



PN 16
DN 50...200

Product Features

- Single-chamber air valve for automatic ventilation and operational air release under inner pressure that is directly actuated by the flow medium
- Compact design, low profile
- Light weight makes it easy to handle
- Maintenance friendly, all of the inner operation parts can be removed together through the top
- Corrosion-proof through use of synthetic parts
- Scale-resistant synthetic housing made of polyethylene PE 100

Materials

- Housing and float made of polyethylene PE 100
- All other inner operation parts made of synthetic (POM / PE)
- Gaskets made of NBR
- Cover made of ductile cast-iron EN-JS 1030 (GGG-40)
- Cover flange and guide screw made of stainless steel
- Minimum quality A2-70 for all connecting parts
- Loose flange for steel flange connection with PP coating

Corrosion Protection

- All sides of the cover are coated with epoxy coating, colour RAL 5005 blue

Field of Application

- Wastewater technology, sewage treatment plants, wastewater transportation pipe lines
- Maximum allowable operating temperature for neutral fluids: 50°C
- Minimum pressure to seal ventilation cross-section: 0.1 bar

Versions

- Flange connection DN 50, 80, 100, 150 and 200 for an operating pressure of 16 bar
- Connection thread in cover conform DIN-ISO 228 (see measurements)



For information about installation, commissioning, operating and maintenance we kindly refer to our **"Installation and Operating Instructions - Valves"**.

Field of Use Sewage

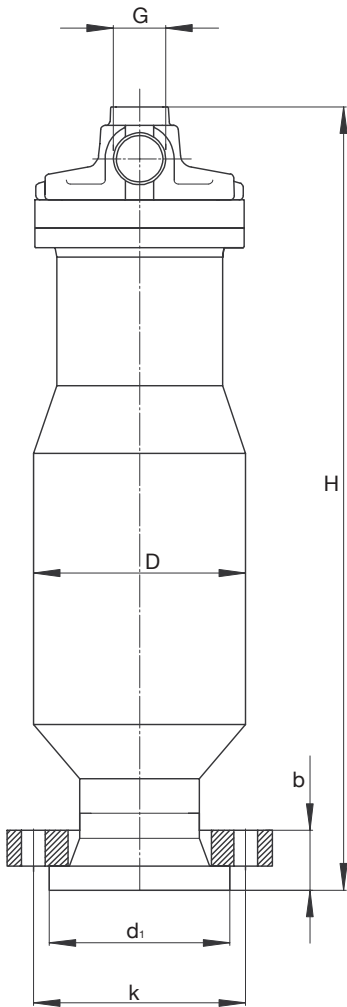
Final Inspection Test in acc. with EN 12266

DN	PN	Max. operating pressure	Max. operating temperature for neutral liquids	Test pressure in bar	
				with water in body	in seat
mm	bar	bar	°C		
50...200	16	16	50	24	17,6

We reserve the right to make technical changes and use similar or higher-quality materials. Drawings are non-binding



Dimensions / weights



Dimensions in mm						
Nominal size	DN	50	80	100	150	200
Construction dimension	H ca.	665	590	590	690	690
	b	35	45	45	49	60
	d ₁	102	136	156	212	268
	k	125	160	180	240	295
	D	160	160	160	225	225
Flange connection dimensions acc. to EN 1092-2, PN 16	No.	4	8	8	8	12
	Thread	M 16	M 16	M 16	M 20	M 20
Threaded connector DIN ISO 228	G	G 1 1/4"	G 1 1/4"	G 1 1/4"	G 2 1/2"	G 2 1/2"
Weight	kg	8	9	10	24	26

Discharge and venting capacity

