



VAT Vakuumventile AG  
CH-9469 Haag, Schweiz

## Product data sheet

### HV inline valve

Series 265, DN 50 (ID 2")

Ordering No. 26534-KA01-0001

### Description

Flange	ISO-KF 50
Actuator	Manual actuator
Feedthrough	Bellows

### Technical data

Leak rate	- Valve body	$< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$
	- Valve seat	$< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$
Pressure range		$1 \cdot 10^{-8} \text{ mbar to } 5 \text{ bar (abs)}$
Differential pressure on the plate	- In opening direction	$\leq 2 \text{ bar}$
	- In closing direction	$\leq 5 \text{ bar}$
Differential pressure at opening		$\leq 1 \text{ bar}$
Conductance (molecular flow)		$80 \text{ ls}^{-1}$
Cycles until first service (Tmax 80 °C, under clean conditions)		10`000
Temperature (Maximum values: depending on operating conditions and sealing materials)	- Valve body	$\leq 150 \text{ °C}$
	- Hand wheel	$\leq 120 \text{ °C}$
Material	- Valve body	Aluminum (EN AW-6082)
	- Hand wheel	Plastic
	- Plate	AISI 316L (1.4404)
	- Bellows	AISI 316L (1.4404, 1.4435), AISI 316 Ti (1.4571)
Seal	- Bonnet O-ring	FKM (Viton®)
	- Plate O-ring	FKM (Viton®)
	- Actuator O-ring	FKM (Viton®)
Weight		2.26 kg 4.98 lbs
Mounting position		any

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