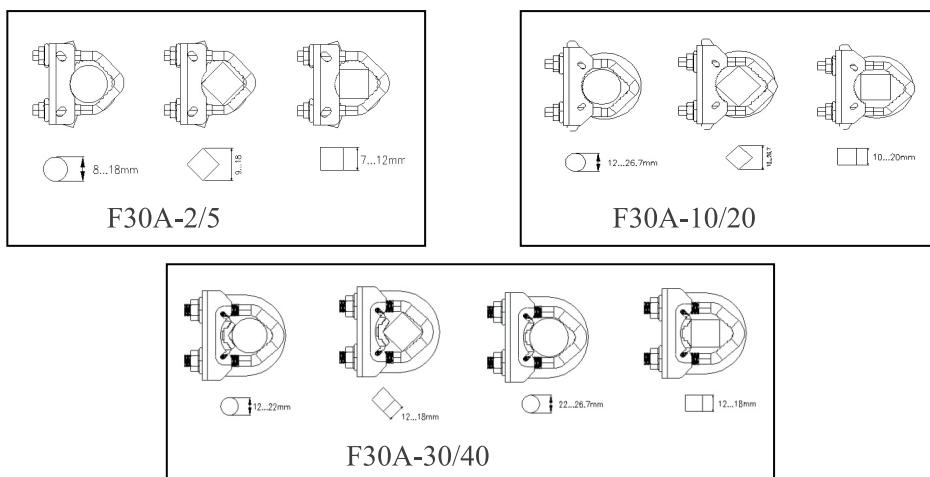


F30A/S

Series Actuator Installation Diagram

1.F30A Series Damper Actuator

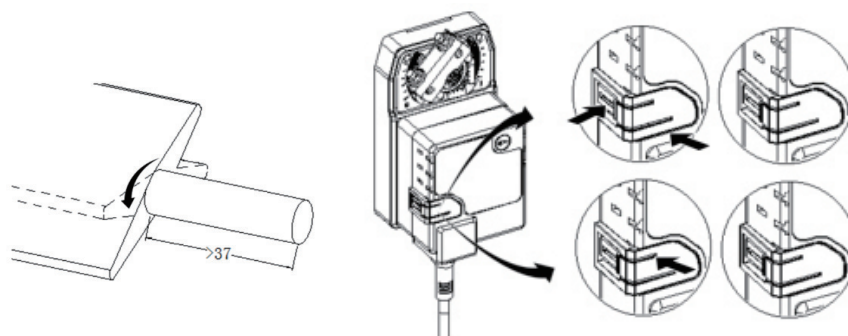
1) Damper shaft Dimension



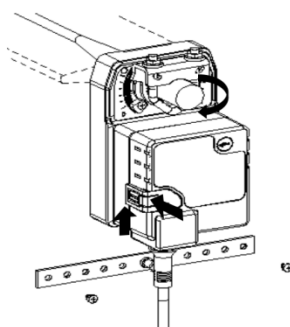
2) Rotate the damper shaft to ensure the valve is in the fully closed position.

The actuator is preset to the fully closed position at the factory. If it is not in the fully closed position, press the actuator's unlock button and rotate the output shaft connector to bring the actuator to the fully closed position.

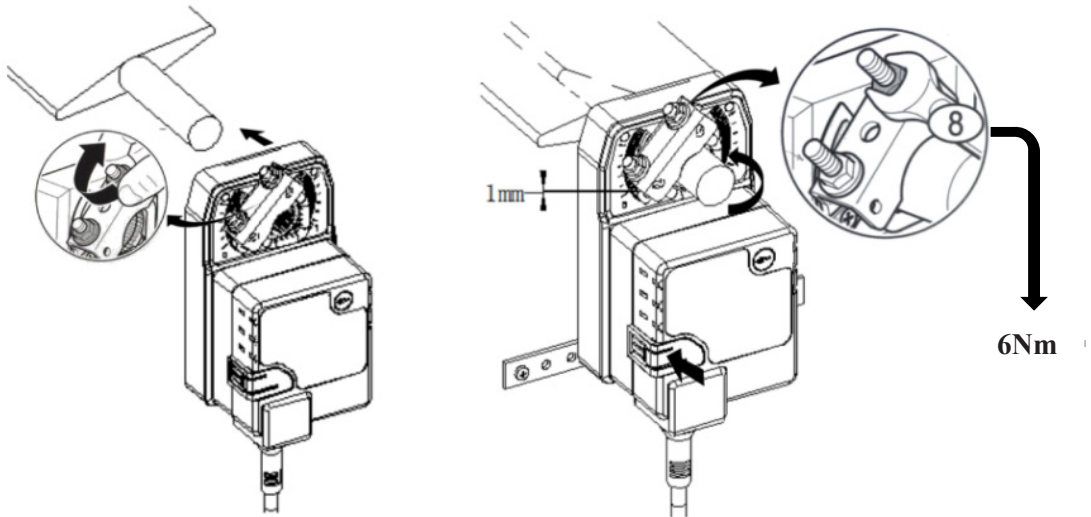
(※ To avoid damaging the actuator, do not rotate quickly or forcefully hit the limit block while turning.)



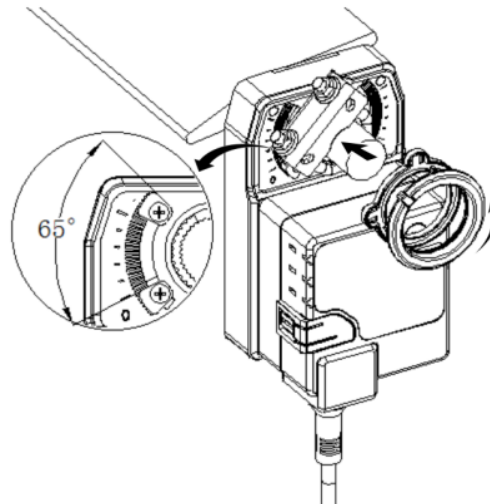
3) Connect the actuator output shaft to the damper shaft. Attach the mounting bracket to the rear of the actuator and secure it with self-tapping screws.



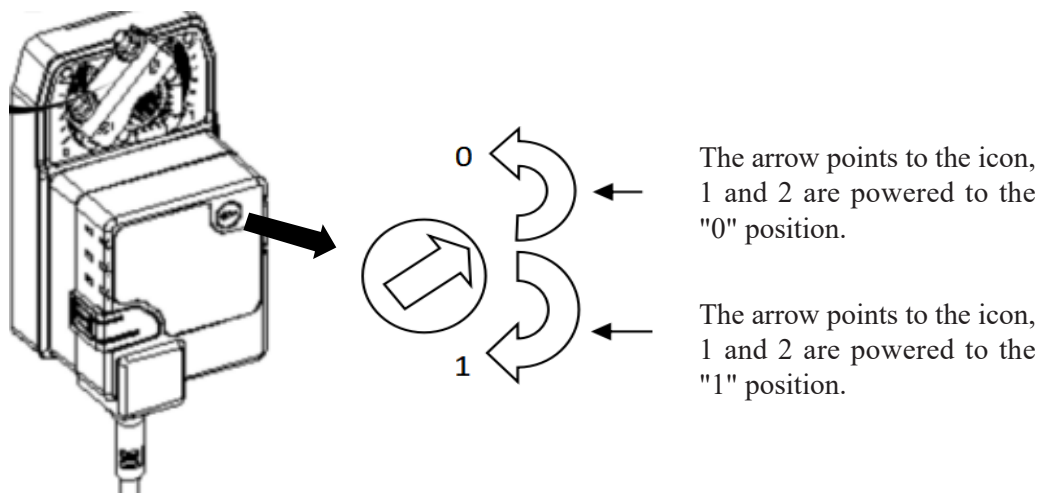
4) Tighten the nut on the actuator output shaft clockwise.



5) The output angle can be adjusted (by repositioning the limit block with a screwdriver).



6) Adjust the direction knob on the actuator surface to select the appropriate direction.

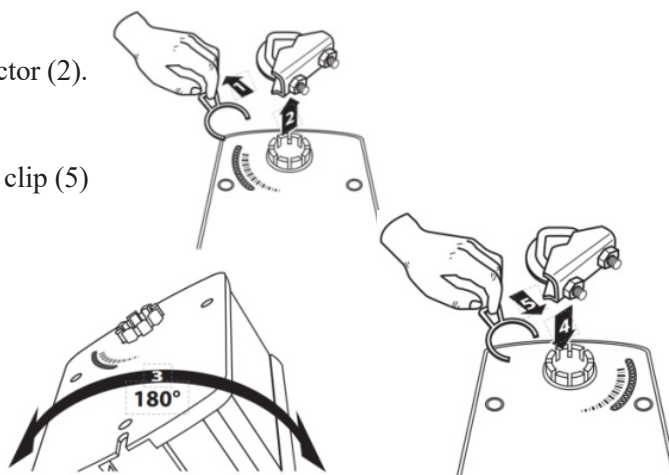


7) Wire the actuator according to its model.

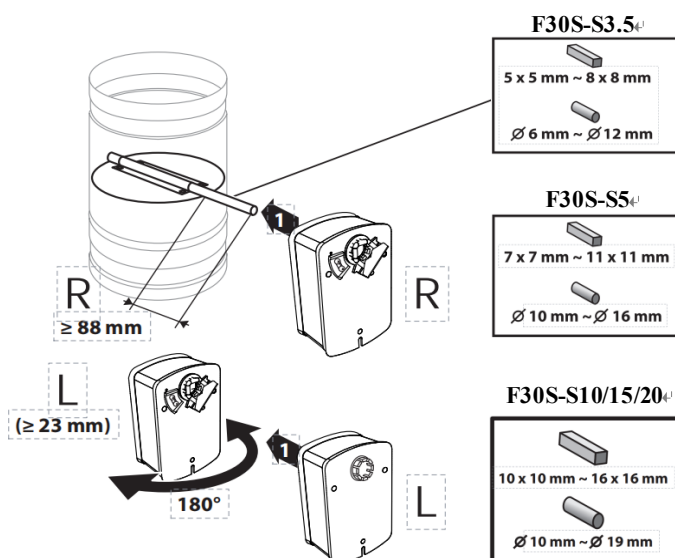
2.F30S Series Spring Return Damper Actuator

1) Selection of L/R side mounting for the actuator.

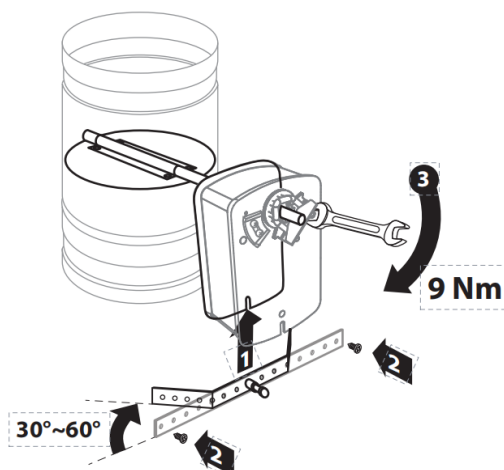
- ① Remove the clip (1) and the output shaft connector (2).
- ② Rotate the actuator 180°(3).
- ③ Reinstall the output shaft connector (4) and the clip (5) onto the output shaft.



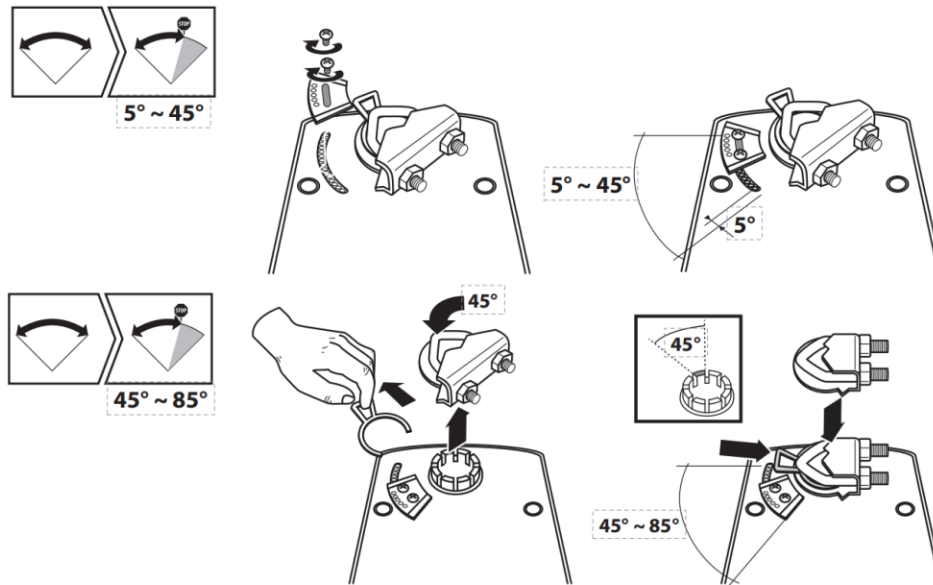
2) When the valve is in the fully closed position, install the actuator onto valve shaft (1), selecting the L or R mounting side as needed.



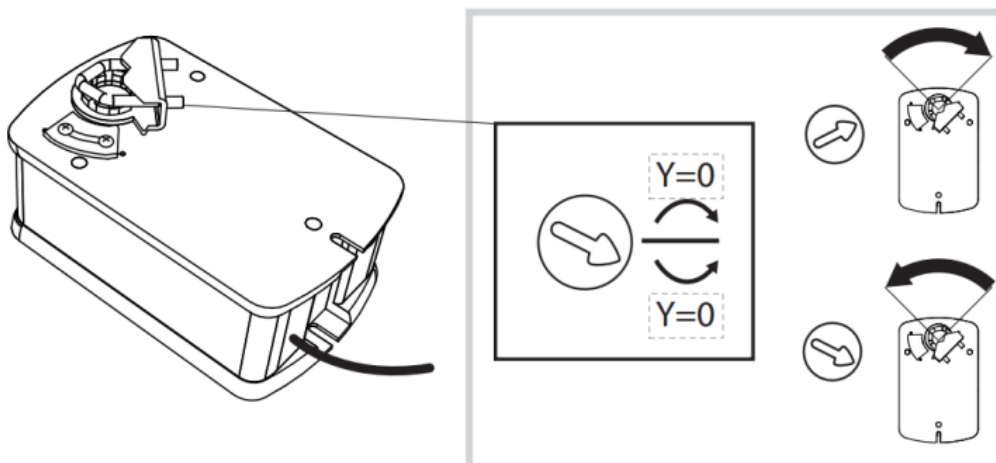
3) Attach the mounting bracket to the rear of the actuator (1) and secure it with self-tapping screws (2). Tighten the nut on the actuator output shaft connector clockwise (3).



4) The output angle limit is adjustable (install and adjust the position of the limit block using a screwdriver).



5) For the EA700-M model, adjust the actuator rotation direction knob as needed to select the appropriate direction.



6) Wire according to the actuator model.