



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet No. 268304EA

HV Angle Valve, Series 264, DN 16 (ID 5/8 ")

Ordering No. 26424-KA12 or 26424-KE12

Description

Flanges	ISO-KF16
Actuator	- pneumatic, single acting with opening spring - without solenoid - without position indicator
Feedthrough	Bellows

Technical data

Leak rate	- body & valve seat	$< 1 \cdot 10^{-9}$ mbar ls ⁻¹
Molecular flow conductance		5 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
Admissible temperature	- valve body, actuator	0°C - 120°C
Cycles until first service		3 million (T _{max} 80°C, differential pressure max. 1 bar)
Material:		
	- valve body	26424-KA12 Aluminum (AlMgSi)
	- pneumatic actuator	Aluminum
	- valve plate	AISI 316L
	- bellows	AISI 316L (1.4404)
	- bonnet & plate seal	Viton
	- actuator o-rings	Viton
		26424-KE12 Stainless Steel (AISI 304)
		Aluminum
		AISI 316L
		AISI 316L (1.4404)
		Viton
		Viton
Weight:		0,28 kg / 0,617 lbs 0,34 kg / 0,750 lbs
Mounting position		any
Volume of air cylinder		0,004 l / 0,0001 ft ³
Compressed air pressure for pneumatic		4 - 8 bar / 60 - 115 psi
Compressed air connection		M5 female

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