

Imperial [IP] Dimensions
Metric (SI) in Parentheses

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APPLICATION:

The rotary reversible damper actuator allows two position or floating control. The damper motor is CSA approved. The damper actuator slips over and locks directly to the damper drive shaft. The linear reversible drive actuator, through nickel iron or steel, oil impregnated gears, drives the damper shaft through the required angle of rotation. The actuators can be indefinitely stalled without damage.

TECHNICAL DATA:

<i>Control Voltage:</i>	24 VAC, 60 Hz.
<i>Power Consumption:</i>	4 Watts
<i>Input Motor Current:</i>	250 milliamps maximum @ rated voltage
<i>Microswitch Rating:</i>	3 amps @ 120 VAC
<i>Drive Speed:</i>	0.042 RPM (15° / Minute)
<i>Ambient Temperature:</i>	20°F — 120°F (-7°C — 49°C)
<i>Minimum Torques @ Rated Voltage:</i>	
<i>Starting:</i>	30 inch-pounds (488 Newton Meters)
<i>Running:</i>	57 inch-pounds (927 Newton Meters)
<i>Stall:</i>	64 inch-pounds (1041 Newton Meters)
<i>Rated Force @ Stall:</i>	98 pounds (1594 Newton Meters)

CONSTRUCTION:

<i>Gear Box Housing:</i>	Black Nylon 6/6, Reinforced with 33% Glass Fiber.
<i>Gearing:</i>	Nickel Iron or Steel.
<i>Drive Motor:</i>	24 volt AC, 60 Hz, 4 watt, 1 RPM, reversible, can be indefinitely stalled without damage, hardened steel pinion for maximum life.
<i>Mounting:</i>	Actuator is riveted to the side of the terminal unit through two mounting holes in the housing. Fully adjustable stops to resist damper travel from 0° to 90°. Slips directly over 3/8" (9mm) shaft.