



GUTH VENTILE Pneumatic actuated control valve Series: VSR 5184/5185/5186 Stainless steel 316L Process connection: Butt weld EN 10357 series A



Characteristics

Series: VSR 5184/5185/5186
Housing material: Stainless steel 316L [1.4404]
Internal roughness value: Ra ≤ 0.8 µm
Process connection: Butt weld
Standard connection: EN 10357 series A
Stem seal type: O-ring
Seat material: Stainless steel 316L [1.4404]
Primary spindle seal material: EPDM
Type of actuator: Pneumatic
Function actuator: Spring closing
Positioner: Topcontrol Digipos
Control signal: 4 - 20 mA
Level of protection (IP value): IP67
Medium temperature: 1 / 90 °C
Ambient temperature: 4 / 45 °C

Application

- Food products.
- Dairy.
- Milk.
- Beer.
- CIP.
- Fruit juice.
- Water.
- Sauces.
- Oils.
- Recommended in: Food & Beverages, Food primary processes [contact with food]

Technical Information

- Hygienic model with spindle seal EPDM O-rings.
- Sterilisation temperature with EPDM seal 140 °C [SIP 30 min].
- Leakage class metal-sealed EN 1349/IEC 60534-4 class IV.
- Including positioner Digipos.
- Control signal 4 - 20 mA, 4-wire, 24V DC.
- Pilot supply 5.5 to 6.0 bar.
- Welding connection EN 10357 Series A for pipe DIN 11850 Series 2.

Execution

Model & function:

- VSR 5184 LD Control Valve 2-way.
- VSR 5185 LLD K3 Mixing Valve 3-way.
- VSR 5186 LLD K4 Distributing valve 3-way.

Approval

- EC1935/2004 certification on the seals.
- FDA admission on the seals.

Options

- Pneumatic actuation single-acting spring-opening.
- Comprehensive control and signalling options.
- Positioner according to specifications.
- Assembly according to Namur.
- Seals HNBR FDA, CIP temperature 120 °C [30 min].
- Leakage class EN 60534-4 class VI with soft seal.
- Multi-stage control for cavitation prevention.
- 3.1 Certificate.

Versions:

- Straight valve model.
- T version.
- Multidirectional mixing or distribution version.

Process connections:

- Weld connection Inch size.
- Threaded connection DIN 11851 or DIN 11864-2.
- Connection with Clamp DIN 11853-3 or DIN 11864-3.

Description	Article
Pneumatic actuated hygienic control valve Series: VSR 5184 2-Way Straight	14684235
Pneumatic actuated hygienic control valve Series: VSR 5185 3-Way Mixing	14684212
Pneumatic actuated hygienic control valve Series: VSR 5186 3-Way Distribution	14684343

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