

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



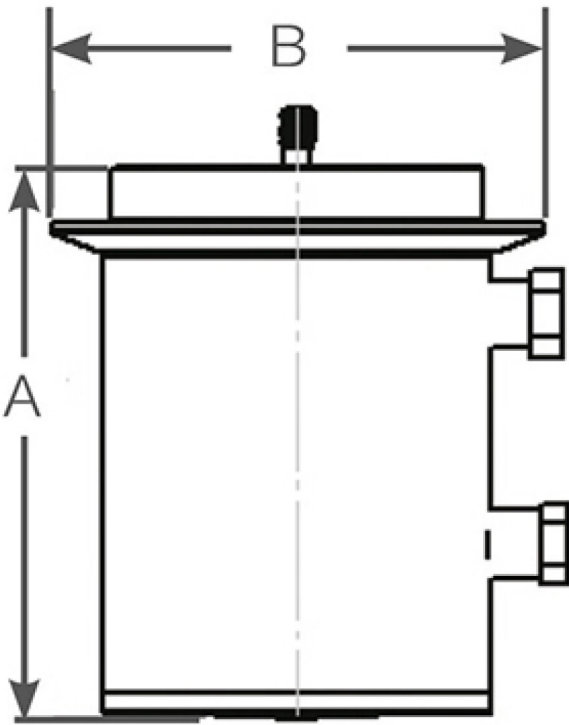
Technical specifications

	Tank valve pneumatic AJS series actuators
Sizes	0.5", 1.0", 1.5", 2.0", 3.0", 4.0"
Pneumatic air connection fitting	1/8 inch NPT (autoclavable)
Max. operating pressure	150 psi (10 bar)
Operating temperature	Up to 275 °F (135 °C)
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

Materials of construction

	Tank valve pneumatic AJS series actuators
Housing	Black anodized aluminum, 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 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

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