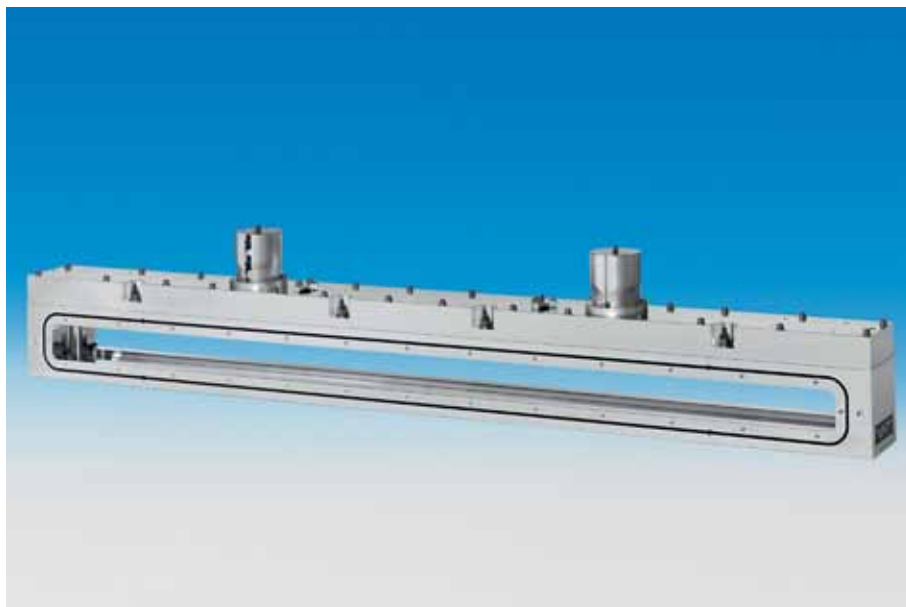


Series 06.8

Main applications

PV and large coating systems

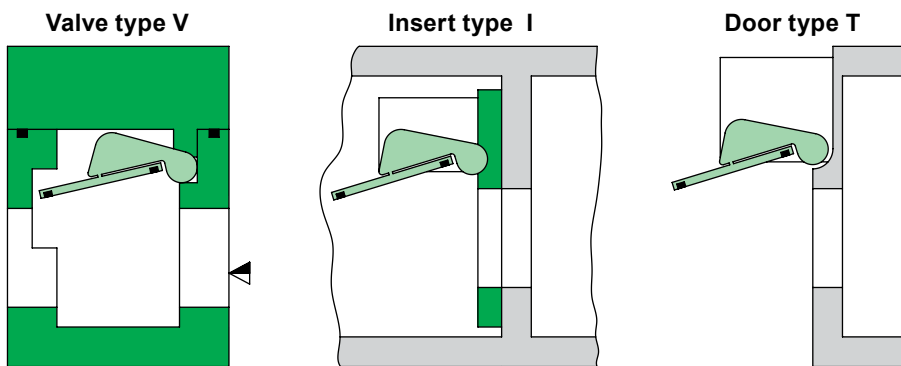


Ordering information

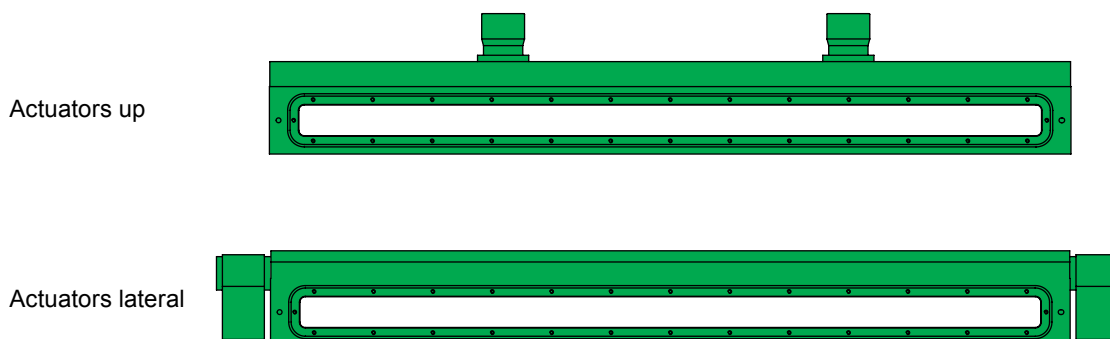
Valve with pneumatic actuator
double acting
with position indicator

Opening sizes	50 × 500 mm (1.97" × 19.69") to 100 × 3000 mm (3.94" × 118.11")
Ordering numbers	on request (example: 0680X-VA24-)

Types



▼ Valve seat side



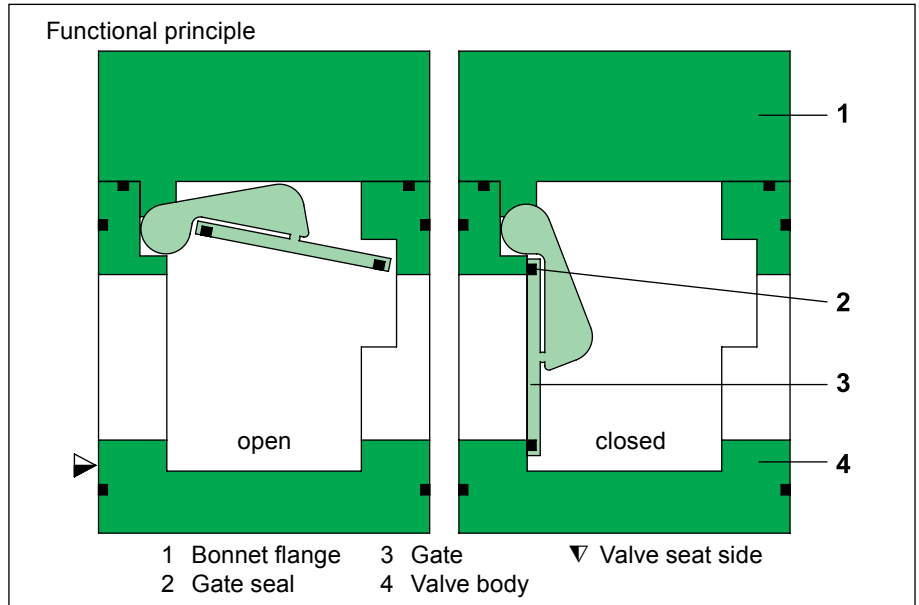
Features

Body material:
aluminum or stainless steel

Mechanism designed for harsh process conditions

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

Mechanically locked in closed position



Technical data

Further data on request

Leak rate ¹⁾	
– Valve body	$< 1 \cdot 10^{-7}$ mbar ls ⁻¹
– Valve seat	$< 1 \cdot 10^{-5}$ mbar ls ⁻¹
Differential pressure on the gate	
– In closing direction	≤ 1 bar
– In opening direction	≤ 10 mbar (optional 1 bar)
Differential pressure at opening	≤ 5 mbar
Cycles until first service ^{1) 2)}	1 million
Closing or opening time ¹⁾	≤ 1.2 s (with size 80 × 1500 mm)
Temperature ¹⁾	
– Valve body, gate	
– aluminum	≤ 120 °C
– stainless steel	≤ 200 °C
– Actuator	≤ 80 °C
Material	
– Valve body, gate, flanges	
– aluminum	EN AW-5083 (3.3547)
– stainless steel	AISI 304 (1.4301)
– Actuator shafts	SAE 1045 (1.1191), nitro carburized and oxidized
Seal: gate, flanges	FKM (Viton®)
Feedthrough	rotary 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 24VDC (others on request)
- Other sealing materials
- Water cooling in valve body and gate
- Pneumatic locking for open gate position
- Resistant against 1 bar differential pressure in opening direction