



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet

HV inline valve, Series 265, DN 50 (ID 2")
Ordering No. 26534-KA12-0001

Description

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|-------------|--|
| Flange | ISO-KF 50 |
| Actuator | Pneumatic, single acting with opening spring – without solenoid valve – without position indicator |
| Feedthrough | Bellows |

Technical data

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|--|--|---|
| Leak rate | – Valve body – Valve seat | $< 1 \cdot 10^{-9}$ mbar ls ⁻¹ $< 1 \cdot 10^{-9}$ mbar ls ⁻¹ |
| Pressure range | | $1 \cdot 10^{-8}$ mbar to 5 bar (abs) |
| Differential pressure on the plate | – In opening direction – In closing direction | ≤ 2 bar ≤ 5 bar |
| Differential pressure at opening | | ≤ 1 bar |
| Conductance (molecular flow) | | 80 ls ⁻¹ |
| Closing time | | ≤ 0.25 sec. |
| Cycles until first service (Tmax 80°C, differential pressure max. 1 bar) | | 3 million |
| Admissible Temperature | – Valve body – Actuator | ≤ 150 °C ≤ 120 °C |
| Material | – Valve body – Actuator – Plate – Bellows | Aluminium (EN AW-6060 T5) Aluminum AISI 316L (1.4404) AISI 316L (1.4404, 1.4435), AISI 316 Ti (1.4571) |
| Seal | – Bonnet O-ring – Plate O-ring – Actuator O-ring | FKM (Viton®) FKM (Viton®) FKM (Viton®) |
| Weight | | 2.9 kg / 6.39 lbs |
| Mounting position | | Any |
| Volume of pneumatic actuator | | 0.047 l / 0.0017 ft ³ |
| Compressed air min. – max. overpressure | | 4 – 8 bar / 58 – 116 psi |
| Compressed air connection | | M5 female (10-32 UNF suitable) |

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| Created by: A. Rietzler | Release date: 2013-09-05 | 1 of 1 |
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