



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 <sup>-1</sup>														
Molecular flow conductance		5 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		$\leq 0,1$ 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 <sub>max</sub> 80°C, differential pressure max. 1 bar)														
Material:	- valve body - pneumatic actuator - valve plate - bellows - bonnet & plate seal - actuator o-rings	<table> <tr> <td><b>26424-KA42</b></td> <td><b>26424-KE42</b></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>	<b>26424-KA42</b>	<b>26424-KE42</b>	AlMgSi	Stainless Steel (AISI 304)	Aluminum	Aluminum	AISI 316L	AISI 316L	AISI 316L (1.4404)	AISI 316L (1.4404)	Viton	Viton	Viton	Viton
<b>26424-KA42</b>	<b>26424-KE42</b>															
AlMgSi	Stainless Steel (AISI 304)															
Aluminum	Aluminum															
AISI 316L	AISI 316L															
AISI 316L (1.4404)	AISI 316L (1.4404)															
Viton	Viton															
Viton	Viton															
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 <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		$\leq 1$ VA / W														
Solenoid		24V / DC (option others)														

Created by: C. Baur	Release date: 2006.08.08	Page 1 of 2
Modified by::	Release date:	<b>268359EA</b>



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

