

SWING CHECK VALVE SOFT

resilient seated

DN 50 - 300 PN10/16

03.110



Product description

- Swing check valve resilient seated series SOFT for drinking water and neutral liquids
- Service temperature from 0°C (excluding frost) to 70°C

Standards

- Designed according to EN 1074 part 3
- Flange drilling to EN 1092-2 PN10/16
- Face-to-face according to EN 558 table 2 series 48

Tests

All valves are individually hydrostatically tested according to EN 1074-3:

- Seal 1.1 x PN (in bar); Body: 1.5 x PN (in bar).

Corrosion protection

- Epoxy powder coating RAL 5005
- Applied internal and external with a minimum coating thickness of 250 µm
- Potable water approved epoxy coating, fusion bonded according DIN 3476-1, EN 14901-1 and GSK approved

Approvals

- ACS Potability Certificate 24 ACC NY 131
- GSK Epoxy Coating Certificate GSK-ID:1247 (RAL-GZ 662)

Features

- Valve with automatic mechanical closing for installation in pumping systems preventing the return of the flow
- Compact design requires little space for assembly
- The valve should be installed on the horizontal position, the flow must coincide with the arrow direction engraved on the valve body
- Full complete passage without obstacles, avoiding head loss
- Effect of cavitation almost null, due to geometric configuration of the valve
- Easy to maintain, if necessary, components may be replaceable. Disassembly can be accomplished without withdrawing the valve from the conduct by unfolding the cap bolts in order to remove the sealing system
- Reliability and stability of the sealing system, designed with double arm resting on the shaft and obturator with POM spacer that allows to fit the valve body seal
- Obturator fully vulcanized for drinking water approved EPDM
- Round EPDM bonnet gasket fixed in a recess, surrounding the bolts, ensuring a perfect seal
- On request possibility of shaft in AISI 316L, by-pass and plug application to check and clean.



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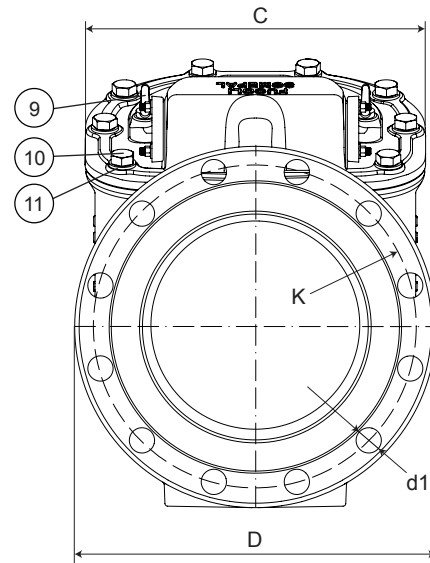
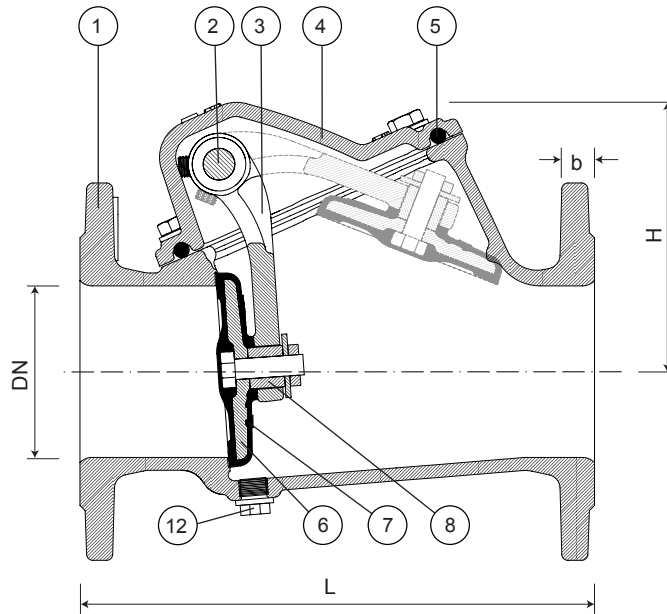
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Component list

pos.	components	material	standard
1	Body	Ductile iron EN-GJS-500-7	EN 1563
2	Shaft	Stainless steel AISI 420	EN 10088 - 1
3	Arm	Ductile iron EN-GJS-500-7	EN 1563
4	Bonnet	Ductile iron EN-GJS-500-7	EN 1563
5	Bonnet gasket	Elastomer EPDM	EN 681 - 1
6	Obturator	Ductile iron EN-GJS-500-7	EN 1563

pos.	components	material	standard
7	Obturator covering	Elastomer EPDM	EN 681 - 1
8	Spacer	POM	
9	Lifting eyes (from DN 200)	Stainless steel A2	EN 10088 - 1
10	Bolts	Stainless steel A2	EN 10088 - 1
11	Washers	Stainless steel A2	EN 10088 - 1
12	Plug (option)	Stainless steel A4	EN 10088 - 1

Reference and dimensions

DN	PN	code	D mm	L mm	H mm	C mm	K mm	n° x d1 mm	b mm	Kg approx.
50	10/16	10752710	165	200	108	110	125	4 x 19	19	9
60	10/16	10752715	175	240	119	123	135	4 x 19	19	11
65	10/16	10752720	185	240	119	123	145	4 x 19	19	12
80	10/16	10752725	200	260	137	140	160	8 x 19	19	15
100	10/16	10752730	220	300	157	168	180	8 x 19	19	20
125	10/16	10752735	250	350	185	215	210	8 x 19	19	30
150	10/16	10752740	285	400	210	242	240	8 x 23	19	41
200	10	10752745	340	500	242	295	295	8 x 23	20	64
200	16	10752750	340	500	242	295	295	12 x 23	20	68
250	10	10752755	400	600	296	377	350	12 x 23	22	94
250	16	10752760	400	600	296	377	355	12 x 28	22	94
300	10	10752765	455	700	325	427	400	12 x 23	25	136
300	16	10752770	455	700	325	427	410	12 x 28	25	136



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