

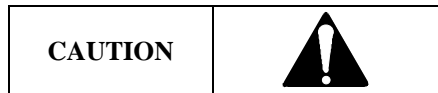
**Fisher Actuator Mounting Kits:**  
 Part Number 16300-395 (Sizes 30 to 60 Actuators)  
 Part Number 16300-493 (Sizes 70 to 100 Actuators)

**15900-427**  
 Rev: 4  
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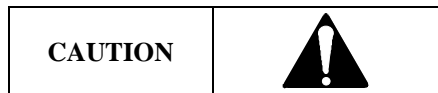
**Series 760 ValvePAC™ Valve Controller Mounting Kit  
 for Fisher Actuators**

This publication describes mounting a Siemens Series 760 ValvePAC valve controller on a Fisher valve actuator, sizes 30 through 100. Perform the following installation procedure to mount the 760. Refer to the positioner and actuator installation instructions while performing the installation. The current revision of the positioner instruction (SD760) is available at the Siemens Internet site. See Product Support later in this Instruction for the URL.

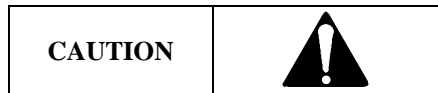
Before beginning the installation, note the following cautions.



Do not apply supply pressure to the actuator or the valve positioner during the installation process. Applying supply pressure before the equipment is properly mounted could cause unexpected movement that could lead to personal injury or equipment damage.



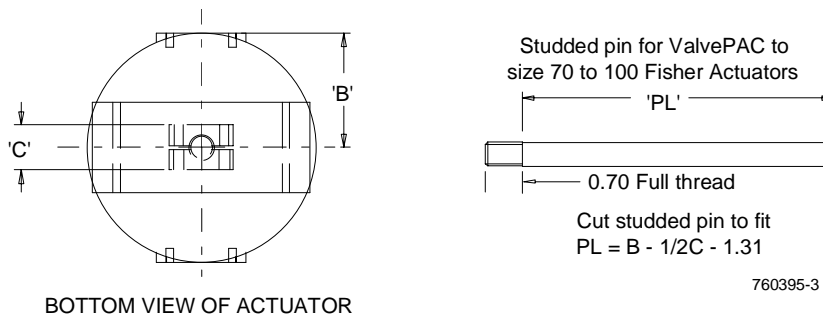
Do not exceed the maximum actuator and valve positioner air pressures stated in the manufacturer's literature. Exceeding these ratings could cause personal injury or equipment damage.



The actuator stem clamp must be loosened to install the kit. Always set valve and actuator stems to their relaxed positions before loosening the stem clamp to prevent possible injury to personnel or damage to equipment.

**INSTALLATION**

1. Install the actuator stem bracket on the actuator stem mounting block using the bolts from the mounting block. Use the appropriate slot for the bolts and center the slot on the stem.
2. For actuator sizes 70 through 100, refer to Figure 1 and calculate the dimension needed for the studded pin. Cut the studded pin to the desired length.



**FIGURE 1 Studded Pin Installation**

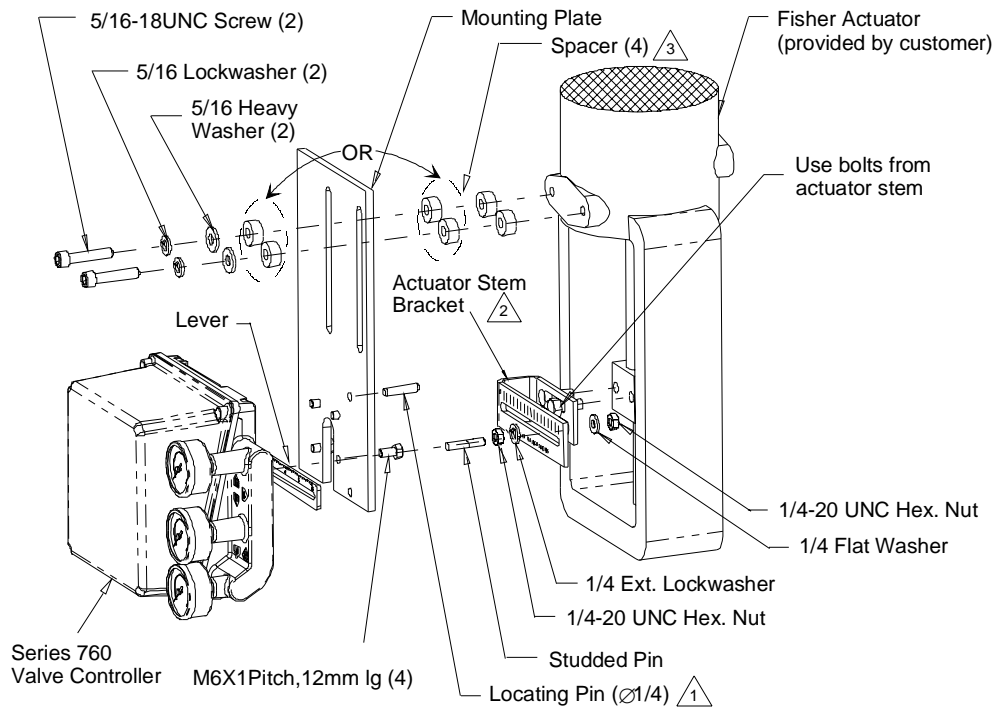
3. Position the studded pin at the stroke length in the actuator stem bracket and secure in place with the 1/4" washer, lockwasher and nuts. The tick marks on the bracket represent the stroke length in 1/4" increments. The 1/8" hole is zero. Adjust the exposed length of the linking pin to engage the positioner lever.

4. Fasten the Series 760 Valve Controller to the mounting plate using the M6x12 hex. head screws.
5. Press the 1/4" diameter locating pin into the mounting plate. The pin is an assembly aid that allows positioning of the valve controller with no air applied to the actuator.
6. Install the controller/mounting plate assembly onto the actuator and engage the studded pin (linking pin) in the lever. Secure in place with the 5/16" screws, lockwashers and washers. Do not tighten screws.

**NOTE**

When mounting the assembly to a size 30 through 60 actuator, be sure to install either all four spacers between the mounting plate and the actuator body or two spacers on each side of the mounting plate.

7. Slide the controller/mounting plate assembly up and down until the lever contacts the locating pin. Tighten the 5/16" screws. Remove the locating pin. Install the lever retaining clip.



**NOTES:**

- 1 Pin can be placed in one of two holes. The top hole, as shown, is for direct acting Model 657 actuators. The bottom hole is for reverse acting Model 667 actuators.
- 2 For size 30 TO 60 actuators:  
Use top slot if coupling bolts are Ø5/16.  
Use bottom slot if coupling bolts are Ø 3/8.  
For size 70 to 100 actuators:  
Use top slot if coupling bolts are Ø3/8.  
Use bottom slot if coupling bolts are Ø 1/2.
- 3 For use only with size 30 TO 60 actuators.

760395-1r2

**FIGURE 2 Mounting Bracket Assembly for Fisher Actuator**

**For Product Support in the U.S.A.**

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E-mail	<a href="mailto:techsupport.sea@siemens.com">techsupport.sea@siemens.com</a>
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**For Product Support Outside of the U.S.A.**

Visit the Siemens public Internet site (see the above table for the URL), locate “Customer Support Process Instrumentation,” and click on the Contact Tech Support link to access the Global Support link. ■

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