



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet No. 258489EB

HV Angle Valve, Series 264, DN 40 (ID 1 1/2 ")

Ordering No. 26428-KA12 or 26428-KE12

Description

Flanges	ISO-KF25
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		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		≤ 0,3 sec.
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	26428-KA12 Aluminum (AlMgSi)
	- pneumatic actuator	Aluminum
	- valve plate	AISI 316L
	- bellows	AISI 316L (1.4404)
	- bonnet & plate seal	Viton
	- actuator o-rings	Viton
		26428-KE12 Stainless Steel (AISI 304)
		Aluminum
		AISI 316L
		AISI 316L (1.4404)
		Viton
		Viton
Weight		0,53 kg / 1.168 lbs 0,65 kg / 1.433 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 (option others)

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