

## Series 02.7

### Main applications

Web/foil coating systems

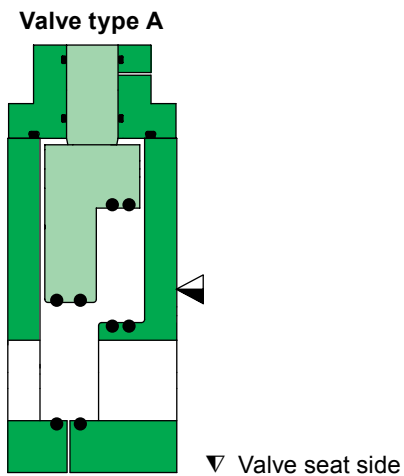


### Ordering information

Valve with pneumatic actuator  
double acting  
with position indicator

Opening sizes	50 × 300 mm (1.97" × 11.81") to 50 × 1250 mm (1.97" × 49.21")
Ordering numbers	on request (example: 0270X-AA24- . . .)

### Type



Opening:  
Rear side = seat side

With bonnet flange

Gate service through  
bonnet flange

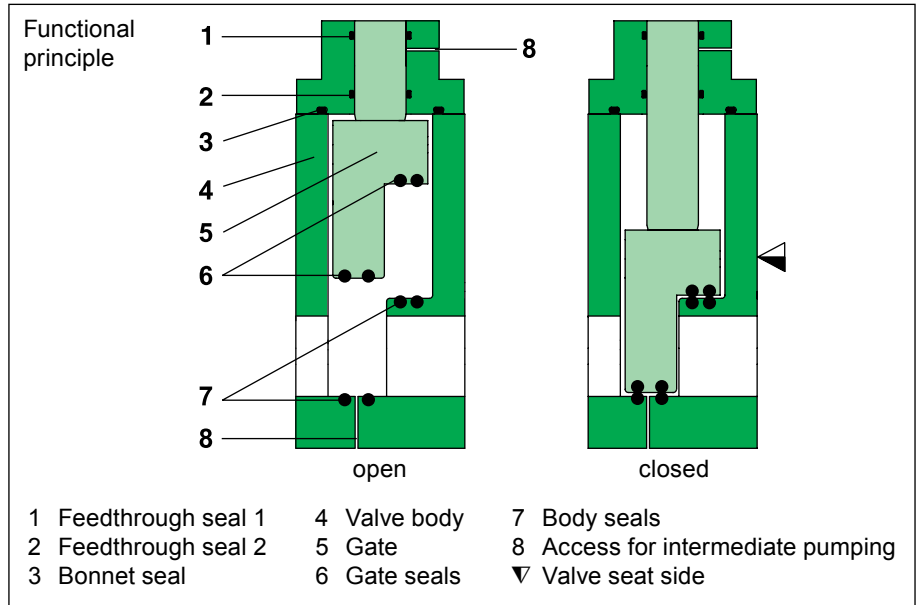
## Features

Body material:  
aluminum or stainless steel

MONOVAT sealing technology:  
see glossary

No damage of the foil due to the  
sophisticated sealing technology

Excellent sealing performance and high  
safety due to double sealing and inter-  
mediate pumping



## Technical data

Further data on request

Leak rate <sup>1)2)</sup> : valve body, valve seat	$< 1 \cdot 10^{-5}$ mbar ls <sup>-1</sup>
Differential pressure on the gate	$\leq 1$ bar
Differential pressure at opening	$\leq 5$ mbar
Cycles until first service <sup>2)</sup>	10000
Closing or opening time <sup>2)</sup>	$\leq 1.5$ s (at 50 mm opening height)
Temperature <sup>2)</sup>	
– Valve body, gate	
- aluminum	$\leq 120$ °C
- stainless steel	$\leq 150$ °C
– Actuator, position indicator	$\leq 80$ °C
Temperature difference body/gate	$\leq 25$ °C
Material	
– Valve body, gate	
- aluminum	EN AW-5083 (3.3547)
- stainless steel	AISI 304 (1.4301)
– Actuator shafts	AISI 304 (1.4301)
Seal	
– Gate, flanges, feedthrough	FKM (Viton®)
Feedthrough	shaft feedthrough with intermediate pumping
Mounting position	actuator up or down
Position indicator: voltage	10–30VDC PNP (NPN optional)
Tensile force of the foil on the gate	max. 0.5 N per mm (e. g. width of foil 300 mm, max. tensile force 150 N)

<sup>1)</sup> 4-fold sealing, stainless steel foil, thickness of foil 0.1 mm

<sup>2)</sup> Maximum values: depending on operating conditions and sealing materials

## Options

- Solenoid for impulse actuation 24 VDC (others on request)
- Surface treatment, e. g. aluminum, hard anodized or nickel-plated
- Bellows