



VAT Vakuumventile AG  
CH-9469 Haag, Schweiz

## Product data sheet No. 260438EA

HV Angle Valve, Series 264, DN 40 (ID 1 1/2 ")

Ordering No. 26432-KA42 or 26432-KE42

### Description

Flanges	ISO-KF40
Actuator	- pneumatic, single acting with opening spring - with solenoid - with position indicator "open" and "closed"
Feedthrough	Bellows

### Technical data

Leak rate	- body & valve seat	$< 1 \cdot 10^{-9}$ mbar ls <sup>-1</sup>
Molecular flow conductance		45 ls <sup>-1</sup>
Pressure range		$1 \cdot 10^{-8}$ mbar to 5 bar, abs
Differential pressure on the plate:		
- in opening direction		$\leq 2$ bar
- in closing direction		$\leq 5$ bar
Differential pressure at opening		$\leq 1$ bar in either direction
Closing time		$\leq 0,55$ sec.
Admissible temperature:		
- valve body, actuator		0°C - 120°C
- solenoid		0°C - 80°C
- position indicator		0°C - 80°C (option 120°C)
Cycles until first service		3 million (T <sub>max</sub> 80°C, differential pressure max. 1 bar)
Material:		
- valve body	<b>26432-KA42</b> Aluminum (AlMgSi)	<b>26432-KE42</b> Stainless Steel (AISI 304)
- pneumatic actuator	Aluminum	Aluminum
- valve plate	AISI 316L	AISI 316L
- bellows	AISI 316L (1.4404)	AISI 316L (1.4404)
- bonnet & plate seal	Viton	Viton
- actuator o-rings	Viton	Viton
Weight	1,0 kg / 2,2 lbs	1,13 kg / 2,5 lbs
Mounting position	any	
Volume of air cylinder	0,035 l / 0,0012 ft <sup>3</sup>	
Compressed air pressure for pneumatic	4 - 8 bar / 60 - 115 psi	
Compressed air connection	M5 female (option others)	
Position indicator: contact rating		
- Voltage		$\leq 50$ V AC / DC
- Current		$\leq 0.1$ A
- Power		$\leq 1$ W
Solenoid		24V / DC (option others)

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