



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet No. 260460EA

HV Angle Valve, Series 264, DN 25 (ID 1'')

Ordering No. 26428-KA42 or 26428-KE42

Description

Flanges	ISO-KF25
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 ⁻¹
Molecular flow conductance		14 ls ⁻¹
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
Closing time		$\leq 0,2$ 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 _{max} 80°C, differential pressure max. 1 bar)
Material:		
- valve body	26428-KA42 Aluminum (AlMgSi)	26428-KE42 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	0,5 kg / 1,102 lbs	0,6 kg / 1,322 lbs
Mounting position	any	
Volume of air cylinder	0,011 l / 0,0004 ft ³	
Compressed air pressure for pneumatic	4 - 8 bar / 60 - 115 psi	
Compressed air connection	M5 female (option others)	
Position indicator: contact rating		
- Voltage		≤ 50 V AC / DC
- Current		≤ 0.1 A
- Power		≤ 1 W
Solenoid		24V / DC (option others)

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