

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 ³ /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
- » Maxos sight glass

Options

- » Ozone-resistant design
- » Enhanced float for density < 900 kg/m³
- » Various seal materials suitable for your medium
- » Manual bleed valve for function control
- » 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
-------	-------	-------	--------	--------

Flow Rate [Nm³/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

Bleeding and Venting Valves

Continuous Bleeding and Venting Valves EB 1.48



Bleeding and Venting Valve with sight glass

Materials

Body	CrNiMo-steel
Internals	CrNiMo-steel
Float	CrNiMo-steel
Valve Seal	EPDM
Body Seal	EPDM/Nova-Universal
Sight Glass	Maxos sight glass

Weight [kg]

4.5

Customs Tariff Number

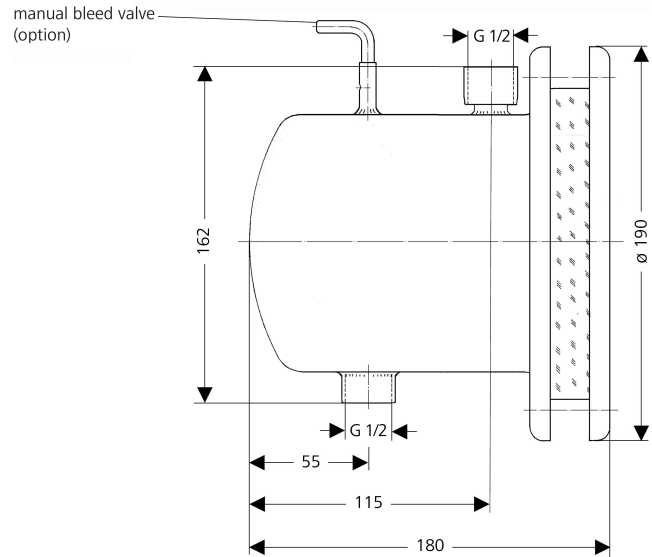
84818059

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



* Overall length tolerances in acc. with DIN EN 558