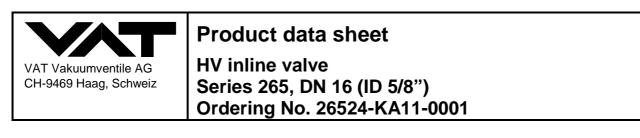


Product data sheet HV inline valve

Series 265, DN 16 (ID 5/8") Ordering No. 26524-KA11-0001

Description		
Flange		ISO-KF 16
Actuator		Pneumatic, single acting with closing spring – without solenoid valve – without position indicator
Feedthrough		Bellows
Technical data		
Leak rate	– Valve body – Valve seat	< $1 \cdot 10^{-9}$ mbar ls ⁻¹ < $1 \cdot 10^{-9}$ mbar ls ⁻¹
Pressure range		1 ⋅ 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 	≤ 150 °C ≤ 120 °C
Material	 Valve body Actuator Plate Bellows 	Aluminum (EN AW-6060) 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		0.38 kg / 0.838 lbs
Mounting position		any
Volume of pneumatic actuator		0.004 I / 0.0001 ft ³
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: 16.04.2014	1/2
Modified by:	Release date:	745917EA



Behavior in cas	se of compressed	 Valve closed
air pressure dro	р	 Valve opened

– During actuation

Behavior in case of power failure

- Valve closed
 Valve opened
- During actuation

valve remains closed and leaktight valve closes leaktight valve closes leaktight

depending on customer installation depending on customer installation depending on customer installation

Created by: WARO	Release date: 16.04.2014	2/2
Modified by:	Release date:	745917EA