



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet

HV angle valve

Series 264, DN 80 (ID 3")

Ordering No. 26438-QA01-0003

Description

Flange	ISO-K 80
Actuator	Manual actuator
Feedthrough	Bellows

Technical data

Leak rate	– Valve body	$< 1 \cdot 10^{-9}$ mbar ls ⁻¹
	– Valve seat	$< 1 \cdot 10^{-9}$ mbar 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
Conductance (molecular flow)		200 ls ⁻¹
Cycles until first service (Tmax 80°C, under clean conditions)		10`000
Temperature (Maximum values: depending on operating conditions and sealing materials)	– Valve body	≤ 150 °C
	– Hand wheel	≤ 120 °C
Material	– Valve body	Aluminum (EN AW-5083)
	– Hand wheel	Plastic
	– Plate	AISI 316L (1.4435 ESU)
	– Bellows	AISI 316L (1.4404, 1.4435), AISI 316 Ti (1.4571)
Seal	– Bonnet O-ring	FKM (Viton®)
	– Plate O-ring	FKM (Viton®)
Weight		2.60 kg / 5.73 lbs
Mounting position		any

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