

Product data sheet

HV angle valve Series 264, DN 16 (ID 5/8") Ordering No. 26424-KA31-0002

Description

Flange ISO-KF 16

Actuator Pneumatic, single acting with closing spring

with solenoid valvewithout position indicator

Feedthrough Bellows

Technical data

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

- Valve seat < 1 ⋅ 10⁻⁹ mbar ls⁻¹

Pressure range $1 \cdot 10^{-8}$ mbar to 5 bar (abs)

Differential pressure on the plate — In opening direction ≤ 2 bar

In closing direction ≤ 5 bar

Differential pressure at opening ≤ 1 bar

Conductance (molecular flow) 5 ls⁻¹

Closing time ≤ 0.1 sec.

Cycles until first service 3 million

(Tmax 80 °C, under clean

conditions)

Temperature - Valve body \leq 150 °C (Maximum values: depending on operating conditions and - Solenoid valve \leq 80 °C

sealing materials)

Material – Valve body Aluminum (EN AW-6060)

Actuator Aluminum

Plate AISI 316L (1.4435 ESU)

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

Seal – Bonnet O-ring FKM (Viton®)

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

Weight 0.36 kg / 0.794 lbs

Mounting position any

Volume of pneumatic actuator 0.004 I / 0.0001 ft³

Compressed air 4-8 bar / 58-116 psi

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 leaktightDuring actuation valve closes leaktight

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

Valve openedDuring actuationvalve closes leaktight

Electrical connections

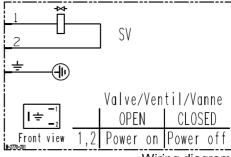
Solenoid valve

Type 3/2-way

Voltage See solenoid
Power See solenoid
Connector Rectangle plug,

Type B (DIN standard)

Cable Ø6 – 8 mm



Wiring diagram

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