I Application

The INNOVA F valve is a shut-off single seat valve designed specifically for installation at the tank bottom for use in hygienic applications.

I Design and features

More compact space-saving design.
Specific body with a welded flange.
45° elbow outlet to enable welding.
Opening towards the inside of the valve.
Radial type seal design.
Single-acting actuator.
Normally closed valve.
Open lantern allows visual inspection of shaft sealing.

I Technical specifications

Materials:
- Parts in contact with the product: AISI 316L (1.4404)
- Other stainless steel parts: AISI 304 (1.4301)
- Gasket: EPDM

Surface finish:
- Internal: Bright polish Ra ≤ 0.8 μm
- External: Matt

Available sizes:
- DIN 11850: DN 25 - DN 100
- ASME BPE: OD 1" - OD 4"

Connections: Weld

Operating limits:
- Temperature range: -10 °C to +121 °C (EPDM) 14 °F to 250 °F
- SIP, max. 30 min: +140 °C 284 °F
- Maximum working pressure: 10 bar 145 PSI
- Minimum working pressure: Vacuum
- Compressed air pressure: 6-8 bar 87-116 PSI

I Options

Manual actuator.
Gaskets: FPM, HNBR.
Other connection types.
C-TOP and C-TOP+ control units.
External position sensors.
Surface finish: Ra ≤ 0.5 μm.
**Tank Bottom Single Seat Valve**

**I Housing combinations**

![Images of L and T housing combinations]

**I Dimensions**

<table>
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<tr>
<th>DN</th>
<th>Pipe Ø</th>
<th>A</th>
<th>B</th>
<th>B1</th>
<th>Ø C</th>
<th>Ø C1</th>
<th>Ø F</th>
<th>E</th>
<th>H1</th>
<th>H2</th>
<th>H3</th>
<th>kg</th>
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