

Series 06.0

Main applications

FPD production systems
up to generation 11

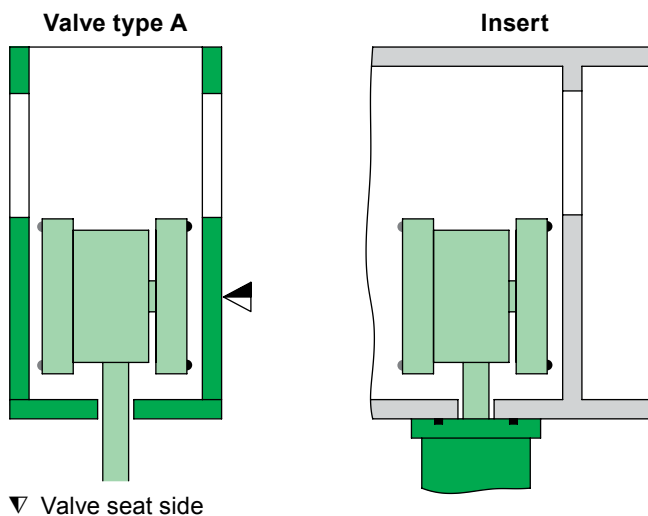


Ordering information

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



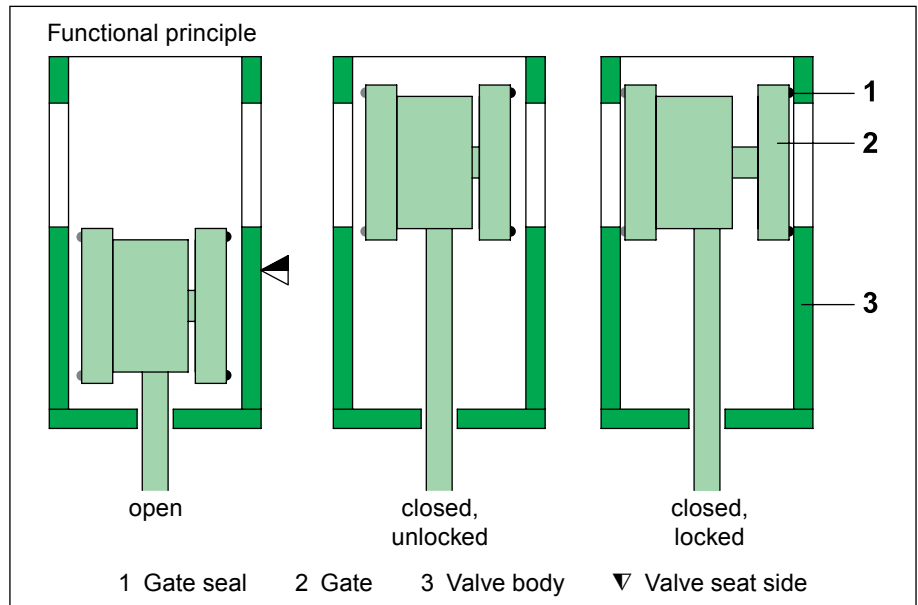
Features

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