

### **Product data sheet**

# **HV** angle valve Series 264, DN 63 (ID 2 1/2") Ordering No. 26436-QA31-0002

**Description** 

ISO-K 63 Flange

Actuator Pneumatic, single acting with closing spring

> with solenoid valve without position indicator

Feedthrough **Bellows** 

**Technical data** 

 $< 1 \cdot 10^{-9} \, \text{mbar Is}^{-1}$ Leak rate Valve body  $< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$ 

Valve seat

 $1 \cdot 10^{-8}$  mbar to 4 bar (abs) Pressure range

Differential pressure on the plate In opening direction ≤ 1.2 bar - In closing direction ≤ 4 bar

≤ 1 bar

Conductance (molecular flow) 160 Is<sup>-1</sup>

Closing time ≤ 0.7 sec.

Cycles until first service 3 million

(Tmax 80 °C, under clean

Differential pressure at opening

conditions)

Temperature Valve body ≤ 150 °C (Maximum values: depending Actuator ≤ 120 °C ≤ 80 °C on operating conditions and Solenoid valve

sealing materials)

Material Valve body Aluminum (EN AW-6060)

> Actuator Aluminum

- Plate AISI 316L (1.4404)

- Bellows AISI 316L (1.4404, 1.4435) AISI 316 Ti (1.4571)

FKM (Viton®) - Bonnet O-ring Seal

FKM (Viton®) Plate O-ring FKM (Viton®) Actuator O-ring

Weight 3.90 kg / 8.598 lbs

Mounting position any

0.112 I / 0.0040 ft<sup>3</sup> Volume of pneumatic actuator

4 - 8 bar / 58 - 116 psi Compressed air

min. - max. overpressure

G1/8" female Compressed air connection

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Behavior in case of compressed

air pressure drop

Valve closed
 valve remains closed and leaktight

Valve opened valve closes leaktightDuring actuation valve closes leaktight

Behavior in case of power failure - Valve closed valve remains closed and leaktight

Valve opened valve closes leaktightDuring actuation valve closes leaktight

### **Electrical connections**

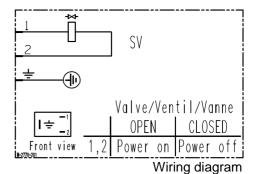
#### Solenoid valve

Type 3/2-way

Voltage See solenoid
Power See solenoid
Connector Rectangle plug.

Rectangle plug, Type B (DIN standard)

Cable Ø6 – 8 mm



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