



VAT Vakuumventile AG  
CH-9469 Haag, Schweiz

## Product data sheet

**HV angle valve, Series 264, DN 50 (ID 2 ")**  
**Ordering No. 26434-KA22-0001**

### Description

Flanges	ISO-KF50
Actuator	Pneumatic, single acting with opening spring - with position indicator "open" and "closed" - without solenoid
Feedthrough	Bellows

### Technical data

Leak rate	Body	$< 1 \cdot 10^{-9}$ mbar ls <sup>-1</sup>
	Valve seat	$< 1 \cdot 10^{-9}$ mbar ls <sup>-1</sup>
Molecular flow conductance		80 ls <sup>-1</sup>
Pressure range		$1 \cdot 10^{-8}$ mbar to 5 bar (abs)
Differential pressure on the plate	- in opening direction	$\leq 2$ bar
	- in closing direction	$\leq 5$ bar
Differential pressure at opening		$\leq 1$ bar in either direction
Opening time		$\leq 0.4$ 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 <sub>max</sub> 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		1.54 kg / 3.395 lbs
Mounting position		any
Volume of air cylinder		0.047 l / 0.0017 ft <sup>3</sup>
Compressed air pressure for pneumatic		4 – 8 bar / 60 – 115 psi
Compressed air connection		M5 female (10-32 UNF suitable)

Created by: R. Walser	Release date: 2012-12-12	Page 1 of 2
Modified by:	Release date:	<b>299300EA</b>



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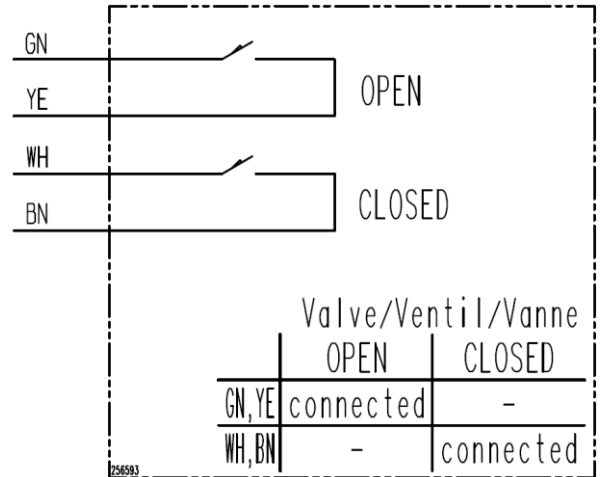
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### Electrical connection

#### 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 <sup>2</sup>



Wiring diagram

Created by: R. Walser	Release date: 2012-12-12	Page 2 of 2
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