



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet

HV angle valve, Series 264, DN 25 (ID 1 ")

Ordering No. 26428-KA21-0001

Description

Flanges	ISO-KF25
Actuator	Pneumatic, single acting with closing spring - with position indicator "open" and "closed" - without solenoid
Feedthrough	Bellows

Technical data

Leak rate	Body	$< 1 \cdot 10^{-9}$ mbar ls ⁻¹
	Valve seat	$< 1 \cdot 10^{-9}$ mbar ls ⁻¹
Molecular flow conductance		14 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		≤ 0.2 sec.
Admissible temperature	- Body	0 °C – 150 °C
	- Actuator	0 °C – 120 °C
	- Position indicator	0 °C – 80 °C
Cycles until first service		3 million (T _{max} 80°C, differential pressure max. 1 bar)
Material	- Body	Aluminum (EN AW-6060)
	- Actuator	Aluminum
	- Plate	AISI 316L (1.4435 ESU)
	- Bellows	AISI 316L (1.4404, 1.4435), AISI 316 Ti (1.4571)
	- Bonnet O-ring	FKM (Viton)
	- Plate O-ring	FKM (Viton)
	- Actuator O-rings	FKM (Viton)
Weight		0.41 kg / 0.9 lbs
Mounting position		any
Volume of air cylinder		0.011 l / 0.0004 ft ³
Compressed air pressure for pneumatic		4 – 8 bar / 60 – 115 psi
Compressed air connection		M5 female (10-32 UNF suitable)

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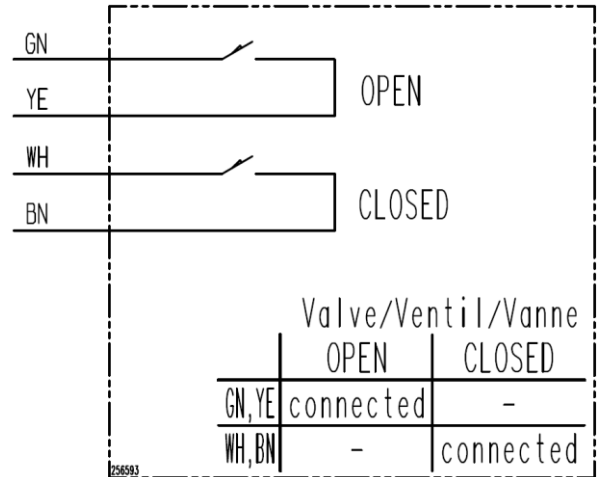
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Electrical connection

Position indicator

Type	Micro switch
Voltage	≤ 50 V AC / DC
Current	5...100 mA
Short circuit protected	No
Connection	cable, 4 wire
Cable length	500 mm
Wire cross section	0,25 mm ²



Wiring diagram

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