

Product data sheet

HV angle valve Series 264, DN 63 (ID 2 1/2") Ordering No. 26436-QE31-0003

| Description | | |
|--|--|---|
| Flange | | ISO-K 63 |
| Actuator | | Pneumatic, single acting with closing spring – with solenoid valve – without position indicator |
| Feedthrough | | Bellows |
| Technical data | | |
| Leak rate | – Valve body – Valve seat | < 1 · 10 ⁻⁹ mbar Is ⁻¹ < 1 · 10 ⁻⁹ mbar Is ⁻¹ |
| Pressure range | | $1 \cdot 10^{-8}$ mbar to 4 bar (abs) |
| Differential pressure on the plate | In opening direction In closing direction | ≤ 1.2 bar ≤ 4 bar |
| Differential pressure at opening | | ≤ 1 bar |
| Conductance (molecular flow) | | 160 ls ⁻¹ |
| Closing time | | ≤ 0.7 sec. |
| Cycles until first service (Tmax 80 °C, under clean conditions) | | 3 million |
| Temperature (Maximum values: depending on operating conditions and sealing materials) | – Valve body – Actuator – Solenoid valve | ≤ 150 °C ≤ 120 °C ≤ 80 °C |
| Material | Valve body Actuator Plate Bellows | AISI 316L (1.4404) 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 | | 3.60 kg / 7.936 lbs |
| Mounting position | | any |
| Volume of pneumatic actuator | | 0.112 I / 0.0040 ft ³ |
| Compressed air min. – max. overpressure | | 4 – 8 bar / 58 – 116 psi |
| Compressed air connection | | G1/8" female |

| Created by: WARO | Release date: 11.06.2014 | 1/2 |
|------------------|--------------------------|----------|
| Modified by: | Release date: | 753594EA |



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HV angle valve Series 264, DN 63 (ID 2 1/2") Ordering No. 2643<u>6-QE31-0003</u>

Behavior in case of compressed air pressure drop

- Valve closed
- Valve opened
 During actuation
- valve closes leaktight valve closes leaktight

Behavior in case of power failure

- Valve closedValve opened
- During actuation

valve remains closed and leaktight valve closes leaktight

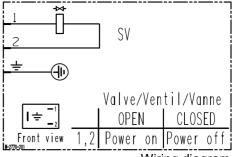
valve remains closed and leaktight

valve closes leaktight

Electrical connections

Solenoid valve

| Туре | 3/2-way |
|-----------|--|
| Voltage | See solenoid |
| Power | See solenoid |
| Connector | Rectangle plug, Type B (DIN standard) |
| Cable | Ø6 – 8 mm |



Wiring diagram

| Created by: WARO | Release date: 11.06.2014 | 2/2 |
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