

Series 06.0

Main applications

FPD production systems
up to generation 11

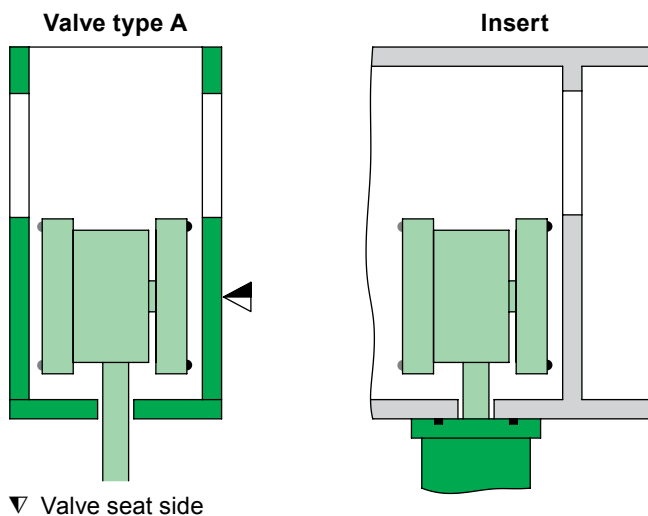


Ordering information

Valve with pneumatic actuator
double acting
with position indicator

| | |
|------------------|--|
| Opening sizes | 100 × 1300 mm (3.94" × 51.18") to 300 × 3000 mm (11.81" × 118.11") |
| Ordering numbers | on request (example: 0600X-AA49-) |

Types



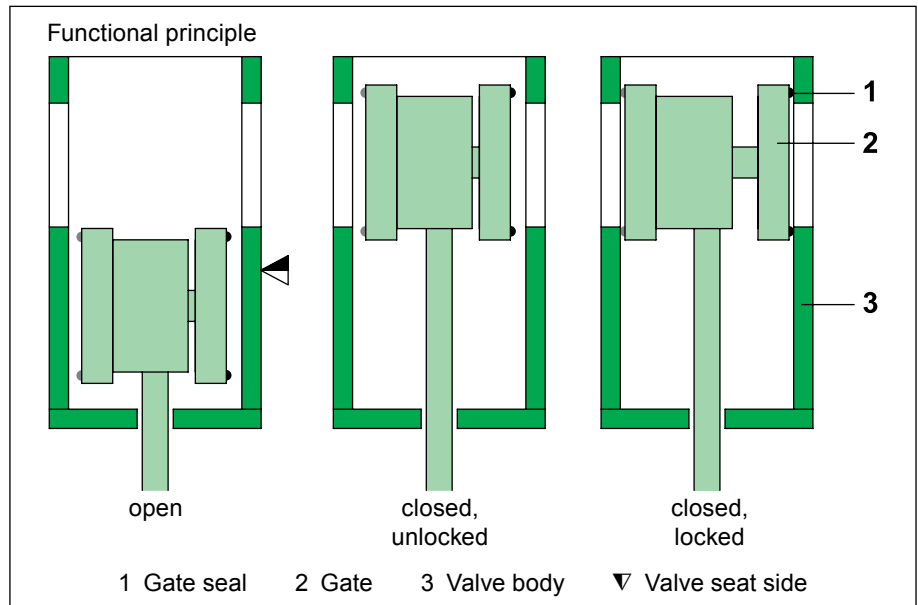
Features

Body material: aluminum

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

Same mounting dimension for all opening sizes

Logic or RS232 interface



Technical data

Further data on request

| | |
|--|---|
| Leak rate ¹⁾ : valve body, valve seat | $< 1 \cdot 10^{-7}$ mbar ls ⁻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⁾ | ≤ 4 s (with 120 mm opening height) |
| Temperature ¹⁾ | |
| – Valve body, flanges | ≤ 120 °C |
| – Actuator | ≤ 80 °C |
| – Control unit | ≤ 50 °C |
| Material | |
| – Valve body, gate, flanges | EN AW-6082 (3.2315), EN AW-5083 (3.3547) |
| – Actuator shafts | AISI 316 (1.4401) |
| Seal | |
| – Gate, flanges, feedthrough | FKM (Viton®) |
| Feedthrough | shaft feedthrough |
| Mounting position ²⁾ | actuator up, down or lateral |
| Position indicator: voltage | 24 VDC 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

- Other sealing materials
- Bellows
- Grounding of gate
- Resistant against 1 bar differential pressure in opening direction
- Surface treatment, e. g. aluminum, hard anodized