

# MOTOR MOUNTING METHODS FOR ELECTRIC & PNEUMATIC ACTUATORS

IN THE CASE OF RETROFIT APPLICATIONS,  
ACTUATORS MUST BE RELOCATED TO MATCH  
DAMPER DRIVE BLADE POSITION.

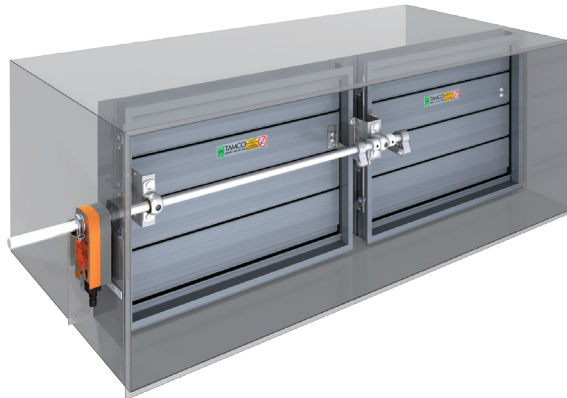
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## ELECTRIC ACTUATORS



### BELIMO ELECTRIC ACTUATOR DIRECT-COUPLED MOUNTING

Motor is mounted on a mounting bracket attached to duct if damper is installed in Duct mount type or to the damper's 4" frame if installed as Flanged to Duct mount type. If the motor is to be mounted to the damper frame, use a TAMCO Motor Mounting Bracket. (Part # AL-0001)



### BELIMO ELECTRIC ACTUATOR JACK SHAFT MOUNTING

Motor is mounted on a mounting bracket.  
Jack shaft measures 1" (25.4 mm) in diameter.



### BELIMO ELECTRIC ACTUATOR FACE MOUNTING

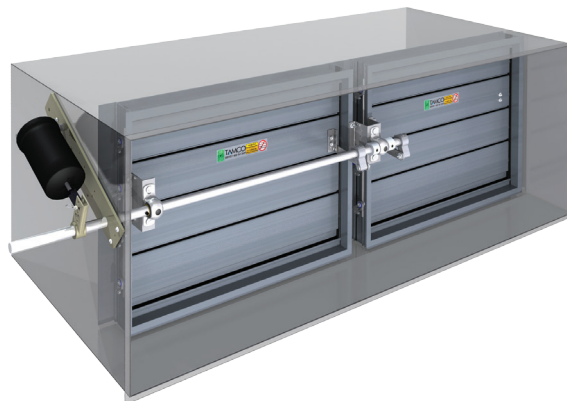
Motor is mounted in the airstream. Damper must be ordered with a TAMCO Face Blade Bracket. Required accessories: Belimo ZG-100 Universal Mounting Bracket (Part # BE-8104), appropriate Belimo Crank Arm Adaptor Kit and Belimo Push Rod (dependent on actuator selected).

## PNEUMATIC ACTUATORS



### PNEUMATIC ACTUATOR DIRECT-COUPLED MOUNTING

All mounting accessories required for direct-coupled mounting come with Siemens pneumatic actuators.



### PNEUMATIC ACTUATOR JACK SHAFT MOUNTING

Required accessory: Pneumatic Actuator Jack Shaft Clevis Arm. (Part # PN-0006)



### PNEUMATIC ACTUATOR FACE MOUNTING

Motor is mounted in the airstream. Required accessory: Pneumatic Actuator Face Mounting Kit. (Part # PN-0007).

- Pneumatic motors must be installed and aligned so as to ensure proper rotation of clamp or crank arm. This requires the actuator to be installed at an angle to match blade rotation. Damper drive rod must not be subjected to pressure that may bow or bend rod out of line.
- Each pneumatic actuator requires accessories which are specific to its type, model, or brand. The accessories are necessary to mount the pneumatic actuator to the TAMCO damper hexagonal drive rod, or to the TAMCO 1" (25.4 mm) diameter jack shaft. Verify with the actuator manufacturer for a list of appropriate accessories.
- TAMCO supplies two sizes of Siemens pneumatic actuators (No. 4 and No. 6). Models can be purchased with or without positioners. Required accessories are indicated beneath each pneumatic actuator mounting type image. (Refer to Pneumatic Actuator Mounting Accessories page for more details.)