# Series 06.8

## **Main applications**

PV and large coating systems

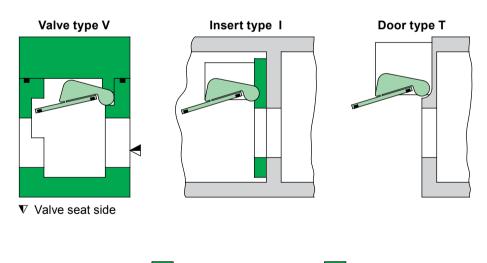


# **Ordering information**

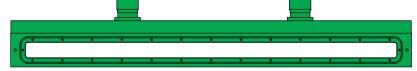
Valve with pneumatic actuator double acting with position indicator

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**







Actuators lateral



### VAT Se

#### **Features**

Body material:

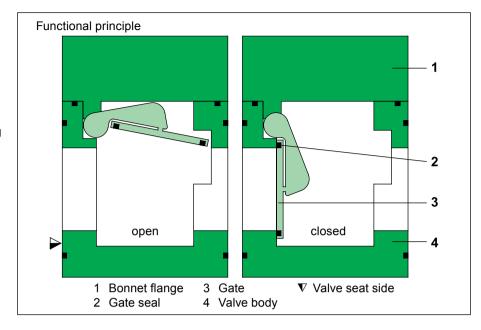
aluminum or stainless steel

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
 Valve seat
 ✓ 1⋅10<sup>-7</sup> mbar Is<sup>-1</sup>
 ✓ 1⋅10<sup>-5</sup> mbar Is<sup>-1</sup>

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  $^{1)}$   $\leq 1.2 \text{ s (with size } 80 \times 1500 \text{ mm)}$ 

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 10–30 V DC PNP (NPN optional)

## **Options**

- Solenoid for impulse actuation 24 VDC (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

Maximum values: depending on operating conditions and sealing materials

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