

# Bleeding and Venting Valves

## Continuous Bleeding and Venting Valves EB 1.48



Bleeding and Venting Valve with sight glass

### Technical Data

Connection G	1/2
Nominal Pressure PN	16
Operating Pressure	0 - 16 bar
Flow Rate	28 Nm <sup>3</sup> /h
Temperature	130 °C
Medium	Liquids

### Description

Bleeding and venting valves remove air or gases from systems or pipelines without requiring an external energy input. When a system is drained they act as venting valves; venting may be prevented by fitting a non-return valve.

The bleeding and venting valves EB 1.48 are float-controlled, compact and lightweight devices for water treatment (also ozone), pipelines, fuel tanks etc. The valves are made of deep-drawn stainless steel featuring a high corrosion resistance. The valve cone is provided with a soft seal. The function can be viewed through the sight glass.

The simple design makes it easy to specify, install, handle and service these valves in an industrial environment.

Please state working pressure range when enquiring or ordering.

### Standard

- » completely made of CrNiMo-steel
- » large soda lime glass

### Options

- » ozone-resistant design
- » enhanced float for density < 900 kg/m<sup>3</sup>
- » various seal materials suitable for your medium
- » manual bleed valve for function control
- » Maxos sight glass
- » special versions on request

Operating instructions, know how and safety instructions must be observed. All the pressure has always been indicated as overpressure. We reserve the right to alter technical specifications without notice.



### Pressure Ranges [bar]

0 - 2	0 - 4	0 - 6	0 - 10	0 - 16
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### Flow Rate [Nm<sup>3</sup>/h]

Δp bar	pressure range bar				
	0 - 2	0 - 4	0 - 6	0 - 10	0 - 16
0.1	4.2	2.7	1.5	0.7	0.38
0.5	9.5	6.1	3.5	1.5	0.85
1	17.6	11.3	6.3	2.8	1.5
2	26.4	16.9	9.5	4.2	2.3
4		28	15.9	7	4
6			22.2	9.8	5.5
8				12.7	7.1
10				15.5	8.7
12					10.3
16					13.4

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Materials	
Body	CrNiMo-steel
Internals	CrNiMo-steel
Float	CrNiMo-steel
Valve Seal	EPDM
Body Seal	Nova-Universal
Sight Glass	soda lime glass

Weight [kg]	
	4.5

Customs Tariff Number	
	84818059

Special designs on request.  
The pressure has always been indicated as overpressure.  
Mankenberg reserves the right to alter or improve the designs or specifications of the products described herein without notice.

### Dimensional Drawing

