

Swing type check valve
flanged

PN10
PN16

SEWAGE

WATER



Check flap valve DN100

Product description (standard execution):

- Straight full bore
- Compact design - high tightness
- Maintenance free
- Disc, shaft and disc pin, body seat according to EN 10088-1
- Flange connection according to EN 1092-2 (DIN 2501) pressure PN10, PN16
- Face to face row 48 according to EN 558-1 (DIN3202)
- Body and bonnet made of grey iron EN-GJL 250; EN 1561
- Body-bonnet graphite gasket
- Epoxy coating minimum 250 microns according to DIN 30677
- Body-bonnet zinc coated or stainless steel screws
- Product marking according to EN 19; EN 1074

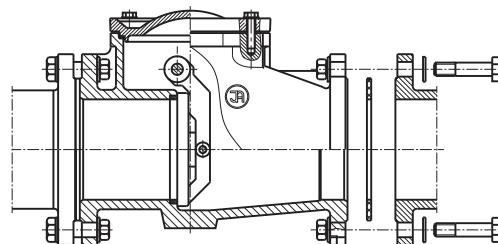
Application:

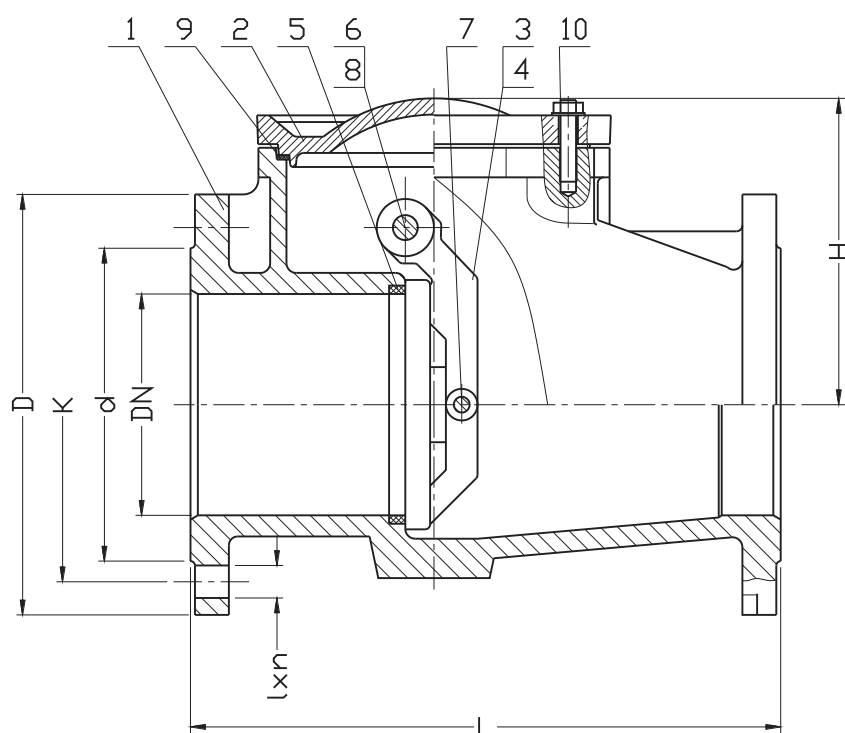
Water and sewage networks and tanks. Transport of non aggressive liquids.
Working conditions:
temp. up to +300 °C
working pressure up to 1.6 MPa

Test control:

Water pressure test according to EN 1074-1; EN 1074-2; EN 12266-1
Seat: 0,5 to 1,1 xPN
Body: 1,5 x PN

Installation:





DN	PN	L	H	D	d	K	l x n	Weight
[mm]	[bar]	[mm]						[kg]
40	16	180	119	150	88	110	19x4	9
50	16	200	120	165	102	125	19x4	11
65	16	240	141	185	122	145	19x4	15
80	16	260	168	200	138	160	19x8/(4)*	21
100	16	300	175	220	158	180	19x8	32
125	16	350	199	250	188	210	19x8	46
150	16	400	217	285	212	240	23x8	60
200	16	500	277	340	268	295	23x8(12)*	120
250	16	600	337	405	320	355	28x12	180
300	16	700	374	460	370	410	28x12	250

*) - 10 bar

No.	Part	Standard execution
1	Body	Grey iron EN-GJL-250 EN 1561
2	Bonnet	Grey iron EN-GJL-250 EN 1561
3	Lever flap	Ductile cast iron EN-GJS-500-7 EN 1563
4	Flap	Stainless steel 1.4027 EN 10088-1 Bronze G-CuSn10-B
5	Ring body	Stainless steel 1.4006 EN 10088-1
6	Pin	Stainless steel 1.4021 Brass CuZnPb2 EN 10088-1
7	Pin flap	Stainless steel 1.4021 Brass CuZnPb2 EN 10088-1
8	Sleeve	Brass CuSn10-B EN 1982
9	Gasket	Graphite-CrNiSt
10	Screw	DIN 6912

We reserve the rights to modify the production program and the given data without separate notices due to the permanent company development