

## ISO 5211-Compliant Pneumatic Actuators



Swagelok ISO 5211-compliant rack and pinion pneumatic actuators are available in spring-return and double-acting modes.

For technical data, including actuator materials of construction and weight, see the *Swagelok Ball Valve Actuation Options* catalog, MS-02-343.

For additional information on selecting and sizing ISO 5211-compliant actuators, see the *Actuated Ball Valve Selection Guide—ISO 5211-Compliant Actuator Mounting Bracket Kits*, MS-02-136.

**⚠ Actuated assemblies must be properly aligned and supported. Improper alignment or inadequate support of the actuated assembly may result in shorter valve life.**

### Actuator Service Ratings

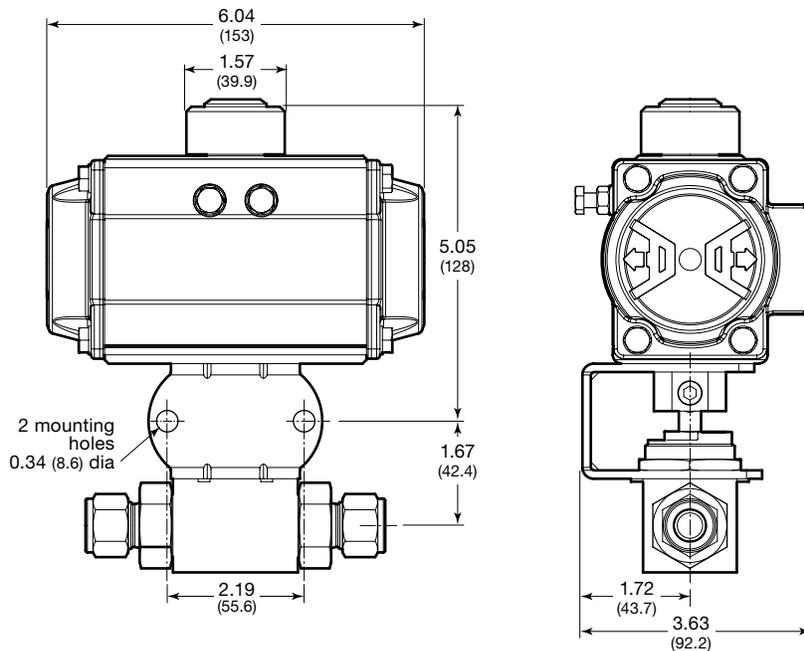
Actuator Service	Temperature Range °F (°C)	Maximum Actuator Pressure, psig (bar)
Standard	-40 to 176 (-40 to 80)	116 (7.9)
High temperature	5 to 302 (-15 to 150)	

### Minimum Actuator Pressure

Actuator Model	Actuation Modes	
	Spring Return	Double Acting
	Minimum Actuator Pressure, psig (bar)	
A30	55 (3.8)	40 (2.8)

### Dimensions

Dimensions, in inches (millimeters), are for reference only and are subject to change.



### Ordering Information

#### Factory-Assembled Actuators

##### Typical Ordering Number

**SS - AFSS6 - A30 D HT**

Valve  
Ordering Number

Actuator  
Model

Actuator Service

None = Standard

HT = High temperature

Actuation Mode

D = Double acting

C4 = Normally closed spring return

O4 = Normally open spring return

#### Actuators for Field Assembly

Order one actuator kit and one mounting bracket kit for each valve.

Mounting bracket kit ordering number:

**SS-MB-AFS-F05-14DIN-M**

Actuator Mode	Actuator Service	Kit Ordering Number
Spring return	Standard	MS-A30-4-DIN
	High temperature	MS-A30-4-DIN-HT
Double acting	Standard	MS-A30-DA-DIN
	High temperature	MS-A30-DA-DIN-HT