



Pressure & vacuum safety valve  
for storage tank  
in a protected atmosphere

**BOGV<sup>®</sup>**



**OVERVIEW:**

The BOGV valve is intended to protect inerted storage tanks, more especially in the wine producing domain, against vacuums (vacuum breaker) and excess pressures.

**KEY BENEFITS:**

- ▲ Combined pressure and vacuum valve
- ▲ Specially designed for storage tanks in protected atmospheres
- ▲ Fully autonomous (no external control required for its operation)
- ▲ Simplified and cost-effective maintenance
- ▲ Low pressure sealing (regulation of the gas stratification and control of the nitrogen consumption)
- ▲ The best quality/price ratio on the market

**APPLICATIONS:**

- ▲ Storage of food and non-food products and more especially wines and champagnes
- ▲ Tanks where the inerting value is between 15 and 35 mbars and where the service temperature does not exceed 40 °C
- ▲ Exclusively designed to transport gases (in case of overflow, the valve elements must be dismantled and cleaned manually)

#### TECHNICAL SPECIFICATIONS:

**Sizes:** DN 50

**Tank connection:** Straight vertical Clamp SMS 76

**Pressure setting by weight in stainless steel:** 40 mbar

**Vacuum-relief setting by VMQ membrane (Silicone):** -1 mbar

**Maximum pressure in the tank:** 80 mbar

**Tank fill rate:** Up to 100 m<sup>3</sup>/h (pressure in the tank below 80 mbar)

**Tank draw-off rate:** Up to 100 m<sup>3</sup>/h (vacuum in the tank between 0 and -5 mbar)

**Service temperature:** +5°C to 40°C

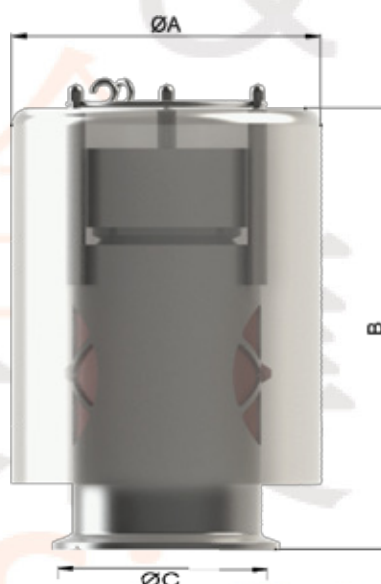
**Washing temperature:** +85°C maximum (in natural cooling conditions and with no thermal shocks)

#### Materials:

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

#### DIMENSIONS IN MM:

SIZES	DN 50
Ø A	124
B	176
C	91



#### GUARANTEE:

12 months from the date of delivery (except in the case of special conditions)

#### COMPLIANCE:

- Elastomer gaskets compliant with FDA CFR 21.177.2600 and 1935/2004/EC ruling

SERVINOX follows the recommendations of international guidelines and standards relative to hygienic design and construction, in particular those of the EHEDG and 3-A.

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Only the commercial offer and the technical manual supplied with the equipment may be used for technical and legal purposes.

Servinox is an ISO 9001:2008 certified company

