



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet No. 260437EA

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

Ordering No. 26432-KA22 or 26432-KE22

Description

Flanges	ISO-KF40
Actuator	- pneumatic, single acting with opening spring - without 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		45 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		$\leq 0,55$ sec.
Admissible temperature:		
- valve body, actuator		0°C - 120°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	26432-KA22 Aluminum (AlMgSi)	26432-KE22 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	0,99 kg / 2,182 lbs	1,15 kg / 2,535 lbs
Mounting position	any	
Volume of air cylinder	0,035 l / 0,0012 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		$\leq 50V$ AC / DC
- Current		$\leq 0.1A$
- Power		$\leq 1 W$

Created by: C. Baur	Release date: 2005.04.08	Page 1 of 2
Modified by::	Release date:	260437EA



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Electrical connection Elektrischer Anschluss Branchement électrique

Lo

Position indicator "open"

Lagemelder "offen"

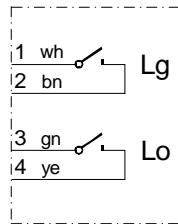
Indicateur de position "ouvert"

Lg

Position indicator "closed"

Lagemelder "geschlossen"

Indicateur de position "fermé"



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Page 2 of 2

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