

# Product data sheet HV inline valve

Series 265, DN 40 (ID 1 1/2") Ordering No. 26532-KA31-0001

Description		
Flange		ISO-KF 40
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 <sup>-9</sup> mbar ls <sup>-1</sup> < 1 · 10 <sup>-9</sup> mbar ls <sup>-1</sup>
Pressure range		$1 \cdot 10^{-8}$ mbar to 5 bar (abs)
Differential pressure on the plate	<ul> <li>In opening direction</li> <li>In closing direction</li> </ul>	≤ 2 bar ≤ 5 bar
Differential pressure at opening		≤ 1 bar
Conductance (molecular flow)		45 ls <sup>-1</sup>
Closing time		≤ 0.55 sec.
Cycles until first service (Tmax 80 °C, under clean conditions)		3 million
Temperature (Maximum values: depending on operating conditions and sealing materials)	<ul><li>Valve body</li><li>Actuator</li><li>Solenoid valve</li></ul>	≤ 150 °C ≤ 120 °C ≤ 80 °C
Material	– Valve body – Actuator – Plate – Bellows	Aluminum (EN AW-6060) Aluminum AISI 316L (1.4404) AISI 316L (1.4404, 1.4435) AISI 316 Ti (1.4571)
Seal	<ul> <li>Bonnet O-ring</li> <li>Plate O-ring</li> <li>Actuator O-ring</li> </ul>	FKM (Viton <sup>®</sup> ) FKM (Viton <sup>®</sup> ) FKM (Viton <sup>®</sup> )
Weight		1.42 kg / 3.13 lbs
Mounting position		any
Volume of pneumatic actuator		0.035 l / 0.0012 ft <sup>3</sup>
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

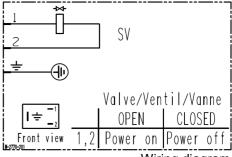
- Valve closed
  Valve opened
- During actuation

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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