I Application

The INNOVA T mixproof valve is a double seat pneumatic shut-off valve designed specifically for use in tanks and vats used for hygienic applications. A leak detection chamber under atmospheric pressure formed between both seats ensures that two different products are safely separated, one of which is usually CIP (cleaning agent).

The INNOVA T valve has two seats that form a leak detection chamber at atmosphere pressure for every type of operating condition. This means that any leaked product will enter the leak detection chamber before being discharged through the leak outlet. The leak detection chamber is closed when the valve is open, enabling the product to transfer from the tank to the pipes. This chamber is closed to the process when the valve is open, enabling the product to transfer from the tank to the pipes. Additionally, the valve can be cleaned to any level depending on the process.

I Design and features

No leakage during the opening/closing of the valve.
Single-acting pneumatic actuator.
Easy disassembly of internal parts by loosening a clamp fastener.
Open lantern allows visual inspection of shaft sealing.

I Technical specifications

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

Surface finish:
- Internal: Polished Ra ≤ 0.8 μm
- External: Matt

Available sizes:
- DIN EN 10357 series A (previously DIN 11850 series 2): DN 40 - DN 100
- ASTM A269/270 (corresponds to OD pipe): OD 1½" - OD 4"

Connections: Weld

Operating limits:
- Maximum working temperature: 121°C 250°F
- Temperature SIP, max. 30 min: 140°C 284°F
- Maximum working pressure: 10 bar 145 PSI
- Minimum working pressure: Vacuum Vacuum
- Compressed air pressure: 6-8 bar 87-116 PSI
Tank Bottom Double Seat Valve

I Options

Gaskets: FPM, HNBR.
Other connection types.
C-TOP+ control unit.
External position sensors.
Internal surface finish: Ra ≤ 0.5 μm.

I Housing combinations

L
T

I Dimensions

The information is for guidance only. We reserve the right to modify any material or feature without notice in advance.
Photos are not binding. For further information, please consult our web site.