

AIR RELEASE VALVE SINGLE CHAMBER SINGLE FUNCTION

TECHNICAL PASSPORT

AIR RELEASE VALVE SINGLE CHAMBER SINGLE FUNCTION PN10/16/25

PVS4251A

APPLICATION

TECOFI air release valves are used to evacuate or purge air pockets located in pipes to improve and secure fluid circulation



Fluids: water, compatible liquids.

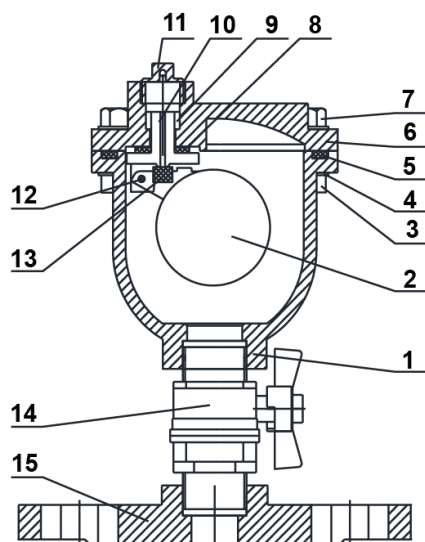
GENERAL CHARACTERISTICS

Range: from DN25 to DN150.

- Powder epoxy coated body RAL5015, 250μ thickness DIN 30677.
- Flange connection according to EN 1092-2: PN10/16/25 from DN25 to DN80 and PN25 for DN100-150.
- With ball valve (1")



CONSTRUCTION



Pos.	Description	Material		
1	Body	Ductile iron	GGG50	
2	Float	ABS	ISO 7245 PA757	
3	Nut	Stainless steel 316	EN ISO4032	BS3692
4	Washer	Stainless steel 316	EN ISO7089	BS4320
5	O-ring	EPDM	EN681-1	BS2494
6	Bonnet	Ductile iron	GGG50	
7	Bolt	Stainless steel 316	EN ISO4017	BS3692
8	Gasket	EPDM	EN681-1	BS2494
9	Adjustable screw	Stainless steel 304	DIN546-1986	
10	Bracket	Brass	EN12164	
11	Cap	Stainless steel 316	EN 10088-3:2005	
12	Hinge pin	Stainless steel 304	EN ISO1234	BS1574
13	Seat	EPDM	EN681-1	BS2494
14	Isolation valve	Brass	EN12164	BS2874
15	Flange	Ductile iron	GGG50	

PRODUCT APPROVALS



Health compliance certificate ACS n° 24 ACC LY 438

Tecofi France

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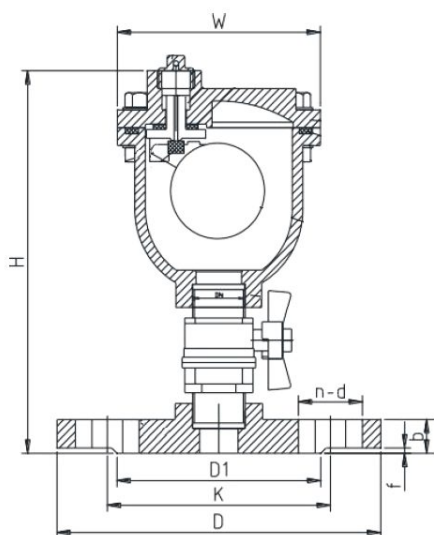
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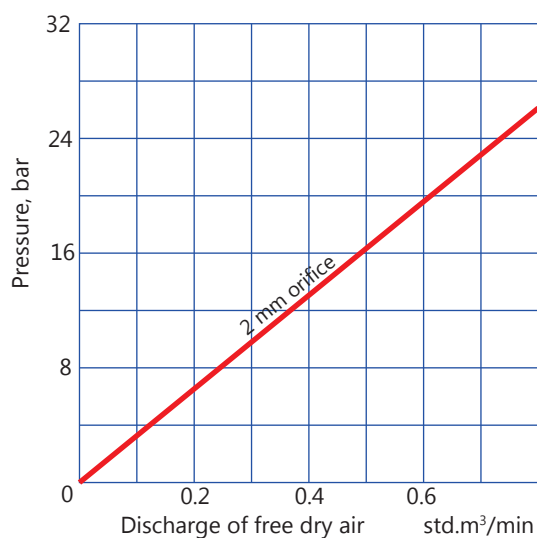
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DIMENSIONS



DN	PN	W	H	D	K	D1	n-d	b	f	Weight (kg)
25	10/16/25	115	210	115	85	65	4-14	16	3	5.5
40/50/60	10/16/25	115	210	185	110-145	118	4-19	19	3	6.3
65	10/16/25	115	210	185	145	118	4-19	19	3	6.5
80	10/16/25	115	210	200	160	132	8-19	19	3	7.1
100	10/16/25	115	210	235	190	156	8-23	19	3	8.1
150	10/16/25	115	210	300	250	211	8-28	20	3	12

FLOW CAPACITY



The air release valves can be fitted to any peak on a pipeline where the pressure is greater than 0.2 bar and up to the maximum working pressure.

WORKING CONDITIONS

Maximum working temperature : +80°C
Maximum working pressure : 25 bar

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