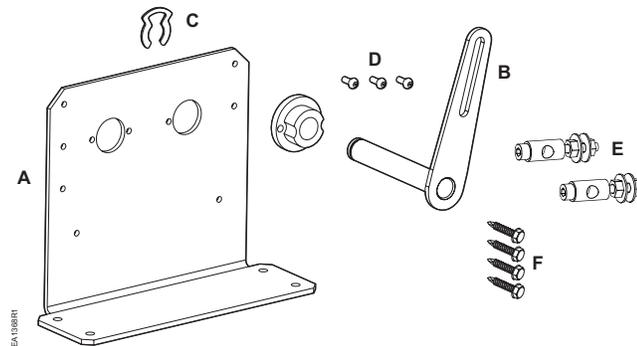


ASK80.1 Footmount Kit for GQD Actuators



Product Description

This kit contains the parts needed to mount an OpenAir™ GQD Damper Actuator for a foot or frame mount to a damper.

Contents

- A Mounting plate
- B Lever
- C Bushing
- D Thread-forming mounting screws (3)
- E Ball Joints (2)
- F Self-drilling Tek screws (4)

Product Number

ASK80.1

Warning/Caution Notations

WARNING:		Personal injury or loss of life may occur if you do not follow the procedures as specified.
CAUTION:		Equipment damage or loss of data may occur if you do not follow the procedures as specified.

Required Tools

- Electric drill
- 3 mm hex key (included with GQD Actuator)

Expected Installation Time

45 minutes

Prerequisites

- Determine what side and in what orientation the GQD Actuator should be mounted before assembling the bracket. (See Figure 4 and Figure 5.)
- After determining the desired actuator position on the bracket, assemble the bushing to the bracket with two thread-forming screws. The bushing should always be assembled so that the protruding side faces the actuator. See Figure 1.
- Drive one of the thread forming screws into one of the two lower holes in the bracket leaving approximately 5 mm (.197) under the head of the screw exposed to provide anti-rotation for the actuator. See Figure 1.

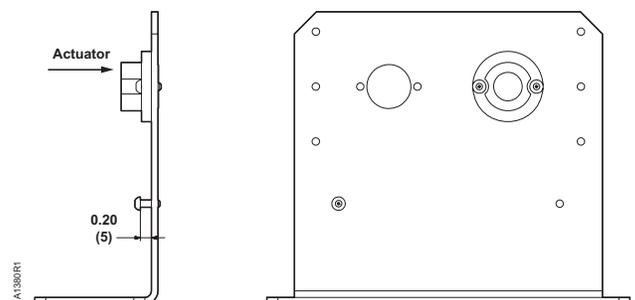


Figure 1. Anti-rotation Screw Location.



CAUTION:

Avoid routing actuator wiring in the way of any moving components of the damper or linkage.

Installation

1. After determining the actuator, bushing, and anti-rotation screw placement, determine the lever placement.
 - If the lever is to be mounted opposite of the actuator, assemble the clip as shown in Figure 2.
 - If the lever is to be mounted directly above the actuator, assemble the clip as shown in Figure 3.

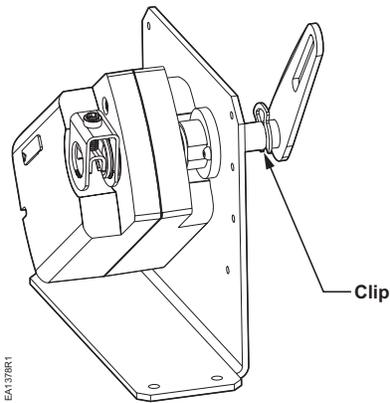


Figure 2. Clip Position for Lever Opposite the Actuator.

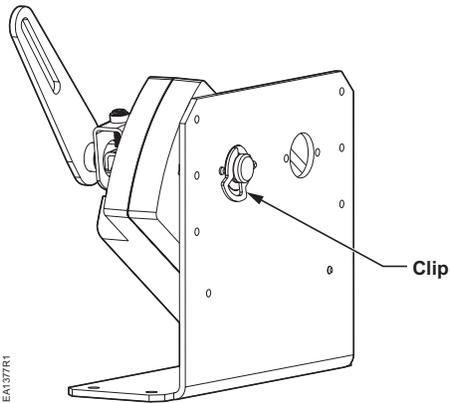


Figure 3. Clip Position for Lever above the Actuator.

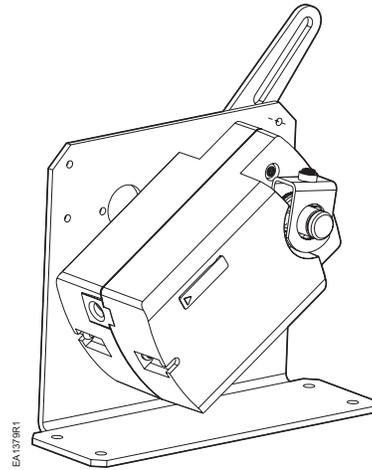


Figure 4. Inside Mount.

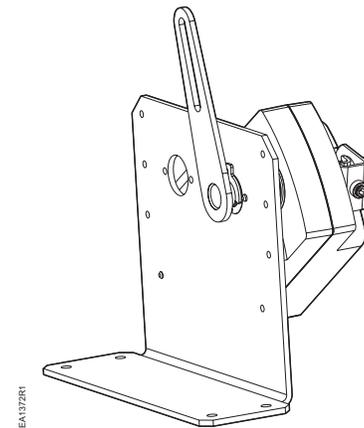
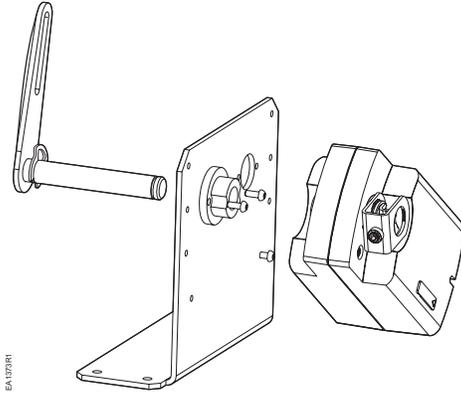


Figure 5. Outside Mount.

Lever Range of Motion

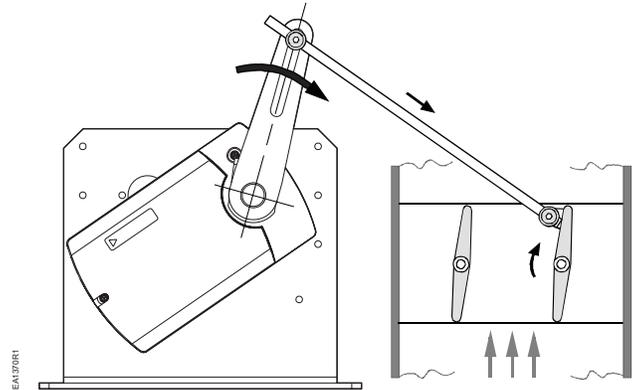


The lever range of motion is 95°, but can be assembled and oriented at any start position that does not interfere with the damper frame or hardware.

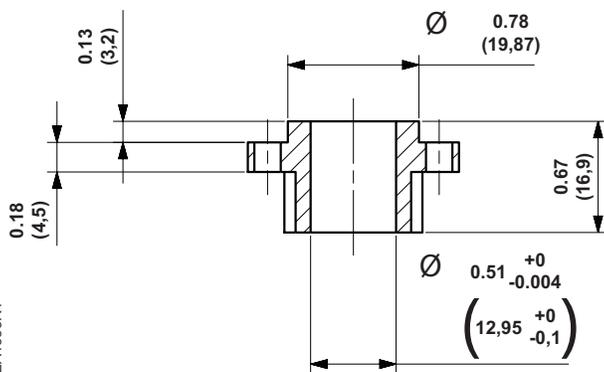
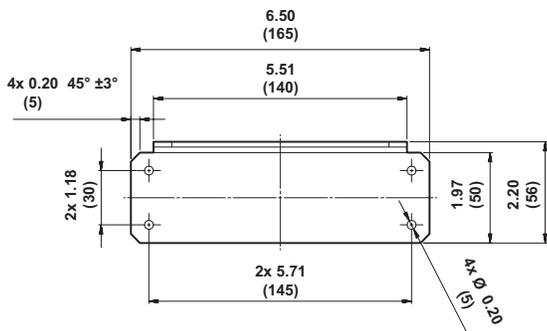
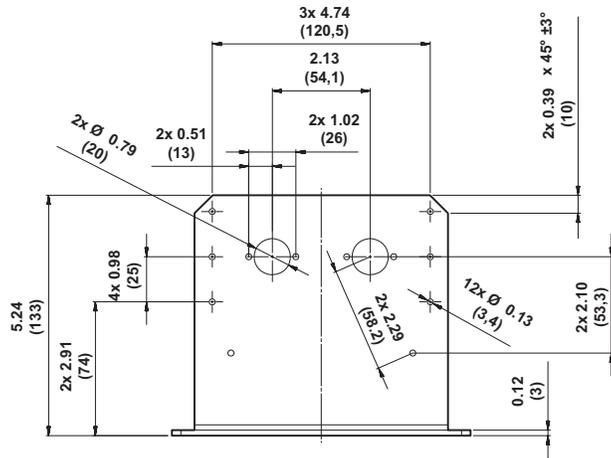
1. Assemble the bracket assembly to the damper using the four self-drilling Tek Screws (provided).
2. Assemble the ball joint to the lever and damper push rod (not supplied) and adjust for proper damper operation.
3. Tighten the shaft adapter of the GQD Actuator to a 6 Nm (60 in-lb) using the 3 mm hex key.
4. Apply power and signal to the actuator, and check for proper operation.

The installation is now complete.

Application



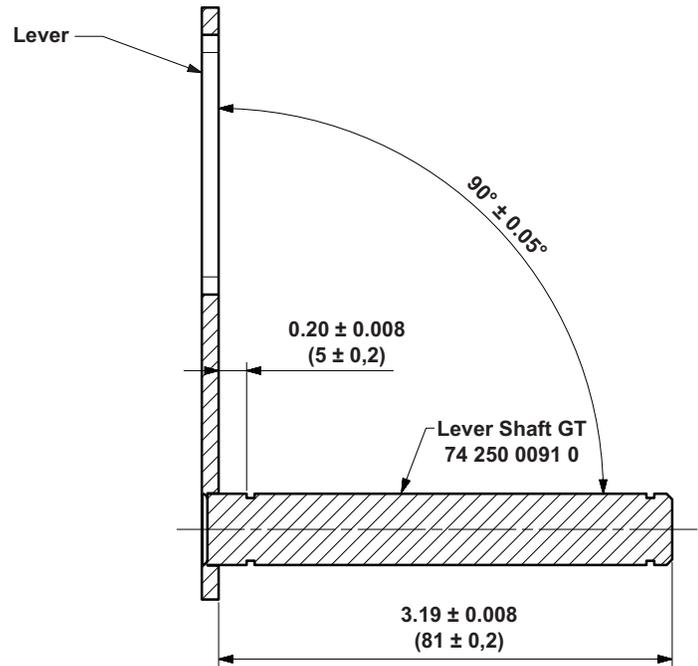
Dimensions



EA1382R1

EA1383R1

EA1381R1



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