



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet

HV inline valve, Series 265, DN 50 (ID 2")
Ordering No. 26534-KE12-0001

Description

Flange	ISO-KF 50
Actuator	Pneumatic, single acting with opening spring – without solenoid valve – without position indicator
Feedthrough	Bellows

Technical data

Leak rate	– Valve body – Valve seat	$< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$ $< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$
Pressure range		$1 \cdot 10^{-8} \text{ mbar}$ to 5 bar (abs)
Differential pressure on the plate	– in opening direction – in closing direction	$\leq 2 \text{ bar}$ $\leq 5 \text{ bar}$
Differential pressure at opening		$\leq 1 \text{ bar}$
Conductance (molecular flow)		80 ls^{-1}
Closing time		$\leq 0.4 \text{ sec.}$
Cycles until first service (Tmax 80°C, differential pressure max. 1 bar)		3 million (unheated and under clean conditions)
Temperature (Maximum values: depending on operating conditions and sealing materials)	– Valve body – Actuator	$\leq 150 \text{ °C}$ $\leq 120 \text{ °C}$
Material	– Valve body – Actuator – Plate – Bellows	Stainless Steel (AISI 304) 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		2.2 kg / 4.85 lbs
Mounting position		any
Volume of pneumatic actuator		0.047 l / 0.0017 ft ³
Compressed air min. – max. overpressure		4 – 8 bar / 60 – 115 psi
Compressed air connection		M5 female (10-32 UNF suitable)

Created by: R. Walser	Release date: 2013-09-12	1 of 1
Modified by:	Release date:	603134EA