

# Product data sheet

HV inline valve Series 265, DN 50 (ID 2") Ordering No. 26534-KE31-0001

Description		
Flange		ISO-KF 50
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)		80 ls <sup>-1</sup>
Closing time		≤ 0.65 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	<ul> <li>Valve body</li> <li>Actuator</li> <li>Plate</li> <li>Bellows</li> </ul>	AISI 304 (1.4301) Aluminum AISI 316L (1.4435 ESU) 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		2.10kg / 4.63 lbs
Mounting position		any
Volume of pneumatic actuator		0.047 l / 0.0017 ft <sup>3</sup>
Compressed air min. – max. overpressure		4 – 8 bar / 58 – 116 psi
Compressed air connection		M5 female (10-32 UNF suitable)

Created by: WARO	Release date: 20.06.2014	1/2
Modified by:	Release date:	755078EA



# Product data sheet

## HV inline valve Series 265, DN 50 (ID 2") Ordering No. 26534-KE31-0001

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

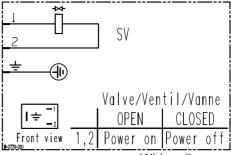
- Valve closed
  Valve opened
- During actuation

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

Created by: WARO	Release date: 20.06.2014	2/2
Modified by:	Release date:	755078EA