



VAT Vakuumventile AG  
CH-9469 Haag, Schweiz

## Product data sheet

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

### Description

Flanges	ISO-KF16
Actuator	Pneumatic, single acting with closing spring - without position indicator - without solenoid
Feedthrough	Bellows

### Technical data

Leak rate	Body Valve seat	$< 1 \cdot 10^{-9}$ mbar ls <sup>-1</sup> $< 1 \cdot 10^{-9}$ mbar ls <sup>-1</sup>
Molecular flow conductance		5 ls <sup>-1</sup>
Pressure range		$1 \cdot 10^{-8}$ mbar to 5 bar (abs)
Differential pressure on the plate	- in opening direction - in closing direction	$\leq 2$ bar $\leq 5$ bar
Differential pressure at opening		$\leq 1$ bar in either direction
Closing time		$\leq 0.1$ sec.
Admissible temperature	- Body - Actuator	0 °C – 150 °C 0 °C – 120 °C
Cycles until first service		3 million (T <sub>max</sub> 80°C, differential pressure max. 1 bar)
Material	- Body - Actuator - Plate - Bellows - Bonnet O-ring - Plate O-ring - Actuator O-rings	Aluminum (EN AW-6060) Aluminum AISI 316L (1.4435 ESU) AISI 316L (1.4404, 1.4435), AISI 316 Ti (1.4571) FKM (Viton) FKM (Viton) FKM (Viton)
Weight		0.5 kg / 1.102 lbs
Mounting position		any
Volume of air cylinder		0.004 l / 0.0001 ft <sup>3</sup>
Compressed air pressure for pneumatic		4 – 8 bar / 60 – 115 psi
Compressed air connection		M5 female (10-32 UNF suitable)

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