

Tank valve pneumatic AKS series actuators



Tank valve pneumatic actuators

Features and benefits

- Hygienic design with laser-etched serial numbers on the actuator body supports full product traceability and cGMP
- Lightweight stainless steel and plastic construction with 304 SS sleeve and nylon handle
- Pneumatic control options to suit your process needs
- Visual indication of open/closed status



Technical specifications

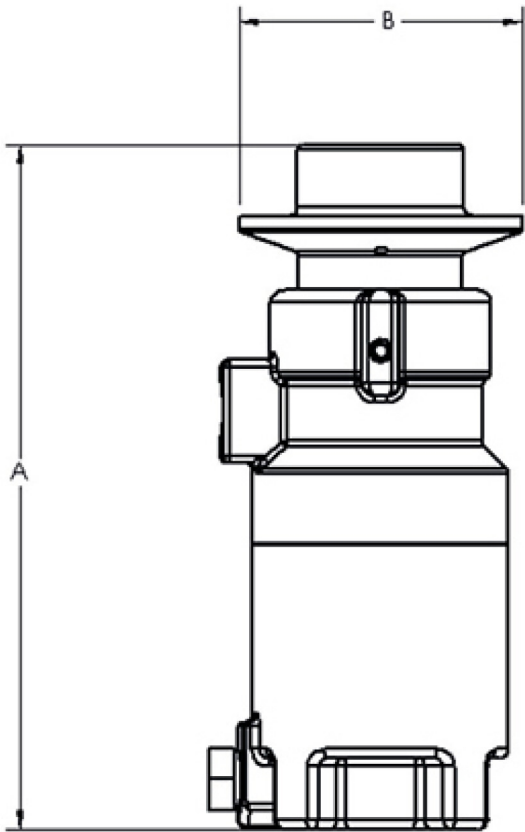
	Tank valve pneumatic AKS series actuators
Sizes	0.5", 1.0", 1.5"
Position indication	Rising stem
Pneumatic air connection fitting	1/8 inch NPT
Pneumatic tube connector size	1/4 in
Max. operating pressure	10 bar (150 psi)
Operating temperature	Up to 135 °C (275 °F)
Min. operating gauge pressure	70 psig
Max. operating gauge pressure	100 psig
Compatible valves	Standard (90 degree) Weirless Radial diaphragm tank valves
Certification and compliance	ISO 9001
Standards	3-A, ASME BPE, ATEX 2014/34/EU, CE Ex II2G Ex h II8 T3 Gb, CE-PED

ATEX Directive 2014/34/EU (available upon request. Not standard)

Materials of construction

	Tank valve pneumatic AKS series actuators
Housing	Nylon, Stainless steel 304
Actuator shaft	Stainless steel 304
O-ring	EPDM
Seals	EPDM

Tank valve pneumatic AKS series actuators dimensions



Size	A mm (inch)	B mm (inch)	Max travel mm (inch)	Weight (with plastic handle) kg (lb)	Clearance required for removal mm (inch)
0.5	122.3 (4.8)	50.4 (2.0)	4.3 (0.2)	0.5 (1.0)	172.7 (6.8)
1.0	149.8 (5.9)	75.8 (3.0)	7.3 (0.3)	1.1 (2.5)	226.1 (8.9)
1.5	151.8 (6.0)	75.8 (3.0)	7.7 (0.3)	1.1 (2.5)	228.6 (9.0)

Product codes

Product number	Product description
PN05-01	0.5" Weirless Radial tank valve AKS pneumatic actuator
PN10-01	1.0" Weirless Radial tank valve AKS pneumatic actuator
PN17-01	1.5" Weirless Radial tank valve AKS pneumatic actuator
PN05-01-EX	0.5" Weirless Radial tank valve AKS pneumatic actuator
SP05-01-EX	0.5" Weirless Radial tank valve AKS pneumatic actuator
PN10-01-EX	1.0" Weirless Radial tank valve AKS pneumatic actuator
PN17-01-EX	1.5" Weirless Radial tank valve AKS pneumatic actuator

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