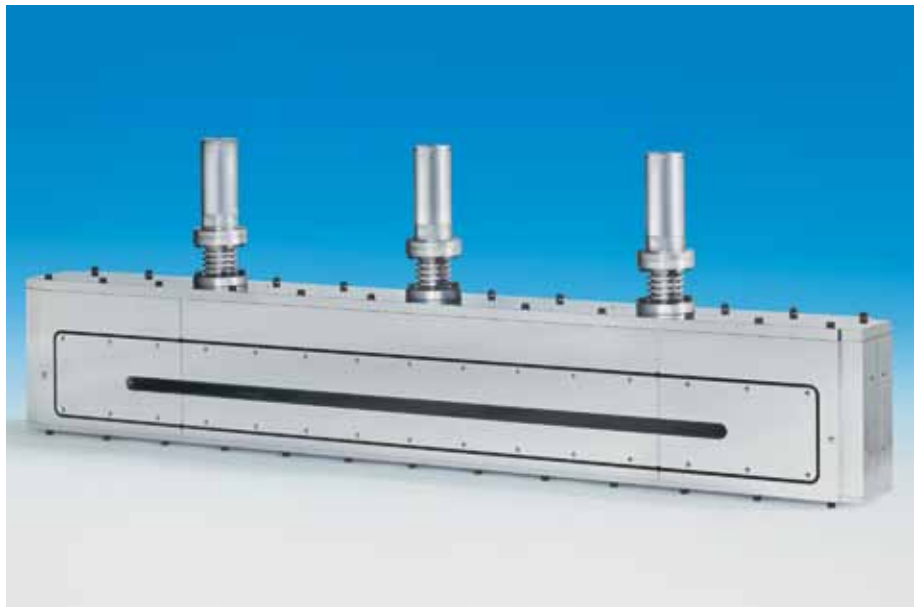


Series 06.6

Main applications

PV and large coating systems



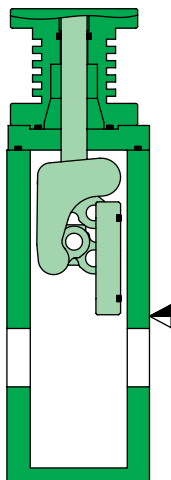
Ordering information

Valve with pneumatic actuator
double acting
with position indicator

Opening sizes	50 × 500 mm (1.97" × 19.69") to 300 × 3000 mm (11.81" × 118.11")
Ordering numbers	on request (example: 0660X-VA24- . . .)

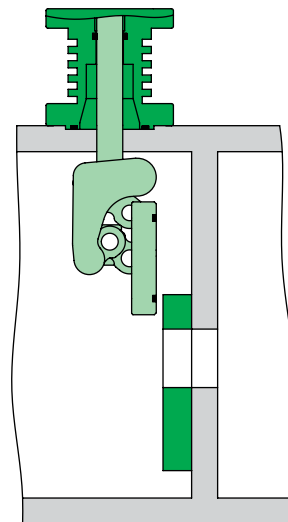
Types

Valve type V

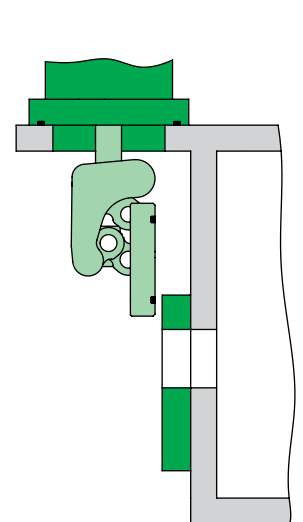


▽ Valve seat side

Insert type I



Door type T

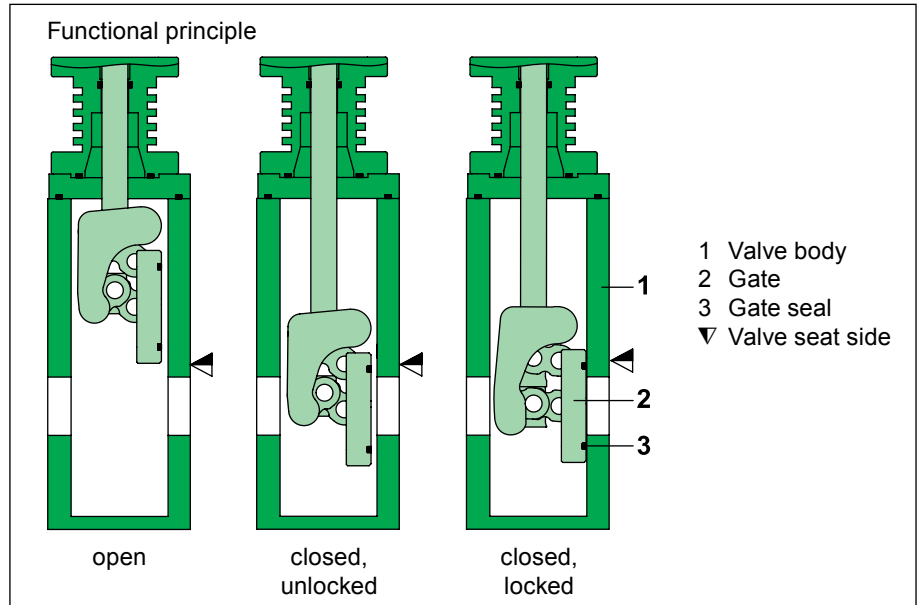


Features

Body material:
aluminum or stainless steel

Mechanism designed for harsh process conditions

Modular design:
allows to realize a wide range of opening sizes



Technical data

Further data on request

Leak rate ¹⁾	
– Valve body	$< 1 \cdot 10^{-7}$ mbar Is ⁻¹
– Valve seat	$< 1 \cdot 10^{-5}$ mbar Is ⁻¹
Differential pressure on the gate	≤ 1 bar
Differential pressure at opening	≤ 5 mbar
Cycles until first service ^{1) 2)}	1 million
Closing or opening time ¹⁾	≤ 2.0 s (with 100 mm opening height)
Temperature ¹⁾	
– Valve body, flanges	
- aluminum	≤ 120 °C
- stainless steel	≤ 200 °C
– Actuator, position indicator	≤ 80 °C
Material	
– Valve body, gate, flanges	
- aluminum	EN AW-6082 (3.2315), EN AW-5083 (3.3547)
- stainless steel	AISI 304 (1.4301), AISI 316L (1.4404)
– Actuator shafts	AISI 304 (1.4301) hard-chrome plated
Seal	
– Gate, flanges, feedthrough	FKM (Viton®)
Feedthrough	shaft feedthrough
Mounting position ²⁾	actuator up, down or lateral
Position indicator: voltage	10–30VDC PNP (NPN optional)

¹⁾ Maximum values: depending on operating conditions and sealing materials

²⁾ In the mounting position «actuator lateral» the cycles until first service will be reduced to 0.5 million

Options

- Solenoid for impulse actuation 24 VDC (others on request)
- Bellows
- Water cooling in valve body and gate
- Pneumatic locking for open gate position