

AIR RELEASE VALVE

MODEL: FH80-01-CV

INTRODUCTION

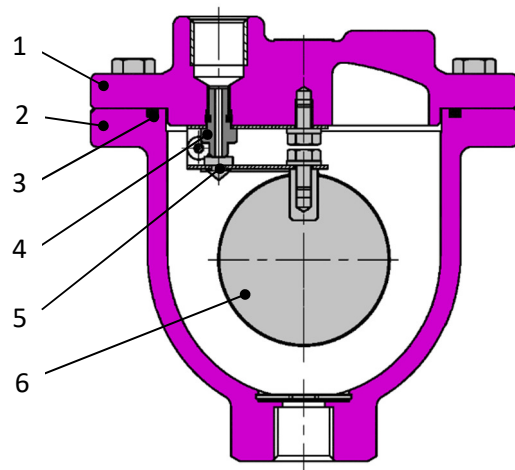
FLOHUB Air release valve is installed at the highest points in a pipeline where air naturally accumulate. When air bubbles enter the valve chamber and move the liquid inside, lowering the liquid level. When the liquid level drops to where it no longer buoys the float, the float drops and pulls the seat away from the orifice, triggering the valve to open and vent the accumulated air into the atmosphere. As the air is vented, liquid re-enters the valve chamber, once again buoying the float, lifting it until the seat presses against the orifice, closing the air vent valve. This cycle automatically repeats to maintain an air-free system.



- **Quickly Venting Large Volumes of Air During Filling or Start-Up**
- **Prevent Pump Failures, Corrosion, Flow Issues, Water Hammer & Pressure Surges**
- **Provide Smooth and Efficient Operation**

Material of Construction

No.	Parts Name	Material
1	Cover	Cast Iron / Ductile Iron
2	Body	Cast Iron / Ductile Iron
3	Gasket	EPDM / VITON
4	Seat	Stainless Steel
5	Orifice Seal	EPDM / VITON
6	Float	Stainless Steel



Specification

Size: DN15~DN100

Max working pressure: 12bar

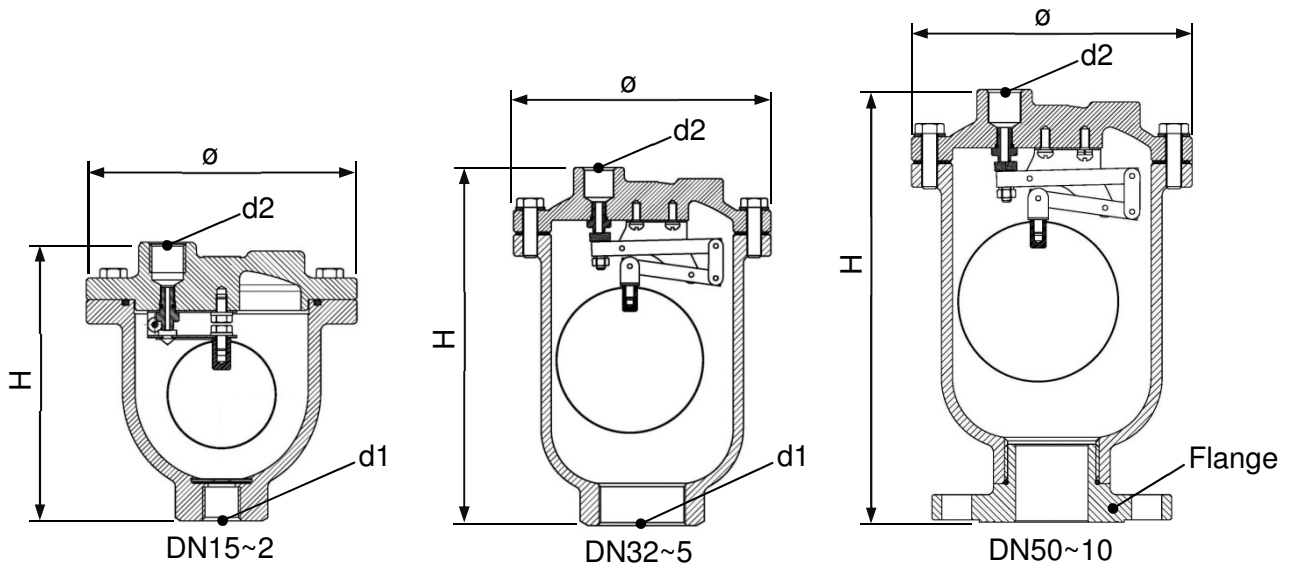
Max working temperature: 100°C / 220°C

- ❖ Please consult our sales representative for higher working pressure requirement.

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DIMENSION



Valve Size	D (mm)	H (mm)	d1 (PT)	d2 (PT)
Threaded				
15	125	145	1/2"	1/2"
20	125	145	3/4"	
25	150	156	1"	
32	178	250	1-1/4"	
40	178	250	1-1/2"	
50	178	250	2"	
Flanged (10K / PN16 / 150LB)				
50	178	280	-	1/2"
80	245	300	-	
100	245	300	-	