

## LEVEL CONTROL

# Bleeding and venting valve EB 6.32

Continuous bleeding valve for high pressure



### Technical data

Connection DN	15 - 50
Connection G	1/2 - 2
Nominal pressure PN	63
Operating pressure	0 - 63 bar
Flow rate	36 Nm <sup>3</sup> /h
Temperature	200 °C
Medium	liquids from density of 468 kg/m <sup>3</sup>

### 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. EB 6.32 are float-controlled, compact and lightweight bleeding and venting valves for particular applications and special media. Thanks to its fully developed lever mechanism, the valve is suitable for media from a density of 468 kg/m<sup>3</sup>. They are manufactured from stainless steel featuring excellent corrosion resistance. The valve cone can be fitted with a soft or metallic seal. The simple design makes it easy to specify, install, handle and service these valves in an industrial environment.

Valves for continuous bleeding must not be overdimensioned. If a larger valve size is selected, a higher working pressure range with a correspondingly lower flow volume should be chosen. In case of doubt, we shall be happy to advise you.

On filter vessels the bleed connection is often located in the middle of the vessel. If the flow volume is large and the distance between distribution funnel and bleed connection small, the incoming water jet hits the bleed connection. This will impair the efficiency of the bleed valve and can result in water hammer. This problem may be avoided by installing a baffle or by placing the bleed connection away from the centre.

### Standard

- » All stainless steel construction
- » Cone with soft seal
- » Version suitable for temperatures up to 200°C

### Options

- » Ozone-resistant design
- » Various seal materials suitable for your medium
- » Kunststoffbeschichtung für aggressive Flüssigkeiten
- » Special connections: Aseptic, ANSI or JIS flanges, welding ends, other connections on request
- » Special versions on request

### Product



Picture similar

### Technical specification

#### Flow rate [Nm<sup>3</sup>/h] soft seal

pressure range bar	$\Delta p$ bar	nominal diameter DN 15 - 50
0 - 25	25	21
0 - 30	30	10
0 - 40	40	14
0 - 63	63	-

#### Flow rate [Nm<sup>3</sup>/h] metallic seal

pressure range bar	$\Delta p$ bar	nominal diameter DN 15 - 50
0 - 25	25	36
0 - 30	30	43
0 - 40	40	32
0 - 63	63	22

other pressure ranges on request

## LEVEL CONTROL

# Bleeding and venting valve EB 6.32

Continuous bleeding valve for high pressure



### Materials

Materials*		
Temperature	130 °C	200 °C
Body	Stainless steel 1.4404 / 316L*	Stainless steel 1.4404 / 316L*
Internal parts	Stainless steel 1.4404 / 316L*	Stainless steel 1.4404 / 316L*
Float	Stainless steel 1.4404 / 316L*	Stainless steel 1.4404 / 316L*
Valve seal	EPDM optional FKM	metallic
Body seal	EPDM	Graphite

\*All materials equal or of higher quality

### Dimensions and weights

Dimensions [mm] PN 25 / 40 **			
size	nominal diameter		
	G 1/2 x 1/2A	G 3/4 x 1/2A	G 1 x 3/4A
B	40	40	40
C	186	196	194
D	170	170	170

Dimensions [mm] PN 25 / 40 **			
size	nominal diameter		
	DN 15	DN 20	DN 25
B	40	40	40
C	242	240	227
D	170	170	170

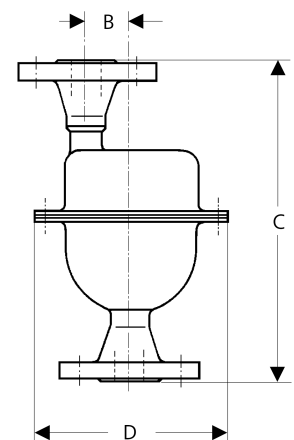
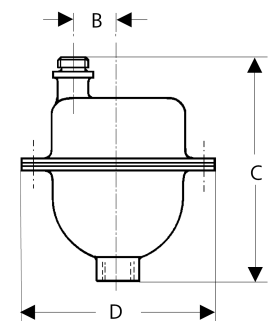
Weights [kg] PN 25 / 40 **			
nominal diameter	nominal diameter		
	G 1/2 x 1/2A	G 3/4 x 1/2A	G 1 x 3/4A
	3.4	3.5	3.6

Weights [kg] PN 25 / 40 **			
nominal diameter	nominal diameter		
	DN 15	DN 20	DN 25
	4.7	5	5.5

\* Length tolerances according to DIN EN 558

\*\* PN 63 on request

Customs tariff number	
84818059	



Mankenberg GmbH | Spenglerstrasse 99 | D-23556 Luebeck | Germany

#### Authorised Distributor:



46, Jalan SS 22/21, Damansara Jaya,  
47400 Petaling Jaya,  
Selangor Darul Ehsan, Malaysia.

Email: [ampmech@ampmech.com](mailto:ampmech@ampmech.com)

Website: [www.ampmech.com](http://www.ampmech.com)

Please send us your enquiry and allow us to advise you. Special designs on request.

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