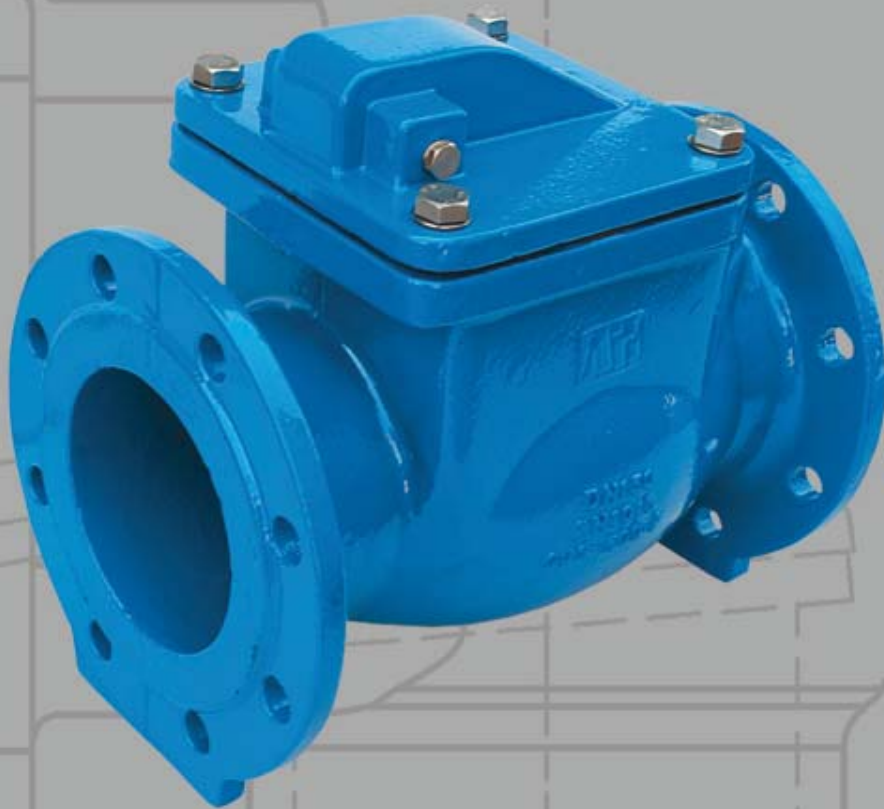




AB VALVES GmbH

Manufacturer of Industrial Valves
and Relevant Equipments

Swing Check Valves (NVSW)





Swing Check Valves (NVSW)

Size: DN 50 - 300 mm

Pressure: PN 10 & PN 16 bars

Flanges according to DIN EN 1092-2 (DIN 2501)

Face to face according to DIN EN 558-1 series 48 (DIN 3202-F6)

Product Features:

Body and bonnet are bolted. Sealing is made of rubber (NBR, EPDM). Installation can be either in Horizontal & vertical. It is Noiseless and Capable of being sealed even in low pressure.

Application:

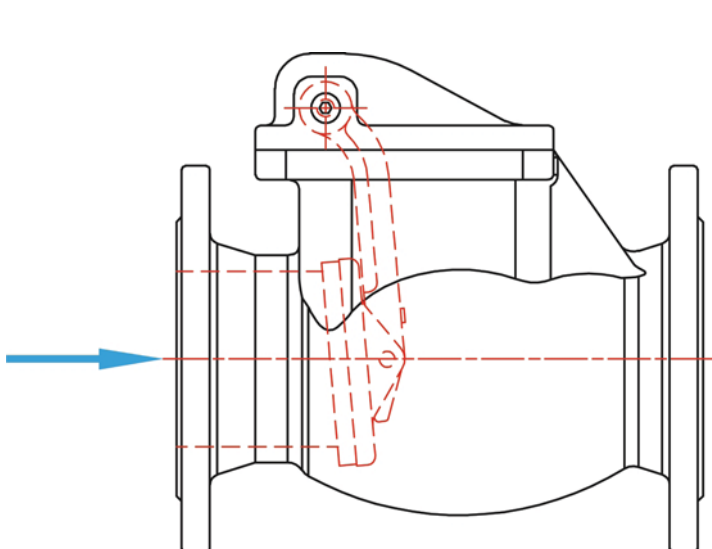
Swing check valves are suitable for non-corrosive fluids, liquids, gas, steam and waste water in water industry and powerplants.

Corrosion protection:

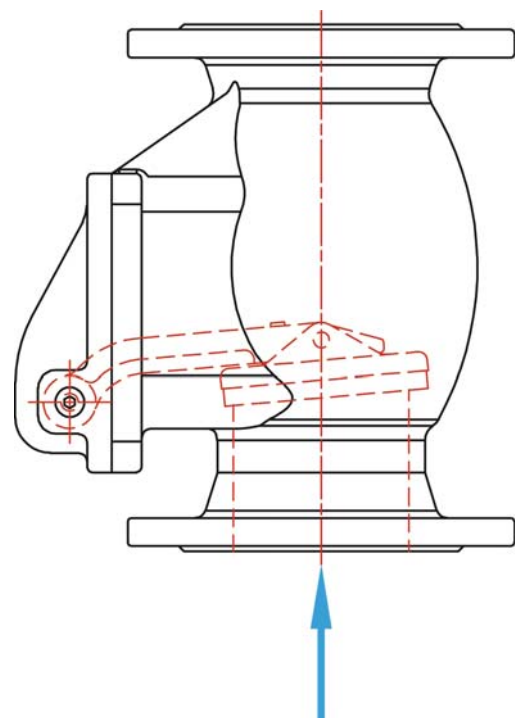
All the parts of swing check valve are coated with epoxy powder, electro statics and min.thickness 250 µm.

Different installation situation:

Hydrostatic test Pressure (bar) according to DIN EN 12266-1		
Nominal Pressure PN (bar)	Test Pressure, with water, (bar)	
	Body	Seat
10	17	11
16	25	17.6



Horizontal



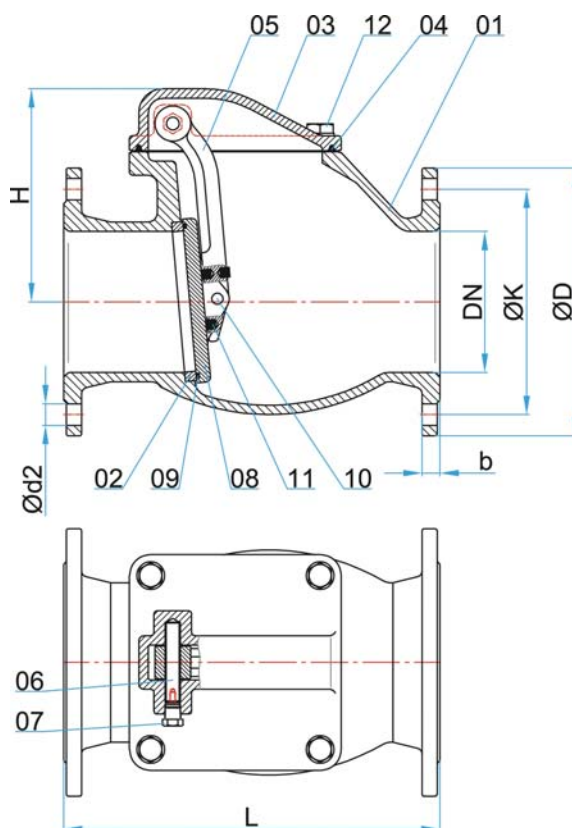
Vertical
(flow from downstream to upstream)



Parts list:

Part	Description	Material	Spare parts
1	Body	EN-GJS-400-15 (1)	
2	Sealing Ring	1.4301 / Al.Bz	
3	Bonnet	EN-GJS-400-15 (1)	
4	Seal	EPDM / NBR	●
5	Clapper disc arm	EN-GJS-400-15 (1)	
6	Clapper disc pin	1.4021	
7	Cap	Brass	
8	Clapper disc	EN-GJS-400-15 (1)	
9	O-Ring	EPDM / NBR	●
10	Disc pin	1.4021	
11	Anti shock Rubber	EPDM / NBR	●
12	Bolt & washer	A2	●

(1) EN-GJS-500-7 can be product as requested.



Dimensions and weight:

● DIN EN 1092-2 (DIN 2501)

● DIN EN 558-1 series 48 (DIN 3202 F6)

DN mm	PN bar	●L mm	●ØD mm	●ØK mm	●b mm	●Ød2 mm	●n	H mm	Weight Kg
50	10,16	200	165	125	19	19	4	123	12
65	10,16	240	185	145	19	19	4	139	16
80	10,16	260	200	160	19	19	8	154	21
100	10,16	300	220	180	19	19	8	177	29
125	10,16	350	250	210	19	19	8	202	38
150	10,16	400	285	240	19	23	8	227	50
200	10	500	340	295	20	23	8	298	93
	16						12		
250	10	600	395	350	22	23	12	370	135
	16		405	355		28			
300	10	700	445	400	24.5	23	12	450	175
	16		455	410		28			

AB VALVES' PRODUCTS

Butterfly Valves Flange Type (BVF)
Butterfly Valves Wafer Type (BVW)
Butterfly Valves Wafer Type for Sea Water (BVS)
Gate Valves (GV)
Valves for Special Applications
Air Valves (AV)
Hydrants (HT)
Automatic Control Valves (RV)
Non-Return Valves (NV)
Strainers (STR)
Accessories
Actuators



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