



ADCAPURE Pneumatic actuated control valve Type: 25691 Series: V926H Stainless steel Tri-clamp EN (DIN) PN16

Characteristics

Series: V926H
Type: 25691
Function: Hygienic control valve
Construction type: Angle pattern
Housing material: Stainless steel 316L
Material quality: 1.4404
Internal roughness value: $\leq 0.51 \mu\text{m Ra} - \text{SF1}$
External roughness value: $\leq 0.76 \mu\text{m Ra} - \text{SF3}$
Process connection: Tri-clamp
Standard connection: ASME-BPE
Ground characteristic: Equal percentage
Plug: Parabolic cone
Control range: 50:1
Leakage class: IV according IEC 60534-4
Stem seal type: O-ring
Material bonnet: Stainless steel 316L [1.4404]
Material cone: Stainless steel 316L [1.4404]
Seat material: Stainless steel 316L [1.4404]
Spindle material: Stainless steel 316L [1.4404]
Primary spindle seal material: EPDM
Bonnet gasket material: EPDM
Type of actuator: Pneumatic
Function actuator: Spring closing
Positioner: PI991-SS
Control signal: 4 - 20 mA
Explosion-proof: No
Level of protection (IP value): IP66
With end contacts: No
Position indicator: Yes
Manual operation: No
Medium temperature: -10 / 170 °C
Ambient temperature: -10 / 80 °C

Application

- Pharmaceutical, biotech, semiconductor, cosmetics, fine chemicals, food and beverage industries.
- Clean gases and liquids such as:
- Clean steam.
- Air.
- Nitrogen.
- WFI (Water for Injection)
- Recommended in: Food & Beverages, Pharma

Technical Information

- Horizontal installation with vertical inlet.
- Easy maintenance and cleaning due to clamp connection between body and bonnet.
- Cavity free and self drainable design.
- Standard with complete stainless steel actuator and positioner PI991-SS.
- Assembly and packing in cleanroom.

Approval

- PED 2014/68/EU fluid group 2 - Classification PED-SEP.

Options

- Pneumatic actuator in coated standard steel.
- Standard positioner.
- A-septic version series V926A with separation diaphragm.
- Connection with weld end.

Size process connection	Pressure rating	Pressure rating flange	Kvs value m³/h	Stroke mm	Type coding actuator	Diaphragm area cm²	Spring range	Closing pressure bar	With feedback signal	Article
1/2"	PN16	PN16	2	15	PA10-SS	100	1.0 - 2.0 bar	13	No	14537309
1"	PN16	PN16	6.3	15	PA10-SS	100	1.0 - 2.0 bar	13	No	14537295
3/4"	PN16	PN16	4	15	PA10-SS	100	1.0 - 2.0 bar	13	No	14537308

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