



PN 10
DN 50...200

Product features

- Single chamber air valve directly operated by the flow medium
- Compact design, few parts required
- Three functions:
 1. large orifice, for outlet and intake of large air volumes during start or trip, respectively, of pumps
 2. medium orifice, to avoid water hammers (anti-surge orifice float) for high air discharge velocities
 3. small orifice for discharge of small air volumes during operation under full internal pressure
- No deposits of solid or floating particles

Materials

- Body, lid and attachment parts made of austenitic stainless steel 1.4301
- All floates made of plastic PE-HD
- Seals made of NBR

Field of application

- Permitted operating temperature for neutral fluids: 50°C
- Minimum pressure for the sealing of ventilating sectopms: 0,5bar
- For plants and valve chambers

Versions

- As described before

On request

- DN 50 with thread connection G 2 (NPT)



Our assembly and operating instructions “Valves” are authoritative for proper assembly and safe operation.

Field of application Water

Pressure test in acc. with EN 12266

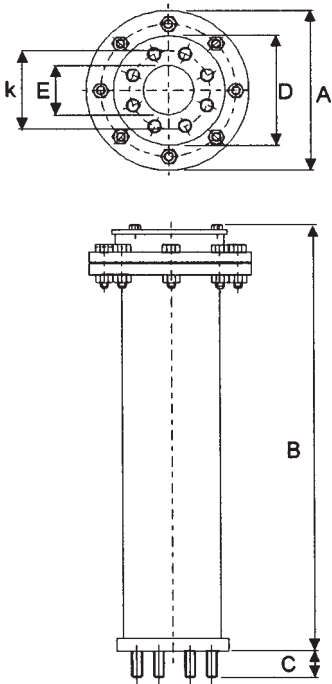
Nominal diameter	Nominal pressure	Minimum pressure for the seal [bar]		Permitted operating temperature for neutral liquids		Water test pressure [bar]	
		Valve seat				body	outflow
DN 50...200	PN 10	0,5		50 °C		20	20

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

Drawings are non-binding.



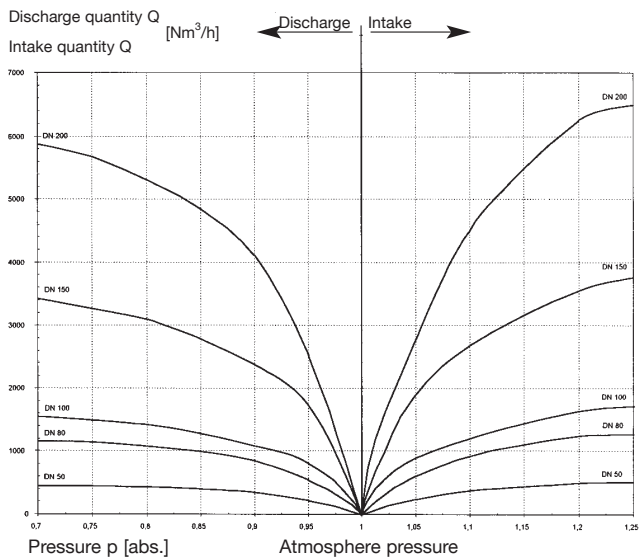
Dimensions / weights



Dimensions in mm						
Nominal diameter	DN	50	80	100	150	200
Construction dimensions	A	220	285	285	395	445
	B	780	790	790	1040	1040
	C	45	45	45	65	70
	E	50	80	100	150	200
Flange connection dimensions PN 10	D	165	200	220	285	340
	k	125	160	180	240	295
	No. of bolts	4	8	08	8	8
	Thread	M 16	M 16	M 16	M 20	M 20
Weight	in kg	32	38	40	85	130

Discharge and intake quantity

Discharge and intake quantity (large orifice)



Venting quantity under full inside over-pressure (small orifice)

