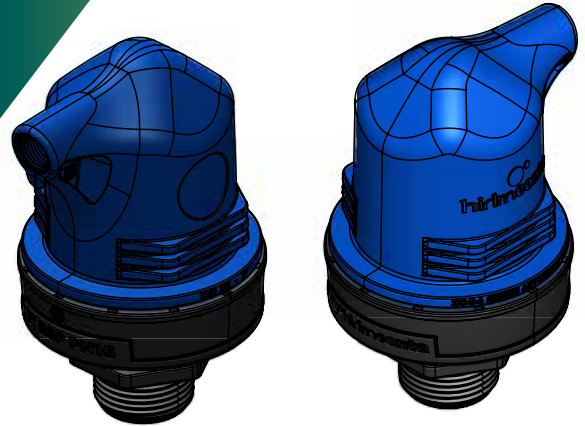


AUTOMATIC AIR RELEASE VALVES

Designed for efficient discharge of large volumes of air from small net systems, filters, containers and others where trapped air can impede the operation of the system.



Operating modes

- 1.** Discharge of large quantities of air when the duct is filled. When the water reaches the suction cup, the float rises and closes the expulsion orifice.
- 2.** It automatically and continuously maintains its function of venting any air pockets that may reach the suction cup, as this causes the float to immediately lower and the closing orifice to open partially or completely. Water pressure does not prevent this function.
- 3.** Air enters the pipe when the internal pressure is below atmospheric pressure. The difference in pressure causes the float to move to the open position, allowing air to enter the pipe.

Applications

- Expel high flow velocity air during initial filling of systems.
- Introduce air into drainage pipes to maintain atmospheric pressure in the pipe, preventing collapse and crushing damage to the pipes.
- Reduce entrained air in the water while the network is pressurised.
- Service pressure: **PN16**



AIR RELEASE VALVE

3/4" y 1/2"

Disassembly

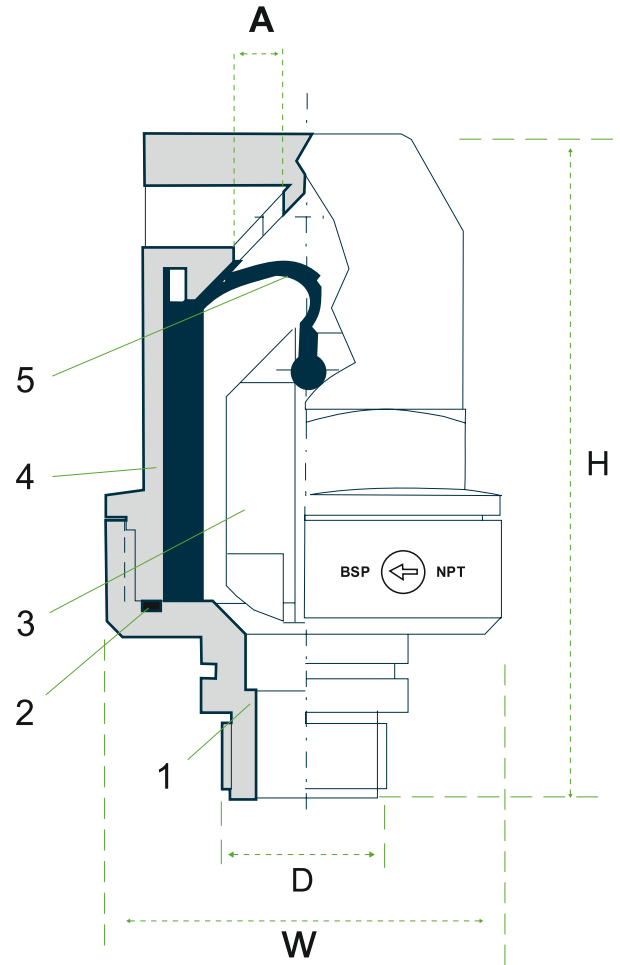


Nº	DESCRIPTION	MATERIAL
1	Base	Polyamide with glass fibre
2	Rubber gasket	NBR
3	Float	Polypropylene
4	body	Polyamide with glass fibre
5	Seat	EPDM

Dimensions

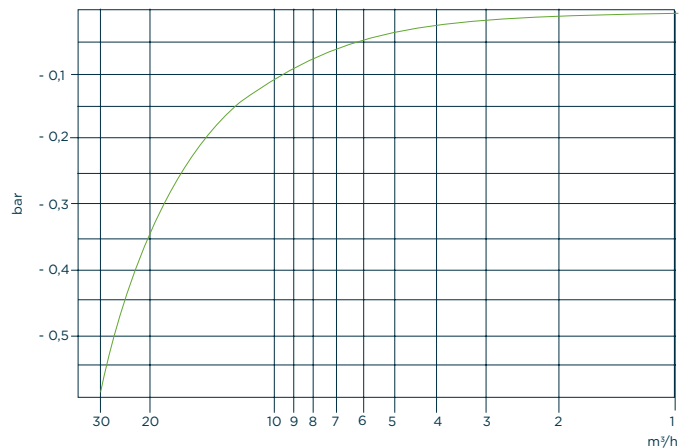
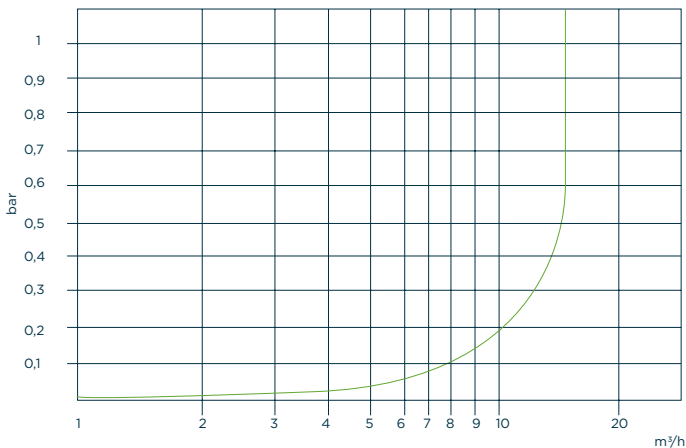


DN		H	W	D	A	WEIGHT	CONNECTIONS
mm	in	mm		mm ²	kg		
15	1/2"	115	59	1/2"	25	0,14	NPT / BSP
20	3/4"	115	59	3/4"	25	0,14	male



Discharged flow rate

Admitted flow rate



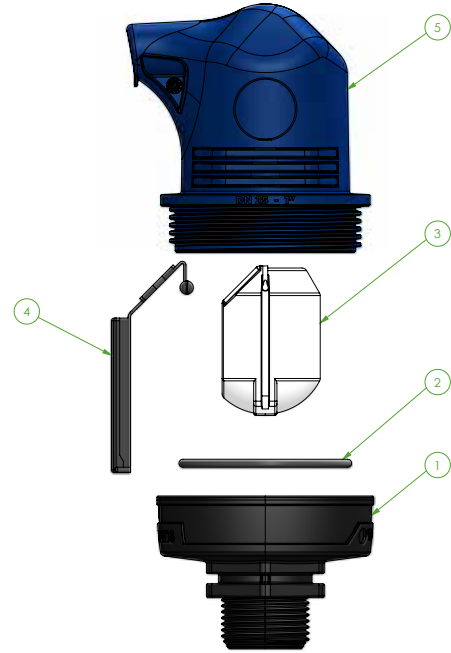
AIR RELEASE VALVE

1"

Disassembly



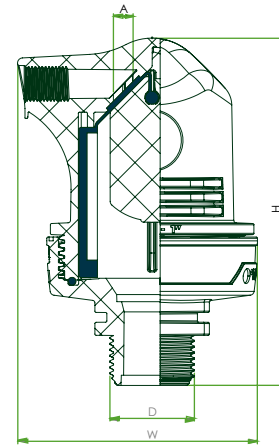
Nº	DESCRIPTION	MATERIAL
1	Base	Polyamide with glass fibre
2	O-ring	NBR
3	Float	Polypropylene
4	Membrane	EPDM
5	Body	Polyamide with glass fibre



Dimensions

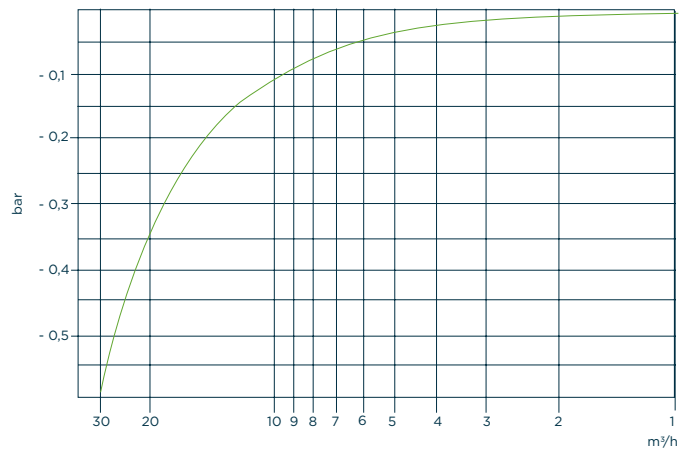
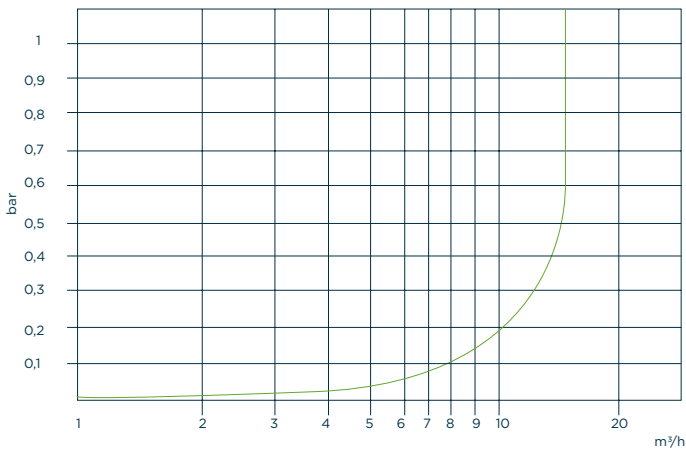


DN	H	W	D	A	WEIGHT	CONNECTIONS	
mm	in	mm	mm ²	kg			
25	1"	135	94	1"	37	0,27	NPT / BSP male



Discharged flow rate

Admitted flow rate



AIR RELEASE VALVE 2"



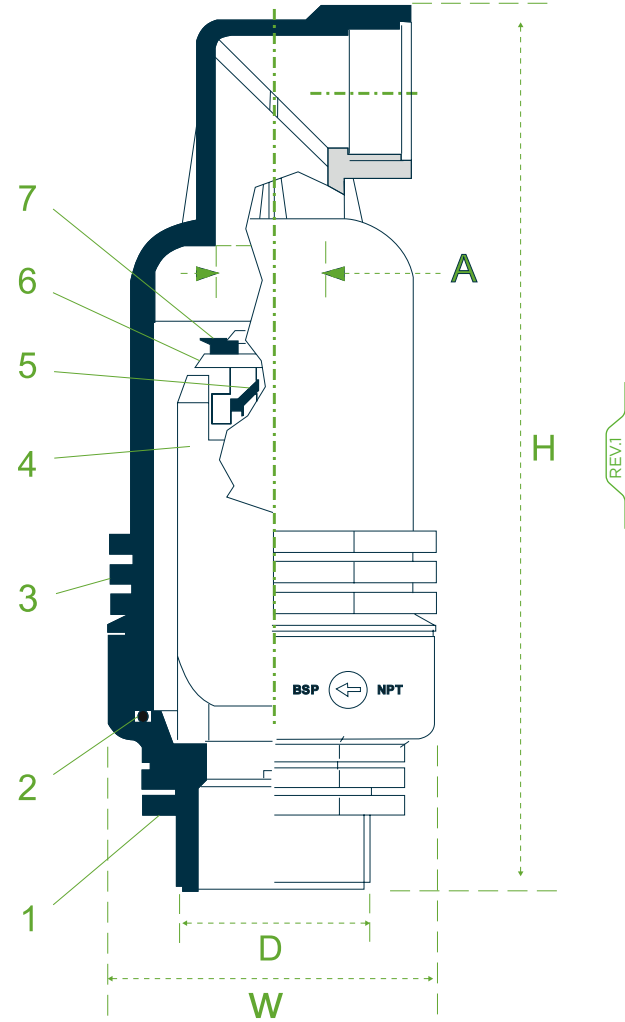
Disassembly

Nº	DESCRIPTION	MATERIAL
1	Base	Polyamide with glass fibre
2	O-ring	NBR
3	Body	Polyamide with glass fibre
4	Kinetic float	EPDM
5	Automatic seat	Polypropylene
6	Automatic float	Polyamide with glass fibre
7	Kinetic seat	EPDM

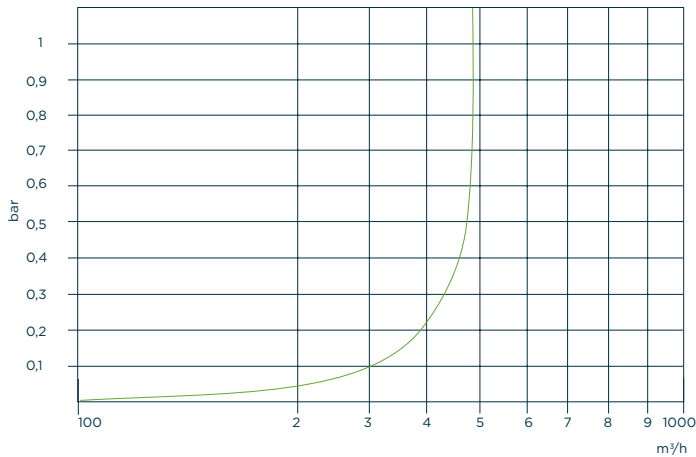
Dimensions



DN	H	W	D	A	WEIGHT	CONNECTIONS	
mm	in	mm	mm ²	kg			
50	2"	245	103	2"	855	0,716	NPT / BSP male



Discharged flow rate



Admitted flow rate

