



# Fast Acting Actuators for Emergency Generator Room Applications

The EFCX spring return damper actuators provide a high torque offering of 270 in-lbs [30 Nm] and a 10 second spring return speed. The EFCX is NEMA 4, UL Type 4 approved and IP 66 rated to handle both tough environmental conditions and outdoor installations. The actuator operates damper sizes up to 90 square feet. For larger damper applications, two EFCX actuators can be piggyback mounted onto the same shaft or mechanically coupled jackshafts. The EFCX is the perfect solution for critical applications where maximum air flow must be achieved quickly, such as emergency generator combustion inlet dampers.

- Fast spring return time of 10 seconds @ -4°F to +122°F [-20°C to +50°C] and <15 seconds @ -22°F to -4°F [-30°C to -20°C]
- 24 VAC/DC or 120 (100-240V) VAC models
- Utilize a built-in limit end stop to match the available damper rotational travel
- Two auxiliary switches (set at 10° and 85°) to interlock motor starter start/stop function and monitor the damper open/closed position
- Actuator spring is pre-tensioned at the factory with 5° of closing rotation to provide automatic compression against damper gaskets for tight shut-off upon installation



**BELIMO**

# Reliable Performance for Critical Applications



## Universal Clamp

V bolt design, reversible, centers on 3/4" and 1.05" diameter shafts.

## Built-In Limit Stop

Limit angle of opening if required.

## 10 Second Spring Return

Fast closing or opening of dampers.

## Manual Override

Change actuator position without power for equipment servicing.



## High Torque

270 in-lbs [30 Nm], highest output available in a single actuator. Eliminates need for tandem mounting of smaller actuators.

Need higher torque? Dual mounted piggy back EFCX actuators are 540 in-lbs [60 Nm].

## 5° Pre-Tension

Default hollow axle position when delivered to provide air tight seal on dampers upon power up.

## NEMA 4 (IP 66)

Rugged aluminum housing and plastic junction box.

Two SPDT auxiliary switches for position indication and equipment start/stop interlock.



Belimo Americas

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