



VAT Vakuumventile AG  
CH-9469 Haag, Schweiz

## Product data sheet No. 278588EA

**HV Angle Valve, Series 264, DN 50 (ID 2 ")**

**Ordering No. 26434-KA12 or 26434-KE12**

### Description

Flanges	ISO-KF50
Actuator	- pneumatic, single acting with opening spring - with solenoid - without position indicator
Feedthrough	Bellows

### Technical data

Leak rate	- body & valve seat	$< 1 \cdot 10^{-9}$ mbar ls <sup>-1</sup>
Molecular flow conductance		80 ls <sup>-1</sup>
Pressure range		$1 \cdot 10^{-8}$ mbar to 5 bar, abs
Differential pressure on the plate:		
- in opening direction		≤ 2 bar
- in closing direction		≤ 5 bar
Differential pressure at opening		≤ 1 bar in either direction
Opening time		≤ 0,4 sec.
Admissible temperature:		
- valve body, actuator		0°C - 120°C
- solenoid		0°C - 80°C
Cycles until first service		3 million (T <sub>max</sub> 80°C, differential pressure max. 1 bar)
Material:		
- valve body	<b>26434-KA12</b>	<b>26434-KE12</b>
- pneumatic actuator	Aluminum (AlMgSi)	Stainless Steel (AISI 304)
- valve plate	Aluminum	Aluminum
- bellows	AISI 316L	AISI 316L
- bonnet & plate seal	AISI 316L (1.4404)	AISI 316L (1.4404)
- actuator o-rings	Viton	Viton
	Viton	Viton
Weight		1,47 kg / 3,240 lbs      1,63 kg / 3,593 lbs
Mounting position		any
Volume of air cylinder		0,047 l / 0,0017 ft <sup>3</sup>
Compressed air pressure for pneumatic		4 - 8 bar / 60 - 115 psi
Compressed air connection		M5 female (option others)

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