



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet

HV inline valve

Series 265, DN 25 (ID 1")

Ordering No. 26528-KA01-0001

Description

| | |
|-------------|-----------------|
| Flange | ISO-KF 25 |
| Actuator | Manual actuator |
| Feedthrough | Bellows |

Technical data

| | | |
|--|------------------------|--|
| Leak rate | – Valve body | $< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$ |
| | – Valve seat | $< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$ |
| Pressure range | | $1 \cdot 10^{-8} \text{ mbar to } 5 \text{ bar (abs)}$ |
| Differential pressure on the plate | – In opening direction | $\leq 2 \text{ bar}$ |
| | – In closing direction | $\leq 5 \text{ bar}$ |
| Differential pressure at opening | | $\leq 1 \text{ bar}$ |
| Conductance (molecular flow) | | 14 ls^{-1} |
| Cycles until first service (Tmax 80 °C, under clean conditions) | | 10`000 |
| Temperature (Maximum values: depending on operating conditions and sealing materials) | – Valve body | $\leq 150 \text{ °C}$ |
| | – Hand wheel | $\leq 120 \text{ °C}$ |
| Material | – Valve body | Aluminum (EN AW-6060) |
| | – Hand wheel | Plastic |
| | – Plate | AISI 316L (1.4404) |
| | – Bellows | AISI 316L (1.4404, 1.4435), AISI 316 Ti (1.4571) |
| Seal | – Bonnet O-ring | FKM (Viton®) |
| | – Plate O-ring | FKM (Viton®) |
| | – Actuator O-ring | FKM (Viton®) |
| Weight | | 0.52 kg / 1.14 lbs |
| Mounting position | | any |

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