



VAT Vakuumventile AG
CH-9469 Haag, Schweiz

Product data sheet

Valve mechanism (lock)

Series 230, DN 25 (1")

Ordering No. 23028-KA01-0001 and 23028-KEPS-0002

Description

Flange	ISO-KF 25
Actuator	Manual actuator
Feedthrough	Shaft feedthrough

Technical data

Leak rate	- Valve mechanism	$< 1 \cdot 10^{-8}$ mbar ls ⁻¹
	- Pump-out port	$< 1 \cdot 10^{-9}$ mbar ls ⁻¹
Pressure range		$1 \cdot 10^{-8}$ mbar to 2.5 bar (abs)
Differential pressure at opening		≤ 1 bar
Temperature (Maximum values: depending on operating conditions and sealing materials)	- Valve mechanism	≤ 150 °C
	- Hand wheel	≤ 50 °C
	- Pump-out port	≤ 150 °C
Material	- Valve mechanism	EN AW-6060 (3.3206)
	- Shaft	AISI 304 (1.4301)
	- Pump-out port body	AISI 304 (1.4301)
	- Pump-out port plate	AISI 304 (1.4301)
Seal valve mechanism	- Bonnet	FKM (Viton®)
	- Feedthrough	FKM (Viton®)
Seal pump-out port	- Plate	FKM (Viton®)
Unobstructed flow diameter	- Pump-out port	8mm / 0.31 inch
Mounting position		any
Weight	- Valve mechanism	1.0kg / 1.20lbs
	- Pump-out port	0.1kg / 0.22lbs

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