



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet No. 268359EA

HV Angle Valve, Series 264, DN 16 (ID 5/8 ")

Ordering No. 26424-KA42 or 26424-KE42

Description

Flanges	ISO-KF16
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		5 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		$\leq 0,1$ 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 - pneumatic actuator - valve plate - bellows - bonnet & plate seal - actuator o-rings	<table> <tr> <td>26424-KA42</td> <td>26424-KE42</td> </tr> <tr> <td>AlMgSi</td> <td>Stainless Steel (AISI 304)</td> </tr> <tr> <td>Aluminum</td> <td>Aluminum</td> </tr> <tr> <td>AISI 316L</td> <td>AISI 316L</td> </tr> <tr> <td>AISI 316L (1.4404)</td> <td>AISI 316L (1.4404)</td> </tr> <tr> <td>Viton</td> <td>Viton</td> </tr> <tr> <td>Viton</td> <td>Viton</td> </tr> </table>	26424-KA42	26424-KE42	AlMgSi	Stainless Steel (AISI 304)	Aluminum	Aluminum	AISI 316L	AISI 316L	AISI 316L (1.4404)	AISI 316L (1.4404)	Viton	Viton	Viton	Viton
26424-KA42	26424-KE42															
AlMgSi	Stainless Steel (AISI 304)															
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Viton	Viton															
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Weight:		0,37 kg / 0,82 lbs 0,43 kg / 0,95 lbs														
Mounting position		any														
Volume of air cylinder		0,004 l / 0,0001 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 VA / W														
Solenoid		24V / DC (option others)														

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