

Technical data sheet

Type VE120

Single function air valve

Applications and special features



- Continuously and automatically evacuates accumulated air from the high points of installations.
- Plug drain screw to verify the good working of the air valve.
- Different degassing orifice depending of the pressure (PN 16 or PN 25).
- When the pipe is under pressure, the float follows water level. In high position, float closes degassing orifice.
- When air accumulates in the valve, the float falls with the water level thus opening the orifice and allowing the air to evacuate.

Technical description

DN	PN	PFA bar	Cat.	References	Vvs-nr
Air valve F1"	-	16	I	149B 2867	
" " + connection + flange*	10/16	16	I	149B 2867 BR	
" " + connection M1"	-	16	I	149B 2867 RM	
" " + stop valve M1"	-	16	I	149B 2867 VA	
" " + stop valve + flange*	10/16	16	I	149B 2867 VB	

* Flange DN40 - 50 - 60

DN	PN	PFA bar	Cat.	References	Vvs-nr
Air valve F1"	-	25	I	149B 2868	
" " + connection + flange*	25	25	I	149B 2868 BR	
" " + connection M1"	-	25	I	149B 2868 RM	
" " + stop valve M1"	-	25	I	149B 2868 VA	
" " + stop valve + flange*	25	25	I	149B 2868 VB	

* Flange DN40 - 50 - 60

- **Connection** : BSP thread or flanges drilled PN : See table
- **Permissible operating pressure PFA - water-** (for supply, distribution and disposal of water) : See table

• **θ** : Mini. 0 °C
Maxi. 100 °C

- **Mediums** : Clear water

- **Approvals** : ACS

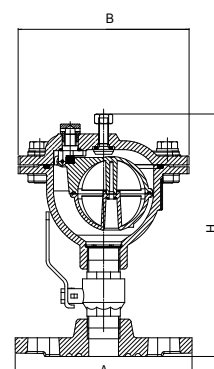
CANAL DE PROVENCE (France)

- **International construction Standards** :
Flange drilling according EN1092-2

Overall dimensions

DN	A	B	H	Weight
	mm	mm	mm	kg
Air valve F1"	-	175	158	5
" " + connection + flange*	185	175	214	8,1
" " + connection M1"	-	175	180	5
" " + stop valve M1"	-	175	218	5,3
" " + stop valve + flange*	185	175	246	8,4

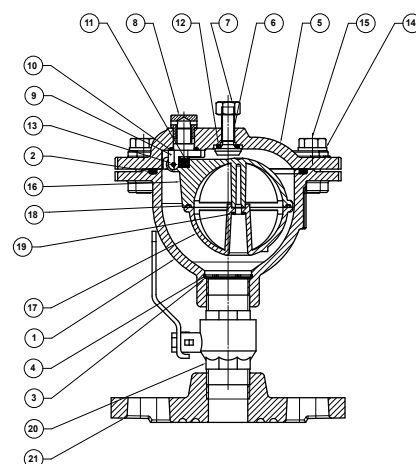
* Flange DN40 - 50 - 60



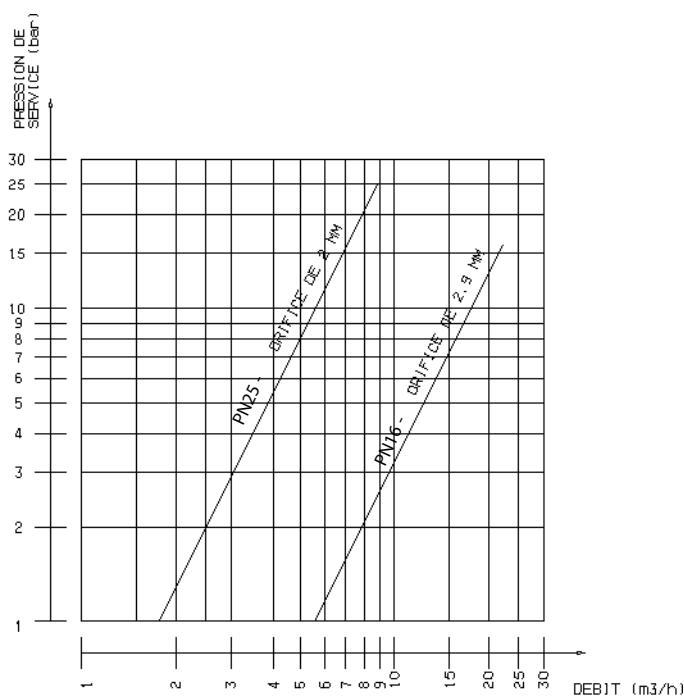
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Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Ductile iron+ epoxy	EN-GJS-400.15	ASTM A 536 60-40-18
2	O-RING	EPDM		
3	FILTER	Stainless steel	EN 10088-3-X2CrNi19-11	AISI 304L
4	CLIPS	Stainless steel	EN10270-3-X10CrNi18-8	
5	VALVE HEAD	Ductile iron+ epoxy	EN 1563-GJS-400.15	ASTM A 536 60-40-18
6	FLOAT STEM	Brass	EN 12164-CuZn39Pb3	
7-8	NUT	Brass	EN 12164-CuZn39Pb3	
9	DRAIN	Brass	EN 12165-CuZn40Pb2	AISI 316
10	O-RING	EPDM		
11	SEAL	EPDM		
12	O-RING	EPDM		
13	PIN	Stainless steel	EN 10088-3-X5CrNi18-10	AISI 304
14	FLAT WASHER	Stainless steel	EN 10088-3-X5CrNi18-10	AISI 304
15	SCREW	Stainless steel	EN 10088-3-X5CrNi18-10	AISI 304
16-17	FLOAT	Grivory black		
18-19	O-RING	EPDM		
20	VALVE	Brass	EN 12165-CuZn40Pb2	AISI 316
21	FLANGE	Ductile iron+ epoxy	EN 1563-GJS-400.15	ASTM A 536 60-40-18



Working principle



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