

Weirless Radial diaphragm™ in-line valve AKS actuator

for standard (180 degree) Weirless Radial diaphragm valves

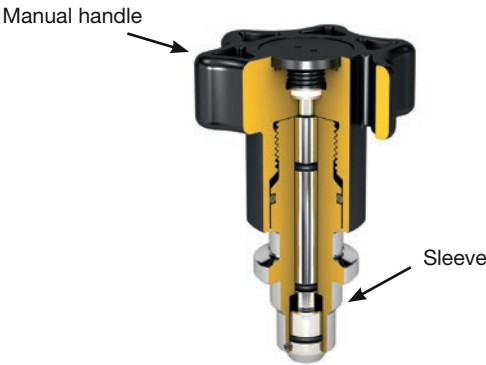
FEATURES AND BENEFITS

- Hygienic design with laser-etched serial numbers for full product traceability
- Lightweight stainless steel and plastic construction with 304 SS sleeve and nylon handle
- Visual indication of open/closed status
- 10 bar (150 psig) maximum sealing force
- Three year warranty

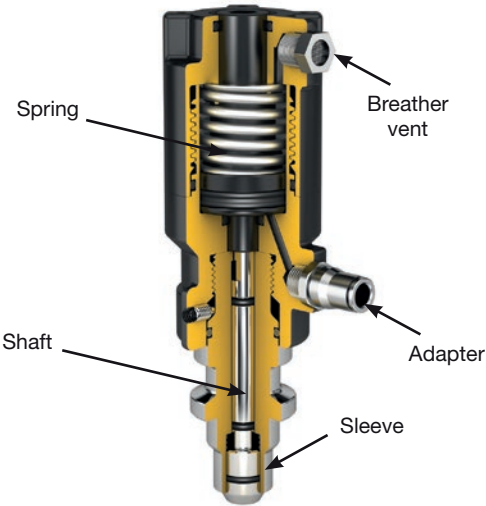


TECHNICAL DATA

Materials	
Diaphragm Housing	Stainless steel sleeve with a nylon handle
Actuator shafts	316L stainless steel
O-rings	EPDM
Instrumentation	
Position indication	Position indication on manual actuator sleeves and on pneumatic actuator shafts provide visual confirmation of valve position
Pneumatic air connection fitting	1/8 inch NPT
Environment	
Max pressure	10 bar (150 psig)
Max temperature	135C (275F)
Quality	
Standards	BPE, CE-PED, ASME
ISO	All product and procedures are governed by our ISO 9001 Quality Assurance Program

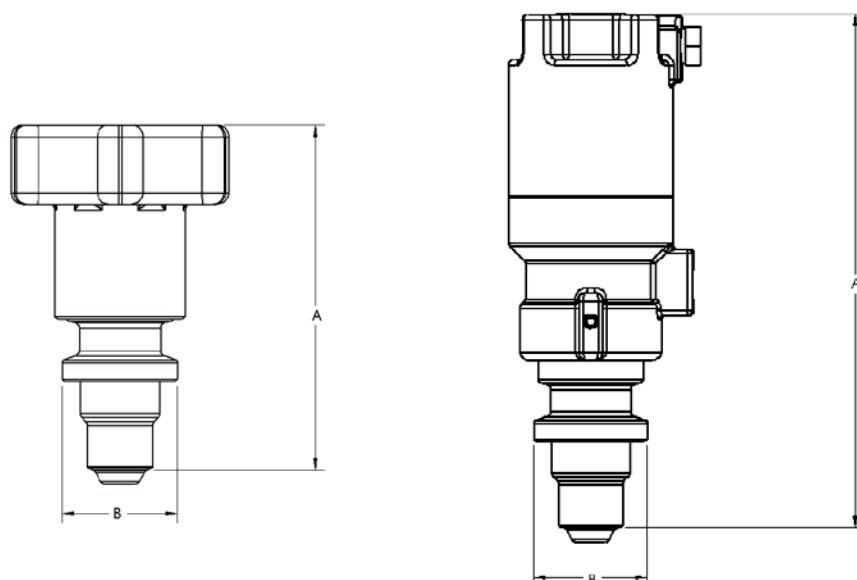


Manual actuator



Pneumatic actuator

DIMENSIONS



Manual actuators (FMXX/IMXX Series)

Size	A mm (inch)	B mm (inch)	Max travel mm (inch)	Weight kg (lb)	Clearance required for removal mm (inch)
0.50	94.0 (3.7)	31.5 (1.2)	4.6 (0.18)	0.4 (0.8)	144.8 (5.7)
0.75	91.4 (3.6)	50.8 (2.0)	5.6 (0.22)	0.6 (1.2)	142.2 (5.6)
1.00	106.7 (4.2)	63.5 (2.5)	7.6 (0.30)	0.9 (1.9)	182.9 (7.2)
1.50	106.7 (4.2)	91.4 (3.6)	10.2 (0.40)	1.5 (3.3)	195.6 (7.7)

Pneumatic actuators (FPXX/IPXX Series)

Size	A mm (inch)	B mm (inch)	Max travel mm (inch)	Weight kg (lb)	Clearance required for removal mm (inch)
0.50	143.3 (5.6)	31.5 (1.2)	4.4 (0.2)	0.5 (1.0)	193.0 (7.6)
0.75	162.6 (6.4)	50.8 (2.0)	5.6 (0.2)	1.0 (2.2)	213.4 (8.4)
1.00	177.8 (7.0)	63.5 (2.5)	5.3 (0.2)	1.3 (2.9)	254.0(10.0)
1.50	188.0 (7.4)	91.4 (3.6)	7.0 (0.3)	2.4 (5.2)	276.9(10.9)

ORDERING INFORMATION

Product number	Product description
FM05-01	0.5" Weirless Radial in-line valve AKS manual actuator
IM08-01	0.75" Weirless Radial in-line valve AKS manual actuator
IM10-01	1.0" Weirless Radial in-line valve AKS manual actuator
IM15-01	1.5" Weirless Radial in-line valve AKS manual actuator
FP05-01	0.5" Weirless Radial in-line valve AKS pneumatic actuator
IP08-01	0.75" Weirless Radial in-line valve AKS pneumatic actuator
IP10-01	1.0" Weirless Radial in-line valve AKS pneumatic actuator
IP15-01	1.5" Weirless Radial in-line valve AKS pneumatic actuator

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