



Typical Series F09000
Linear Actuator



Typical Series F0874
Rotary Actuator

Use the P/N 12677 Spring Link with any Hays Cleveland linear or rotary actuator and standard linkage (P/N 26908 Clevis Assembly and P/N 11372 Lever Arm, if needed).



Standard Spring Link

for all valves using Hays Cleveland Actuators and Regulators

P/N 12677 Spring Link enhances the installation and setup of control valves that are equipped with stops.

The Spring Link provides a tight seal in critical applications, and will not crush the valve seat. Stroking the actuator to the valve is simplified with the Spring Link installed.

Notes:

1. Spring link can be compressed .75" max.
2. Spring link should be compressed approximately .38" (equivalent to 22 lbs. of thrust) when the valve and actuator are in their full closed positions.

3. When locating the spring link in the linkage between the actuator and valve, it should be nearer the valve.

Sample Instructions

(using linear actuator):

Refer to Figure 2, and note that:

1. Valve opens on rising stem.
2. Actuator can be mounted above or below valve. If mounted above valve, the actuator must be wired for reverse action.
3. For best results, actuator should be perpendicular to valve lever when valve is in the closed position.

4. For best results, locate the actuator so that the proper hole in the valve lever is positioned in line with the thrust arm of the actuator.
5. The valve lever assembly can be rotated 360° for alignment with actuator.
6. Stroke the actuator so that the spring link is compressed approximately .38" when the valve is fully closed.
7. Figure 1 shows the arrangement for a valve mounted in a horizontal line. Rotate the assembly 90° for a valve mounted in a vertical line.
8. Similar procedure is appropriate for rotary actuators.

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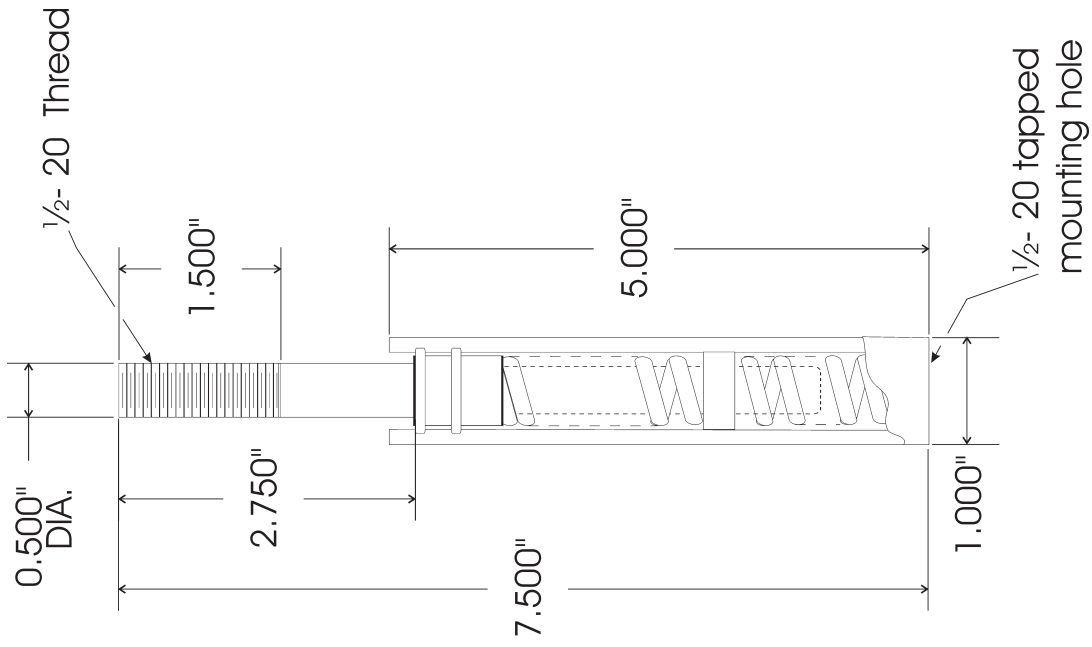


Figure 1: Dimensions

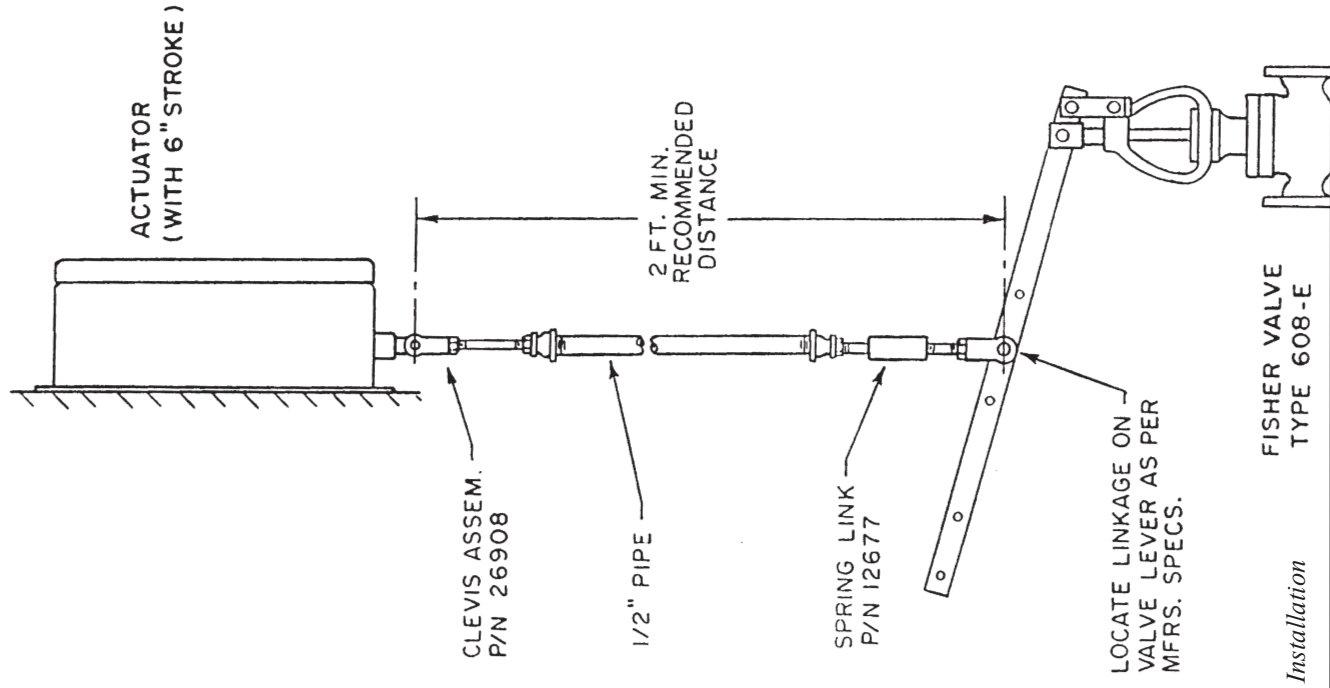


Figure 2: Typical Installation