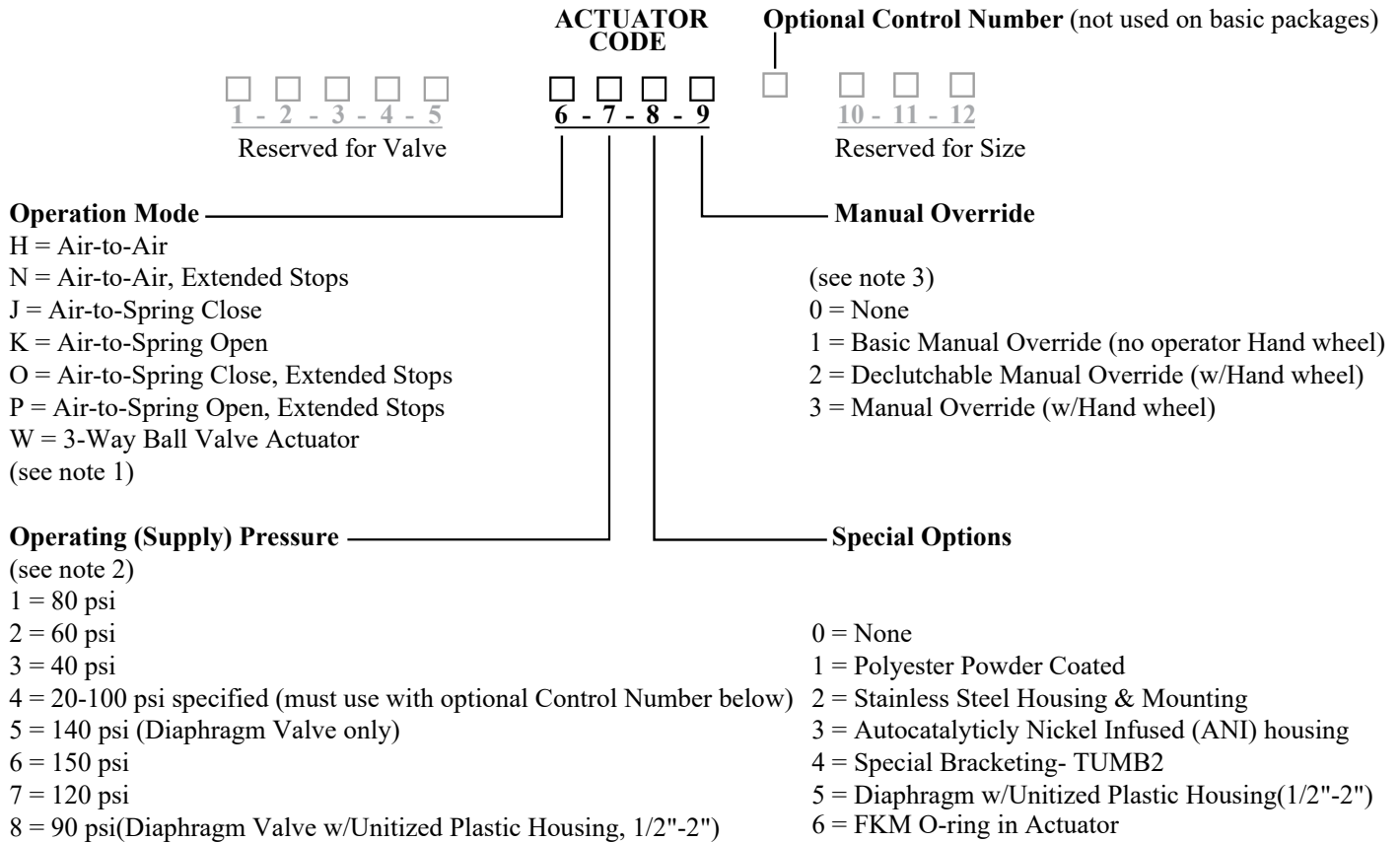


Actuated Valves Technical  
**Pneumatic Actuator Selection**



**Table 5: PNEUMATIC ACTUATOR**  
**(Operation - Operating Pressure - Manual Override)**

Revised: 12-20-2022



**Notes:**

- 1 - Bracket only part numbers do not allow any other options (must be Z000); available for Ball Valves only.
- 2 - Operating pressures (1-2-3) apply to Ball valve actuators.
- 3 - Basic Manual Override is standard on all Ball Valves and Butterfly Valves with Declutchable Manual Override as an option. Standard Diaphragm Valve package has no override. No manual override option sizes 1/2" -2". Declutchable Manual Override is an option on valve sizes 2-1/2" & larger.

**Actuator Only Part Numbers**

Individual Premium Pneumatic actuators can be ordered for specific Spears® valve types and sizes. Includes actuator and mounting hardware for specified valve type and size. To specify valve type for actuator only, enter the first digit valve type code followed by zeros ("0") for remaining 4-digits of the valve code section of the part number plus the applicable 3-digit valve size code (see valve selection Tables 1, 2, or 3). Complete the actuator code selection as described in this section. See Step 3 for any desired actuator accessories.

**Example:** An 80 psi, air-to-air pneumatic actuator only with declutchable manual override for 2" standard Butterfly Valve would have the following part number: 40000H102-020.

**Optional Control Numbers (custom use) - Pneumatic Actuators**

X = Actuator assembled with Double Containment Valve & Valve Box (for use in "actuator only" part number)

Control Numbers for user specified pressure. Must be used with Operating (Supply) Pressure code 7, #4:

- |            |            |             |
|------------|------------|-------------|
| A = 20 psi | D = 50 psi | G = 80 psi  |
| B = 30 psi | E = 60 psi | H = 90 psi  |
| C = 40 psi | F = 70 psi | J = 100 psi |

K = Custom 2-position Actuator 3-Way Ball Valve used only in electric actuators not pneumatic

**Note:** When control number is used on a package with accessories, the dash (-) is dropped before the "A" due to part number limitations.

Made in the U.S.A.

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas

See Spears® Product Sourcebook for product offerings