I Applications

The INNOVA S-type valve is a pneumatic shut-off double seat valve for hygienic applications. The leakage chamber, under atmospheric pressure, situated between the two seats ensures a safe interface between the two liquids, one of which is usually a CIP solution (cleaning agent).

The leakage chamber is cleaned via the CIP nozzle situated in the lantern.

I Design and features

Hygienic design according to EHEDG.
No leakage during the opening/closing of the valve.
Balanced lower seat.
Single-acting pneumatic actuator.
Easy assembly/disassembly of internal parts by loosening a clamp fastener.
Open lantern allows visual inspection of shaft sealing.
360º adjustable body.

I Technical specifications

Materials:
Parts in contact with the product Stainless steel AISI 316L (1.4404)
Other stainless steel parts Stainless steel AISI 304 (1.4301)
Gasket EPDM (according to FDA and EC 1935/2004)

Surface finish:
Internal Bright polish Ra ≤ 0,8 μm
External Matt

Available sizes:
DIN 11850 DN 40 - DN 100
ASME BPE OD 1½" - OD 4"

Connections Weld

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

Gaskets: FPM, HNBR.
Other connection types.
C-TOP+ control unit.
External position sensors.
Internal surface finish: Ra ≤ 0,5 μm.

I Dimensions

<table>
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<tr>
<th>DN</th>
<th>Pipe Ø</th>
<th>A</th>
<th>C</th>
<th>D</th>
<th>Ø F</th>
<th>E</th>
<th>H1</th>
<th>H2</th>
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I Housing combinations

A  B  C  D