

BOAVENT-SVF

Three functions automatic air valve for
acqueducts

PN 16 / 25 / 40
DN 25 – 300



Benefits at a glance

- Full bore design
- Drain port for inspection and maintenance
- Mobile block composed of two overlapping cylinders in polypropylene connected by means of a patented air release system in AISI 316
- Antihammer solution without having to remove the air valve from the conduct
- Available with fixed and mobile flanges

Applications

- For water distribution system
- For clean water
- For irrigation
- Stainless steel version available (series Golia)

Operating data

- Maximum permissible pressure: 40 bar
- Maximum permissible temperature: 70°C

Materials

- Body and cover : ductile iron GS400-15 epoxy coated
- Air release system: AISI 316
- Seat : stainless steel
- Nuts and bolts : stainless steel A2

Design

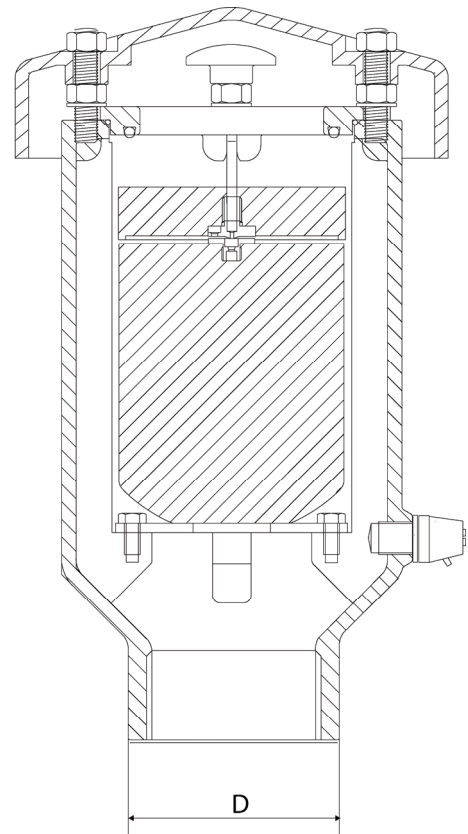
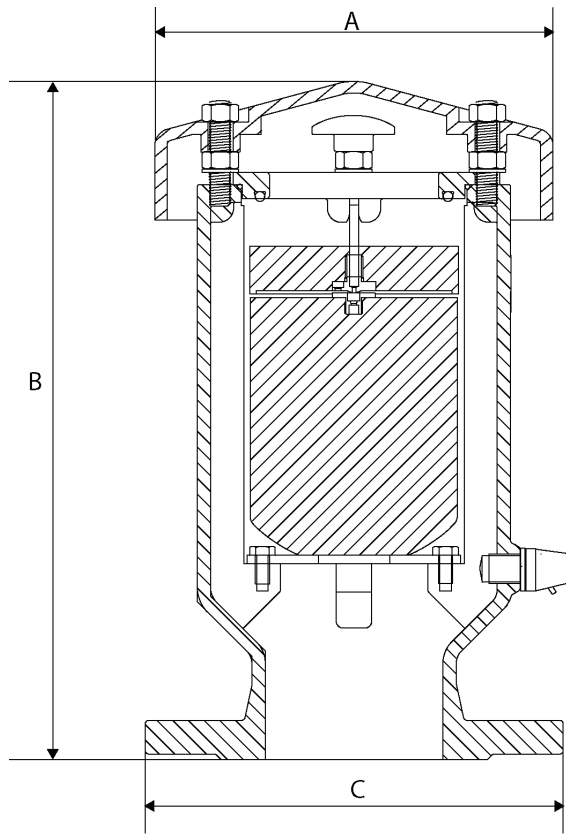
- Mobile block group formed by two overlapping cylinders in solid polypropylene
- Full bore version (reduced bore available on request)
- Maintenance can be performed without removing the air release valves from the conduct
- The air valve will ensure the proper operation of the pipeline networks allowing the entrance and discharge of large volumes of air during pipe filling and draining operations and the release of air pockets in working conditions.
- Flange drilled according to EN 1092-2

Standard variants

- Stainless steel version available with Golia model
- Antihammer mechanism available
- Anti flooding mechanism available
- Other drilling standards available on request

Other DN's, materials, variants,? Please contact us for your personal quotation

Overall dimensions



Standard model, with flanged ends

DN	PN	Dimensions (mm)				Weight (kg)
		A	B	C _(F.M.) ¹⁾	C _(F.F.) ²⁾	
50	16/25/40	142	275	165	165	8.6
65		142	275	185	185	9.0
80		174	300	200	205	12.4
100		217	350	220	235	19.7
150R		267	425	285	300	36.0
150		325	490	285	300	56.0
200R		325	490	340	375	58.0

¹⁾ mobile flanges

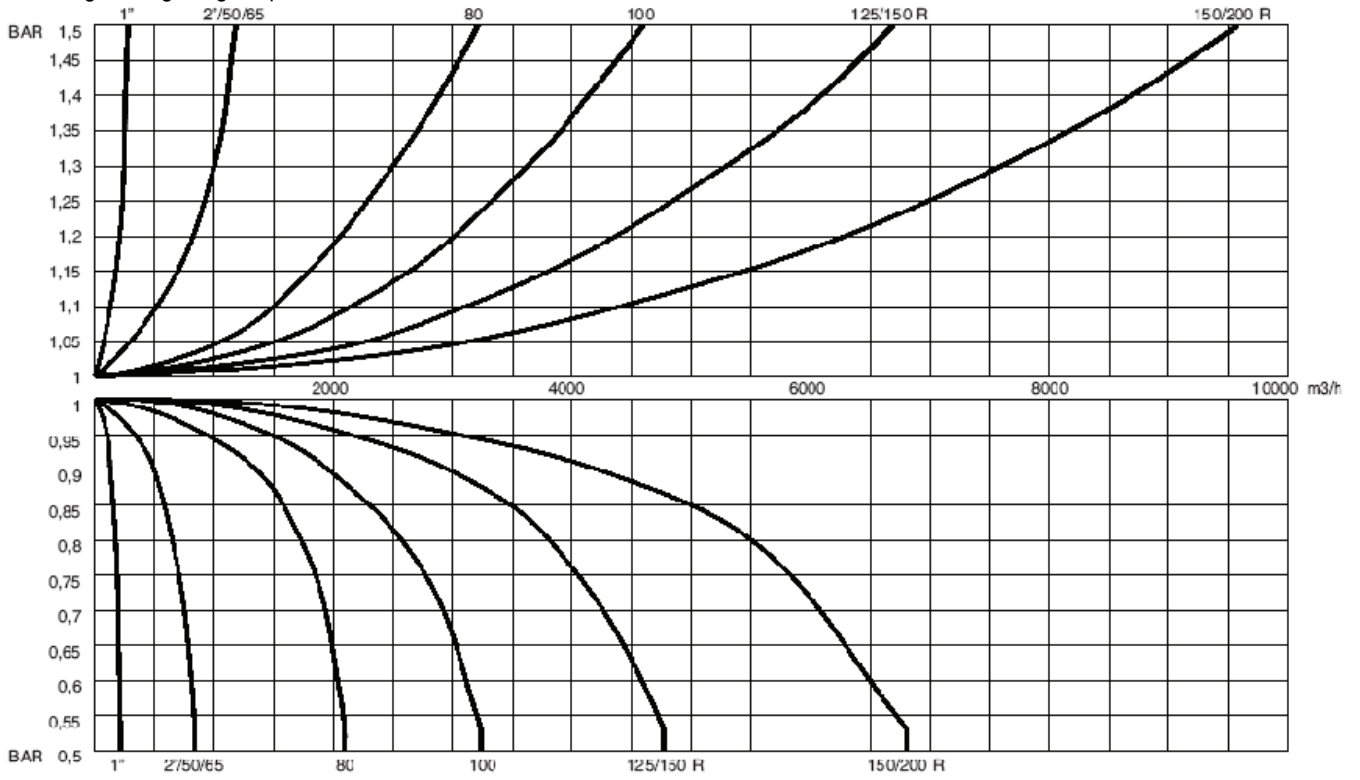
²⁾ fixed flanges

Standard model, with threaded ends

NPS	PN	Dimensions (mm)			Weight (kg)
		A	B	D	
1"	16/25/40	113	205	CH45	3.2
2"		142	260	CH75	6.2

Air discharge/intake during filling/emptying the plant

Air discharge during filling the plant



Air intake during emptying the plant