



Bunging valve system
for fermentation or storage tank
under pressure

BO ©



OVERVIEW:

The bunging valve system is an element used to regulate pressure. It is used to control fermentation and maintain a constant pressure in a tank.

A ball ensures sealing on contact with a lip seal. The pressure adjustment is via a sliding stainless steel weight on the lever. The system comes with a 63 mm diameter stainless steel manometer.

KEY BENEFITS:

- ▲ Fermentation control
- ▲ Maintains a constant pressure
- ▲ Possible versions: Pressure, Pressure/vacuum, Pressure/pressurization, Pressure/vacuum/pressurization

APPLICATIONS:

- ▲ Equipment for maintaining pressure for tanks where the pressure is between 0 and 6 bar
- ▲ Process equipment especially suited to beer production (fermentation, filtered beer and storage tanks) and wine production (sparkling wines)
- ▲ The bunging valve system is an element for regulating the pressure and is not therefore a security accessory intended to protect against excess pressures and as a rule is not sufficient to protect against vacuums.

To protect your tanks more effectively against the risks of vacuum and excess pressure: refer to the «Security & Protection» range sheets.

TECHNICAL SPECIFICATIONS:

Sizes: DN 25, DN 40

Connections: Male

Service pressure: Up to 6.0 bar

Service temperature: From 1 °C to 80 °C

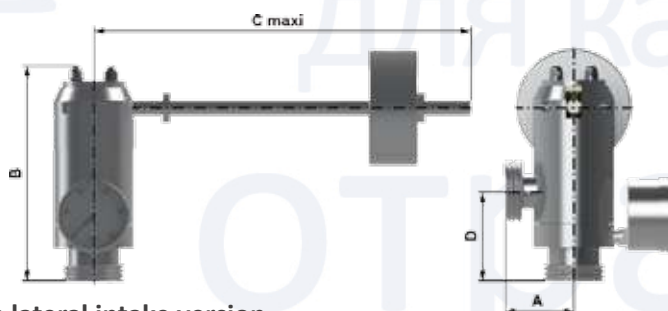
Materials:

- Parts in contact with the product: 1.4404 (316L) stainless steel
- Other parts: 1.4301 (304L) stainless steel
- Ball: Arnite®
- Gaskets: EPDM (Ethylene Propylene Diene Monomer)

STANDARD DIMENSIONS IN MM:

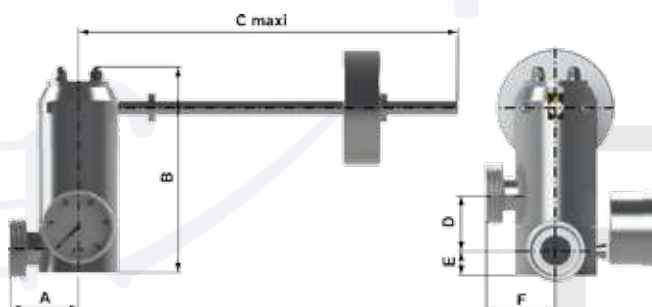
Model BO-A: Pressure only with lower intake version

SIZES	DN 25	DN 40
A	60	99
B	183	203
C	453	465
D	77	85



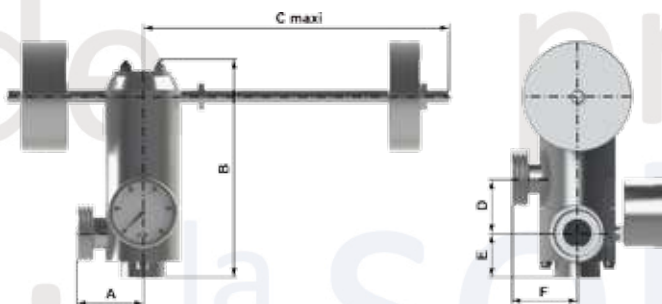
Model BO-B: Pressure only with lateral intake version

SIZES	DN 25	DN 40
A	60	71
B	182	212
C	453	465
D	50	56
E	25	33
F	60	86



Model BO-C 52: Pressure with lateral intake/vacuum version

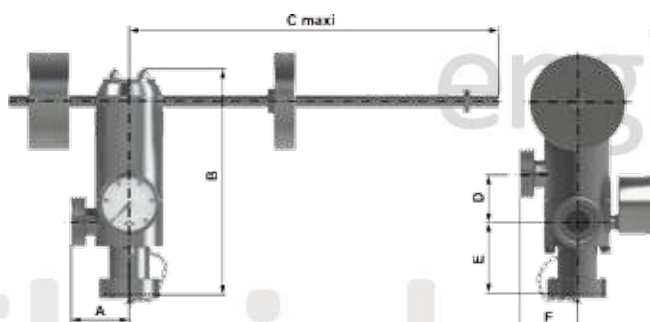
SIZES	DN 25	DN 40
A	60	71
B	196	223
C	453	465
D	50	59
E	40	47
F	60	98



Servinox makes every effort to update its documents in line with improvements to its products.

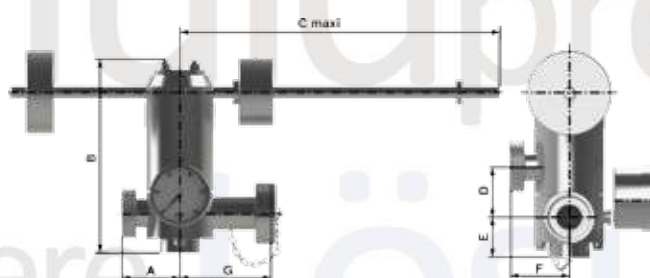
Model BO-C 54: Pressure with lateral intake/pressurization version

SIZES	DN 25	DN 40
A	60	71
B	240	256
C	453	465
D	50	59
E	73	79
F	60	98



Model BO-D: Pressure with lateral intake/pressurization/vacuum version

SIZES	DN 25	DN 40
A	60	71
B	196	223
C	453	465
D	50	59
E	40	47
F	60	98
G	104	118



This data sheet can therefore be updated with no prior notifications.

Servinox is an ISO 9001:2008 certified company



OPTIONS:

- Version all stainless steel supporting temperatures up to 120 °C
- Balancing counterweight for extended range adjustment
- DN 32, DN 50 male connectors
- Other membranes available: FKM (Fluorocarbon rubber, eq. Viton®)
- Customized equipment: please contact us

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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