

Product data sheet

HV angle valve Series 264, DN 16 (ID 5/8") Ordering No. 26424-KE31-0001

Description		
Flange		ISO-KF 16
Actuator		Pneumatic, single acting with closing spring – with solenoid valve – without position indicator
Feedthrough		Bellows
Technical data		
Leak rate	– Valve body – Valve seat	< 1 · 10 ⁻⁹ mbar ls ⁻¹ < 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 In closing direction 	≤ 2 bar ≤ 5 bar
Differential pressure at opening		≤ 1 bar
Conductance (molecular flow)		5 ls ⁻¹
Closing time		≤ 0.1 sec.
Cycles until first service (Tmax 80 °C, under clean conditions)		3 million
Temperature (Maximum values: depending on operating conditions and sealing materials)	 Valve body Actuator Solenoid valve 	≤ 150 °C ≤ 120 °C ≤ 80 °C
Material	 Valve body Actuator Plate Bellows 	AISI 304 (1.4301) Aluminum AISI 316L (1.4435 ESU) AISI 316L (1.4404, 1.4435) AISI 316 Ti (1.4571)
Seal	 Bonnet O-ring Plate O-ring Actuator O-ring 	FKM (Viton [®]) FKM (Viton [®]) FKM (Viton [®])
Weight		0.42 kg / 0.926 lbs
Mounting position		any
Volume of pneumatic actuator		0.004 l / 0.0001 ft ³
Compressed air min. – max. overpressure		4 – 8 bar / 58 – 116 psi
Compressed air connection		M5 female (10-32 UNF suitable)

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Behavior in case of compressed air pressure drop

- Valve closed
- Valve opened
 During actuation
- valve remains closed and leaktight valve closes leaktight valve closes leaktight

Behavior in case of power failure

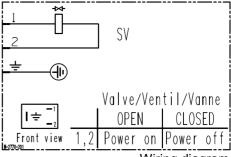
- Valve closedValve opened
- During actuation

valve remains closed and leaktight valve closes leaktight valve closes leaktight

Electrical connections

Solenoid valve

Туре	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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