



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 | | ≤ 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 | | ≤ 50V AC / DC |
| - Current | | ≤ 0.1A |
| - Power | | ≤ 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"

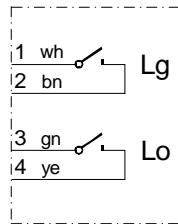
Indicateur de position "ouvert"

Lg

Position indicator "closed"

Lagemelder "geschlossen"

Indicateur de position "fermé"



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