



# **Pneumatic Actuator Options & Accessories For Ball & Butterfly Valves**



## **ENGINEERING GUIDE**

**Contact Spears® for any Information not found.**

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas  
See Spears® Product Sourcebook for product Offerings

Spears® Manufacturing Company

Actuated Valves Technical  
**Options & Accessories Overview**



The basic options and accessories listed in this section represent many of the most commonly used for Pneumatic actuation of Ball Valves and Butterfly Valves (see next section for Pneumatic Diaphragm Valves) factory configured to order on the actuation package. Contact Spears® for any desired accessories, options, functions, or special controls not listed.

**Overview of Basic Options & Accessories Available**

<b>Standard Pneumatic Actuator Features</b>	<b>Premium Pneumatic True Union Ball Valves</b>	<b>Premium Pneumatic Butterfly Valves</b>
Spring Return (Fail Safe)	✓	✓
40 or 60 psi Operating Pressure	✓	✓
Declutchable Manual Override	✓	✓
Pneumatic Positioner	✓	✓
Electro-Pneumatic Positioner	✓	✓
Transmitter	✓	✓
Dome Position Indicator	✓	✓
Mechanical Limit Switches	✓	✓
Output Signal Mechanical Limit Switches	✓	✓
Output Signal Proximity Limit Switches	✓	✓
3 & 4-Way Solenoid Valve	✓	✓
Dual Power 3 & 4-Way Solenoid Valve	✓	✓
Stainless Steel 3-Gauge Set	✓	✓
ID Tag - SS	✓	✓

*Contact Spears® for any desired accessories, options, functions, or special controls not listed in this guide.*

**Spring Return (Fail Safe)  
 (Air-to-Open or Air-to-Close) Option**

An internal spring in the actuator is configured to either open or close upon loss of air supply. Spring return can be specified as either Air-to-Open (fail-close) when spring return close is desired or Air-to-Close (fail-open) when spring return open is desired.

**Operating Pressure Option**

Standard ball and butterfly valve actuators require an 80 psi supply pressure. With this option, the actuator is configured for lower supply pressures of either 40 psi or 60 psi (must specify).