

## Powers™ Controls No. 6 Damper Actuator–Tandem Mounting

### Product Description

The No. 6 Damper Actuators - Tandem Mounting consist of two No. 6 actuators piloted by a positioning relay mounted on a sturdy angle iron frame.

### Product Number

331-3070

### Required Tools

- Six-inch adjustable crescent wrench
- Slip joint pliers

### Expected Installation Time

1.5 hours

### Installation

1. Install dampers to enable inlet vanes or damper blades and linkage to move freely.
2. Select a location for the actuator assembly that will allow the linkage to operate the damper or inlet vanes without obstruction.
3. Attach the angle iron frame of the actuator assembly to the mounting surface with appropriate fasteners. (See Figure 1.)
4. Determine the length "L" (NPT pipe length) shown in Figure 2 required for the application. Increase the length of "L" by the amount of thread engagement at each end of the pipe.
5. Obtain locally the required length of pipe with 1/2-inch NPT threads at each end.

The installation is now complete.

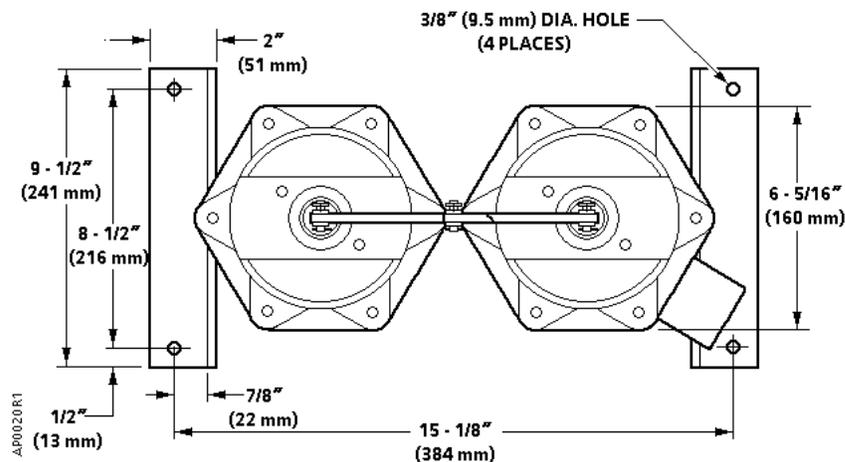
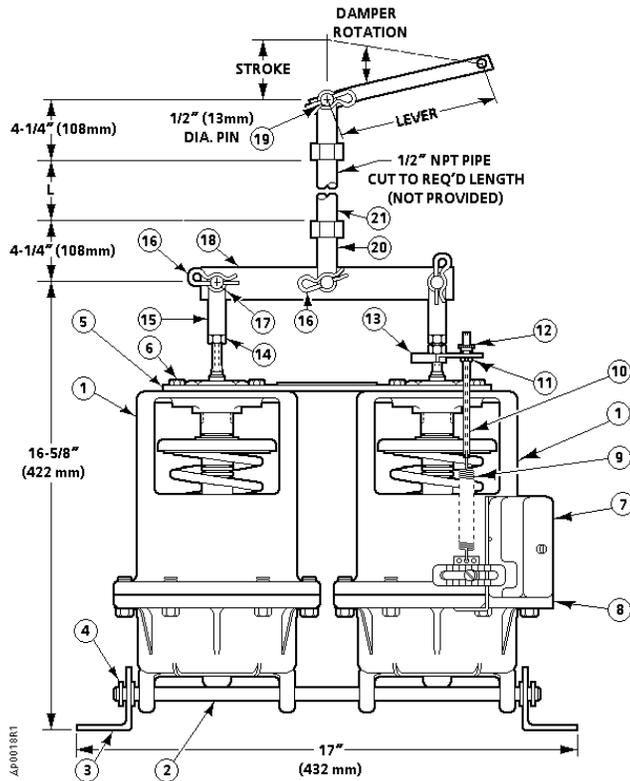


Figure 1. Damper or Inlet Vane Mounting Hole Locations (Top View).



**Figure 2. Damper or Inlet Vane Installation**  
 (See Table 1).

**Table 1.**

Item	Description	Quantity
1	No. 6 Actuator	2
2	Pivot Shaft	1
3	Angle Iron Frame	2
4	"E" Ring	4
5	Stabilizing Plate	1
6	Cap Screw 5/16 - 18 Thread	4
7	Positioning Relay	1
8	Mounting Bracket	1
9	Feedback Spring	1
10	Adjustment Screw	1
11	Nut 10 - 24 Thread	1
12	Adjustment Nut	1
13	Spring Arm	1
14	Nut 3/8 - 24 Thread	4
15	Clevis	2
16	Cotter Pin	4
17	Clevis Pin	2
18	Load Bar	1
19	Clevis Pin	2
20	Clevis	2
21	Adapter	2

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