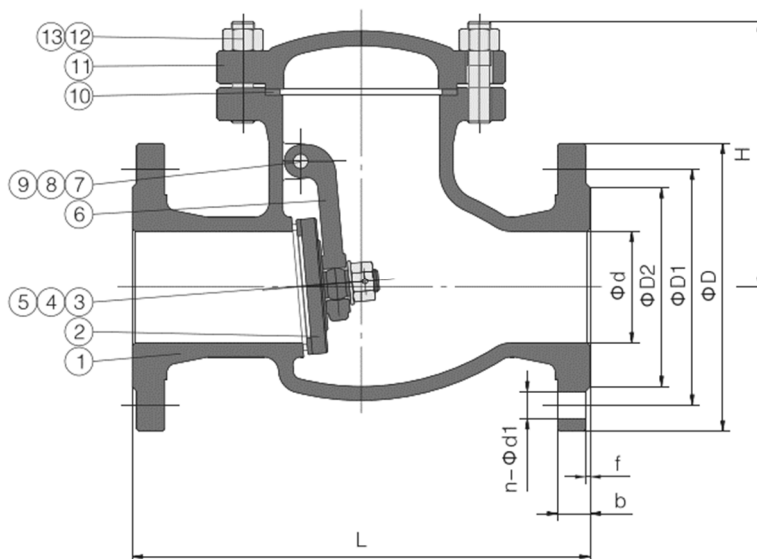
INDUSTRY



HEATING



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Materials

	Component	Material
1	Body	CF8 / CF8M – Stainless Steel
2	Disc	CF8 / CF8M – Stainless Steel
3	Lat Pad	AISI304 / AISI316 - Stainless Steel
4	Nut	AISI304 / AISI316 - Stainless Steel
5	Split Pin	AISI304 / AISI316 - Stainless Steel
6	Arm	CF8 / CF8M – Stainless Steel
7	Pin	AISI304 / AISI316 - Stainless Steel
8	Washer	PTFE
9	Bolt	AISI304 - Stainless Steel
10	Gasket	PTFE + Graphite
11	Bonnet	CF8 – Stainless Steel
12	Bolt	AISI304 - Stainless Steel
13	Nut	AISI304 - Stainless Steel

*Option for Stainless steel materials: SS316L

Dimensions (mm)

DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	200	230	290	310	350	400	480	550	650	750	850	950	1050	1150	1350
D2	85	100	120	135	155	185	210	265	320	375	435	485	545	608	718
D1	110	125	145	160	180	210	240	295	355	410	470	525	585	650	770
D	145	160	180	195	215	250	285	340	405	460	520	580	640	705	840
b	16	16	18	20	20	22	22	24	26	28	34	36	40	44	48
f	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5
n-d1	4-18	4-18	4-18	8-18	8-18	8-18	8-22	12-22	12-26	12-26	16-25	16-30	20-30	20-34	20-41
H	77	98	112	125	163	178	205	236	299	330	500	520	580	630	780

Certificates



Standards

Design : TS EN 5153
 Flange Dimensions : TS EN1092-2 (PN 16)
 Face to Face Dimensions : TS EN 5153
 Tests : TS EN 12266-1
 Nominal Pressure: PN16
 Temperature: -10 ~ 300°C

Instruction and Recommendations

STORING

- Keep in dry and closed place.

RECOMMENDATIONS

Before carrying out maintenance or dismantling the valve:

- Ensure that the pipes, valves and fluids have cooled down
- That the pressure has decreased, and that the lines and pipes have been drained in case of toxic, corrosive, inflammable or caustic liquids.

Temperatures above 50°C and below 0°C might cause damage to people.

INSTALLATION

- Handle with care
- Place the valve between the flanges of the pipe and install the seal between the pipe and valve flanges. Check that the seals are positioned correctly.
- The distance between the counterflanges must be equal to the valve's face to face distance.
- Do not use the bolts of the counterflanges to bring the piping close to them. The bolts must be cross tightened.
- Do not weld the flanges to the piping after installing the valve.
- Water hammers might cause damage and ruptures. Inclination, twisting and misalignments of the piping may subject the installed valve to excessive stresses. It is recommended that elastic joints be used, in order to reduce such effects as much as possible.
- These valves are unidirectional: install in accordance with the flow direction arrow indicated on the body.

DISPOSAL

- For valve operating with hazardous media (toxic, corrosive...) , if there is a possibility of residue remaining in the valve, take due safety precaution and carry out required cleaning operation. Personnel in charge must be trained and equipped with appropriate protection devices.
- Prior to disposal, disassemble the valve and separate the component according to various materials. Please refer to product literature for more information. Forward sorted material to recycling (e.g. metallic materials) or disposal, according to local and currently valid legislation and under consideration of the environment.