

start up air release valve, float controlled  
up to 130 °C



## Technical Data

Connection	DN 25 - 100
Nominal Pressure	PN 16
Operating Pressure	DN 25 - 50 up to 12 bar DN 65 - 100 up to 13 bar
Flow Rate	up to 1117 m <sup>3</sup> /h

## Description

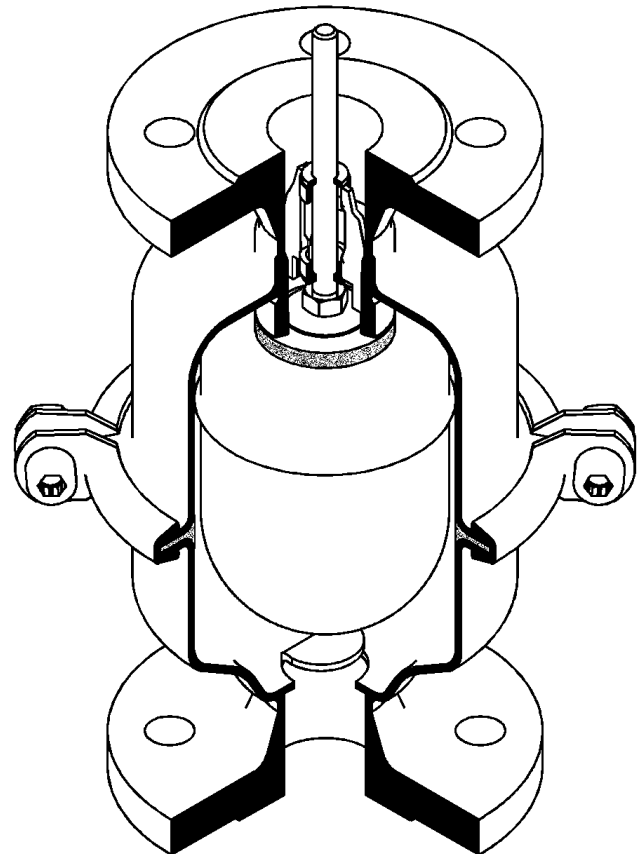
Start-up bleed valves remove air or gases from systems or pipelines during the filling process without requiring an external energy input. When a system is drained they act as venting valves; venting may be prevented by fitting a commercial check valve to the outlet.

Thanks to the large cross-sectional area of the seat these valves are capable of handling large air volumes at low pressures. They close as soon as the system is filled with fluid. When the liquid level drops these valves will only open if the system is depressurised; they will not open under working pressure.

EB 3.52 is a float-controlled start-up bleed valve manufactured completely from deep-drawn stainless steel components featuring excellent corrosion resistance. The float is precisely guided in the outlet spigot. The valve cone is fitted with a soft seal. The minimum pressure required for valve sealing is 0.3 bar.

Top and bottom sections of the valve body are connected by a clamp ring and two bolts. Servicing/maintenance is easy and does not call for special tooling.

If small air volumes have to be bled during continuous operation, a dual bleed valve should be used such as EB 1.74.



## STANDARD EQUIPMENT

- All stainless steel construction
- Quick-release body clamp ring

## OPTIONS

- Working pressure up to 16 bar
- Various seal materials suitable for your medium
- Plastic coating for corrosive fluids
- Non-return valve to prevent venting
- Special connections: Aseptic, ANSI or DIN flanges, welding spigots; other connections on request
- Special versions on request

Operating instructions, Know How and Safety instructions must be observed.

The pressure has always been indicated as overpressure.  
We reserve the right to alter technical specifications without notice.

Air Flow rate [m <sup>3</sup> /h] at 0 °C, 1013 mbar							
Δp bar	nominal diameter DN						
	25	32	40	50	65	80	100
0.05	52	90	125	217	378	543	790
0.1	73	126	177	307	534	767	1117

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Materials	
Body	CrNiMo-steel
Body Seal	EPDM
Internals	CrNiMo-steel
Float	CrNiMo-steel
Valve Seal	EPDM
Profile Clamp	CrNiMo-steel

Dimensions [mm]							
size	nominal diameter DN						
	25	32	40	50	65	80	100
A	247	255	257	261	430	440	440
D	200	200	200	200	265	265	265
E	45	45	35	35	-	-	-

Weights [kg]							
nominal diameter DN							
25	32	40	50	65	80	100	
4.5	6	6.5	8.5	15	16	18	

Special designs on request.  
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