

### **Product data sheet**

# HV angle valve Series 264, DN 10 (ID 3/8") Ordering No. 26420-KE31-0001

**Description** 

ISO-KF10 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 5 bar (abs) Pressure range

Differential pressure on the plate In opening direction ≤ 2 bar

- In closing direction ≤ 5 bar

Differential pressure at opening ≤ 1 bar

Conductance (molecular flow) 3 ls<sup>-1</sup>

Closing time ≤ 0.1 sec.

Cycles until first service 3 million

(Tmax 80 °C, under clean

conditions)

Material

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

on operating conditions and

sealing materials)

 Valve body AISI 304 (1.4301)

Actuator Aluminum

- Plate AISI 316L (1.4435 ESU)

- 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 0.40 kg / 0.882 lbs

Mounting position any

0.004 I / 0.0001 ft<sup>3</sup> Volume of pneumatic actuator

4 - 8 bar / 58 - 116 psi Compressed air

min. - max. overpressure

Compressed air connection M5 female (10-32 UNF suitable)

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Behavior in case of compressed

air pressure drop

- Valve closed valve remains closed and leaktight

- Valve opened valve closes leaktight - During actuation valve closes leaktight

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

Valve opened valve closes leaktight valve closes leaktight During actuation

### **Electrical connections**

#### Solenoid valve

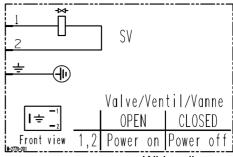
Type 3/2-way

See solenoid Voltage See solenoid Power Connector

Rectangle plug,

Type B (DIN standard)

Ø6 – 8 mm Cable



Wiring diagram

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