

Tank valve pneumatic AJS 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
- Stainless steel construction for heavy duty environments
- Pneumatic control options to suit your process needs
- Visual indication of open/closed status
- PTFE bushings and EPDM o-rings for long lasting durability
- Easily mounts switches from any manufacturer



Technical specifications

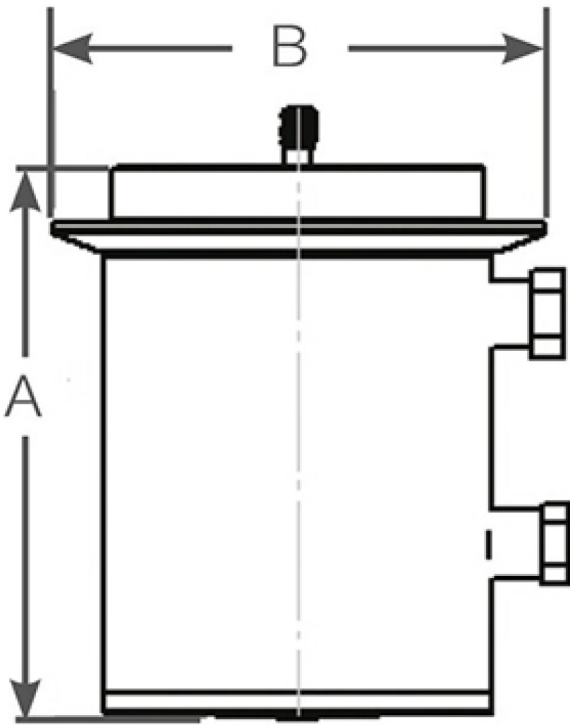
	Tank valve pneumatic AJS series actuators
Sizes	0.5", 1.0", 1.5", 2.0", 3.0", 4.0"
Position indication	Rising stem
Pneumatic air connection fitting	1/8 inch NPT (autoclavable)
Max. operating pressure	10 bar (150 psi)
Operating temperature	Up to 135 °C (275 °F)
Min. operating gauge pressure	70 psig
Max. 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 AJS series actuators
Housing	Black anodised aluminium, Stainless steel 304
Actuator shaft	Gall-Tough® stainless steel, Nitronic 60 stainless steel
O-ring	EPDM
Seals	EPDM
Bearings	Nylon, Stainless steel

Tank valve pneumatic AJS series actuators dimensions



Pneumatic

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	81.0 (3.2)	50.8 (2.0)	5.6 (0.2)	0.7 (1.6)	86.4 (3.4)
1.0	111.0 (4.4)	76.2 (3.0)	7.9 (0.3)	2.1 (4.7)	104.1 (4.1)
1.5	119.9 (4.7)	76.2 (3.0)	14.2 (0.6)	2.1 (4.7)	142.2 (5.6)
2.0	132.1 (5.2)	119.4 (4.7)	14.2 (0.6)	3.5 (7.8)	142.2 (5.6)
3.0	172.7 (6.8)	119.4 (4.7)	19.8 (0.8)	10.0 (22.1)	266.7 (10.5)
4.0	236.7 (9.3)	165.1 (6.5)	25.4 (1.0)	23.7 (52.2)	355.6 (14.0)

Product codes

Product number	Product description
PN05	0.5" Weirless Radial tank valve AJS pneumatic actuator
PN10	1.0" Weirless Radial tank valve AJS pneumatic actuator
PN17	1.5" Weirless Radial tank valve AJS pneumatic actuator
PN20	2.0" Weirless Radial tank valve AJS pneumatic actuator
PN30	3.0" Weirless Radial tank valve AJS pneumatic actuator
PN40	4.0" Weirless Radial tank valve AJS pneumatic actuator
PN05-EX	0.5" Weirless Radial tank valve AJS pneumatic actuator ATEX
PN10-EX	1.0" Weirless Radial tank valve AJS pneumatic actuator ATEX
PN17-EX	1.5" Weirless Radial tank valve AJS pneumatic actuator ATEX
PN20-EX	2.0" Weirless Radial tank valve AJS pneumatic actuator ATEX
PN20-100-EX	2.0" Weirless Radial tank valve AJS pneumatic actuator ATEX
PN30-EX	3.0" Weirless Radial tank valve AJS pneumatic actuator ATEX
PN40-EX	4.0" Weirless Radial tank valve AJS pneumatic actuator ATEX

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