



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet

Mini Vakuum gate valve, Series 012, DN 16 (ID 5/8")
Ordering No. 01224-KA06

Description

Flange	ISO-KF 16
Actuator	manual
Feedthrough	Shaft feed through

Technical data

Leak rate	- Valve body	$< 1 \cdot 10^{-9}$ mbar ls ⁻¹
	- Valve seat	$< 1 \cdot 10^{-9}$ mbar ls ⁻¹
Pressure range		$1 \cdot 10^{-7}$ mbar to 1 bar (abs)
Differential pressure on the gate		≤ 1 bar
Differential pressure at opening		≤ 30 mbar
Conductance (molecular flow)		10 ls ⁻¹
Cycles until first service		50 000
Temperature (Maximum values: depending on operating conditions and sealing materials)	- Valve Body	≤ 100 °C
	- Actuator	≤ 80 °C
Heating and cooling rate		30 °C h ⁻¹
Material	- Valve Body	EN AW-6082 (3.2315)
	- Gate	AISI 304 (1.4301),)
Seal	- Bonnet	Viton [®]
	- Gate	FKM (Viton [®]), vulcanized
Mounting position		any
Weight		0.1 kg / 0.2 lbs

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