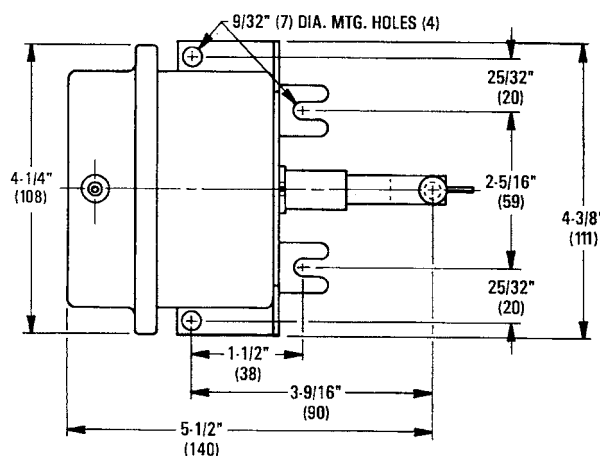
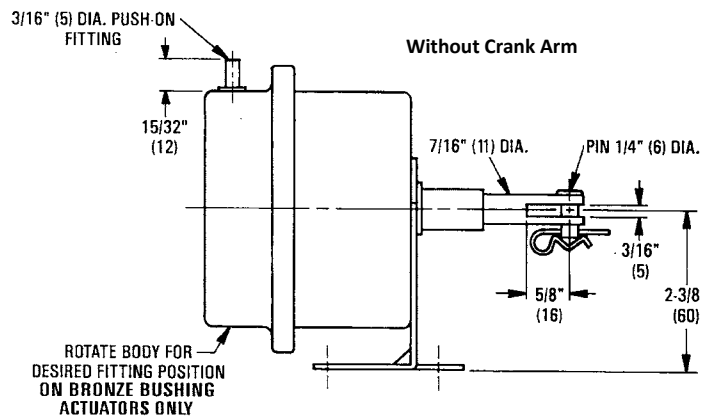
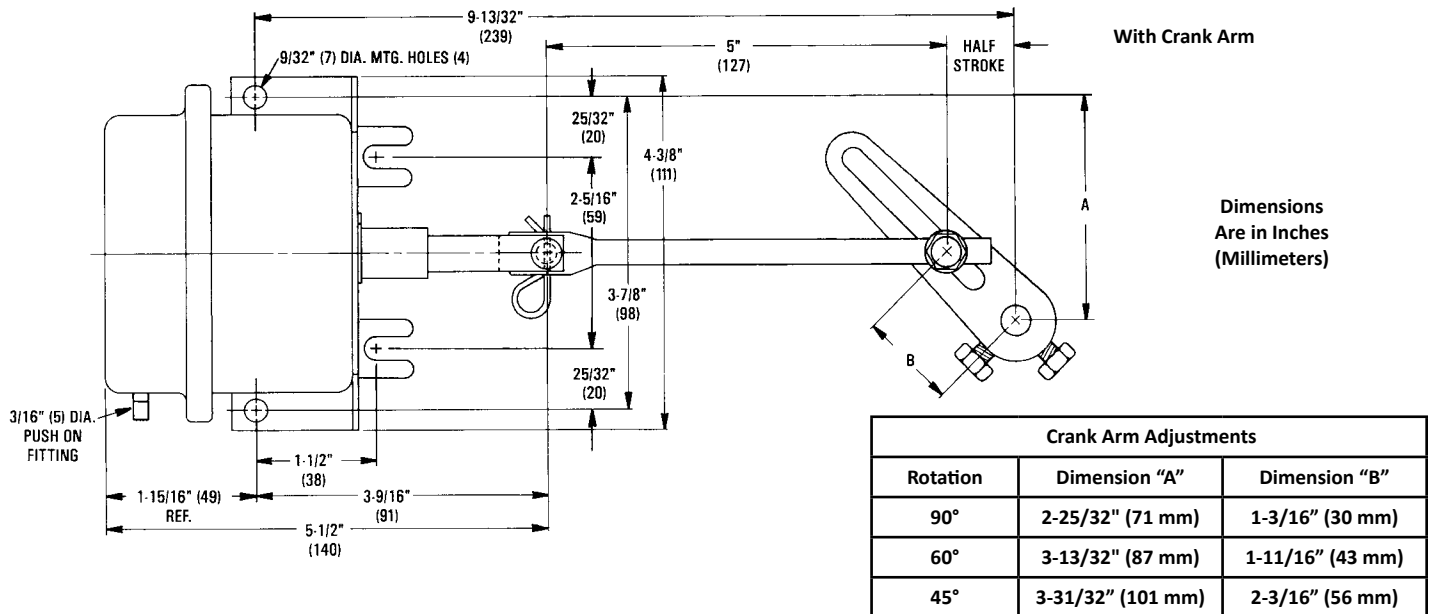


Installation Guide

Mounting



NOTE: See the data sheet for mounting accessories.

1. Connect the actuator to the damper shaft by one of the following two methods:
 - If the actuator has a supplied crank arm linkage, check that the ball joint is positioned for the correct rotation. See the "A" and "B" dimensions on the chart above for standard rotations. Slide the crank arm on the damper shaft and tighten the set screws.
 - If the actuator does NOT have a supplied linkage, connect the damper's blade clip or drive arm with a clevis pin and cotter pin.
2. Position the damper for its "normal" position.
3. Mount the actuator to the side of a VAV terminal using the mounting holes in the bracket.
4. Rotate the actuator body (on metal bodies only, not plastic) so that the air connection is in the desired location.
5. Check that the linkage will not bind as the shaft extends and retracts.

Connection

⚠ CAUTION

Pneumatic devices must be supplied with clean, dry control air. Any other medium (e.g., oil or moisture contamination) will cause the device to fail.

1. Using 1/4" (6 mm) polyethylene tubing, pipe the (0 to 20 psi) signal to the input fitting.
2. Slowly apply supply pressure to fully stroke the actuator and linkage.
3. Check for any binding.

Adjustments and Calibration

Fine tuning can be accomplished by adjusting the ball joint position on the push rod.

Maintenance

No routine maintenance is required. Each component is designed for dependable, long-term reliability, and performance. Careful installation will help ensure long-term reliability and performance.

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