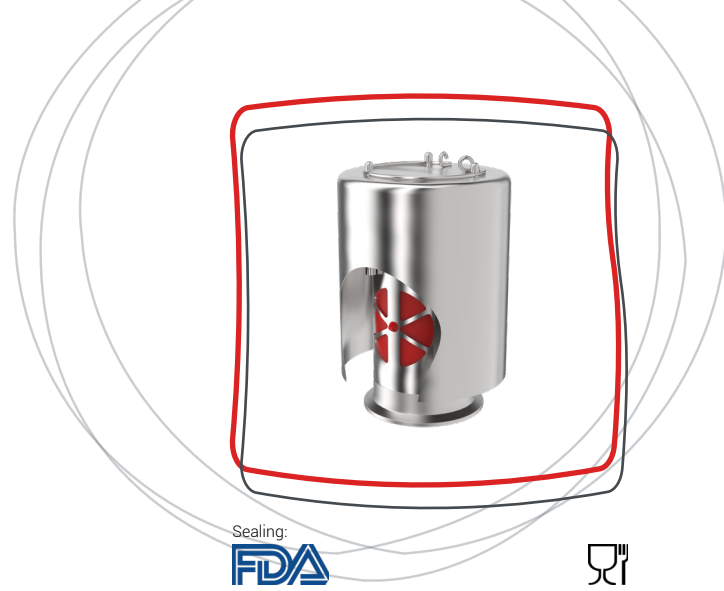


BOGV[®]

Pressure and vacuum safety valve for storage tanks under protective atmosphere



Presentation

The BOGV valve is designed to protect storage tanks under protective atmosphere, particularly in the wine industry, against negative pressure (vacuum breaker) and overpressure.

Key features

- Combined pressure and vacuum valve
- Specially designed to protect storage tanks under a protective atmosphere
- Completely self-contained (no external controls required)
- Simplified, cost-effective maintenance

Applications

- Storage of food and non-food products, particularly wines and champagnes
- Tanks whose operating pressure does not exceed 50 mbar and whose operating temperature does not exceed 40°C
- Exclusively designed to convey gases (in the event of overflow, manual dismantling and cleaning of the valve components is required)

Technical features

Sizes: DN 50

Connection to the tank: Vertical straight Clamp SMS 76

Pressure setting by stainless steel weights: 40 mbar

Negative pressure setting by VMQ membrane (Silicone): -1 mbar

Tank filling rate: Up to 100 m³ /h (tank pressure less than 80 mbar)

Tank draining rate: Up to 100 m³ /h (negative pressure in the tank between 0 and -5 mbar)

Operating temperature: +5°C to 40°C

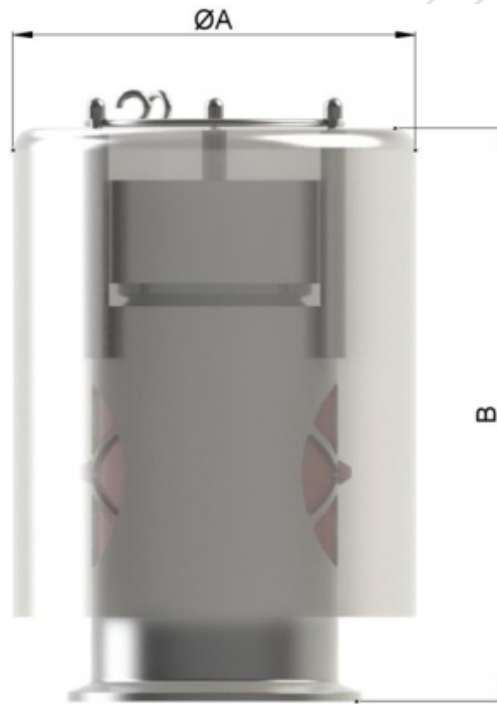
Washing temperature: +85°C max (subject to natural cooling and absence of thermal shock)

Materials

- Parts in contact with the product: Stainless steel 1.4404 (316L)
- Other parts: Stainless steel 1.4307 (304L)
- Sealing: EPDM (Ethylene Propylene Diene Monomer) and VMQ (Silicone) seals

Dimensions in mm

Sizes	DN 50
$\varnothing A$	124
B	176



Warranty

12 months as from the date of dispatch (except for special conditions)

Conformity

- Elastomer seals compliant with FDA CFR 21.177.2600 and Regulation (EC) 1935/2004