



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet No. 276826EA
HV Inline Valve, Series 265, DN 80 (ID 3 ")
Ordering No. 26538-QA31

Description

| | |
|-------------|---------------------------------------------------------------------------------------------------|
| Flanges | ISO-K80 |
| Actuator | - pneumatic, single acting with closing spring - with solenoid - without position indicator |
| Feedthrough | Bellows |

Technical data

| | | |
|---------------------------------------|---------------------|---------------------------------------------------------------------|
| Leak rate | - body & valve seat | $< 1 \cdot 10^{-9}$ mbar ls ⁻¹ |
| Molecular flow conductance | | 200 ls ⁻¹ |
| Pressure range | | $1 \cdot 10^{-8}$ mbar to 4 bar, abs |
| Differential pressure on the plate: | | |
| - in opening direction | | ≤ 1,2 bar |
| - in closing direction | | ≤ 4 bar |
| Differential pressure at opening | | ≤ 1 bar in either direction |
| Closing time | | ≤ 0,7 sec. |
| Admissible temperature: | | |
| - valve body, actuator | | 0°C - 120°C |
| - solenoid | | 0°C - 80°C |
| Cycles until first service | | 3 million (T _{max} 80°C, differential pressure max. 1 bar) |
| Material: | | 26538-QA31 |
| - valve body | | Aluminum (G-AISI) |
| - pneumatic actuator | | Aluminum |
| - valve plate | | AISI 316L |
| - bellows | | AISI 316L (1.4404) |
| - bonnet & plate seal | | Viton |
| - actuator o-rings | | Viton |
| Weight | | 3,7 kg / 8,159 lbs |
| Mounting position | | any |
| Volume of air cylinder | | 0,112 l / 0,0040 ft ³ |
| Compressed air pressure for pneumatic | | 4 - 8 bar / 60 - 115 psi |
| Compressed air connection | | R1/8" female (option others) |
| Solenoid | | 24V / DC (option others) |

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| Created by: S. Vetter | Release date: 2008-09-01 | Page 1 of 2 |
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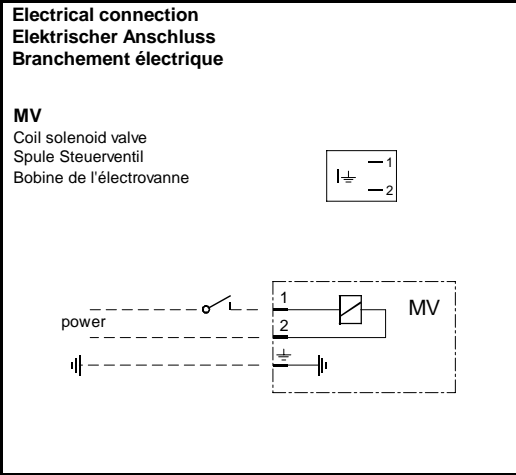


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