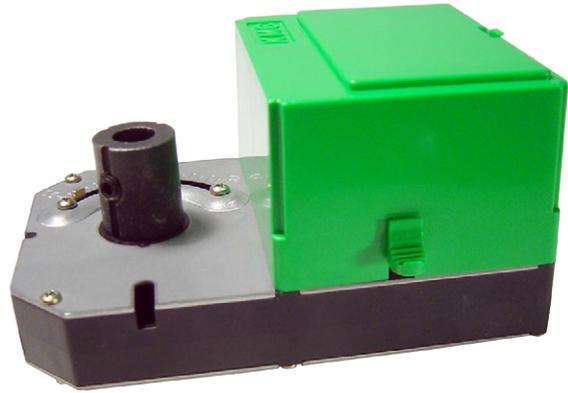


Description and Application

The MEP-5223 and MEP-5233 are replacement damper actuators designed for residential dampers. The 24 VAC, tri-state, 10 inch-lbs., direct-coupled actuator provides smooth and quiet performance, with fast, **15-second** closings and openings.

These actuators are intended for **replacement on series B and C style residential dampers** only – not the A series dampers. The MEP-5223 is intended for replacement on **round** dampers with a fully closed blade angle of 45 degrees. The MEP-5233 is intended for replacement on **rectangular** dampers with a fully closed blade angle of 90 degrees.

NOTE: See also the **MEP-4101 Fast-Acting, Tri-State, Direct-Coupled, ControlSet Actuator**.



Features

- ◆ Fast, 15-second closings and openings.
- ◆ Tri-state operation.
- ◆ Models for round (MEP-5223, 45°) and square (MEP-5233, 90°) dampers.
- ◆ 1/2" (12.7 mm) direct-coupled mounting for securing to damper blade shaft.
- ◆ Position indicator and angular rotation stop for viewing and setting minimum and maximum damper positions.
- ◆ Disengagement feature to manually position actuator and damper blade.
- ◆ Enclosure to protect wiring connections.

Models

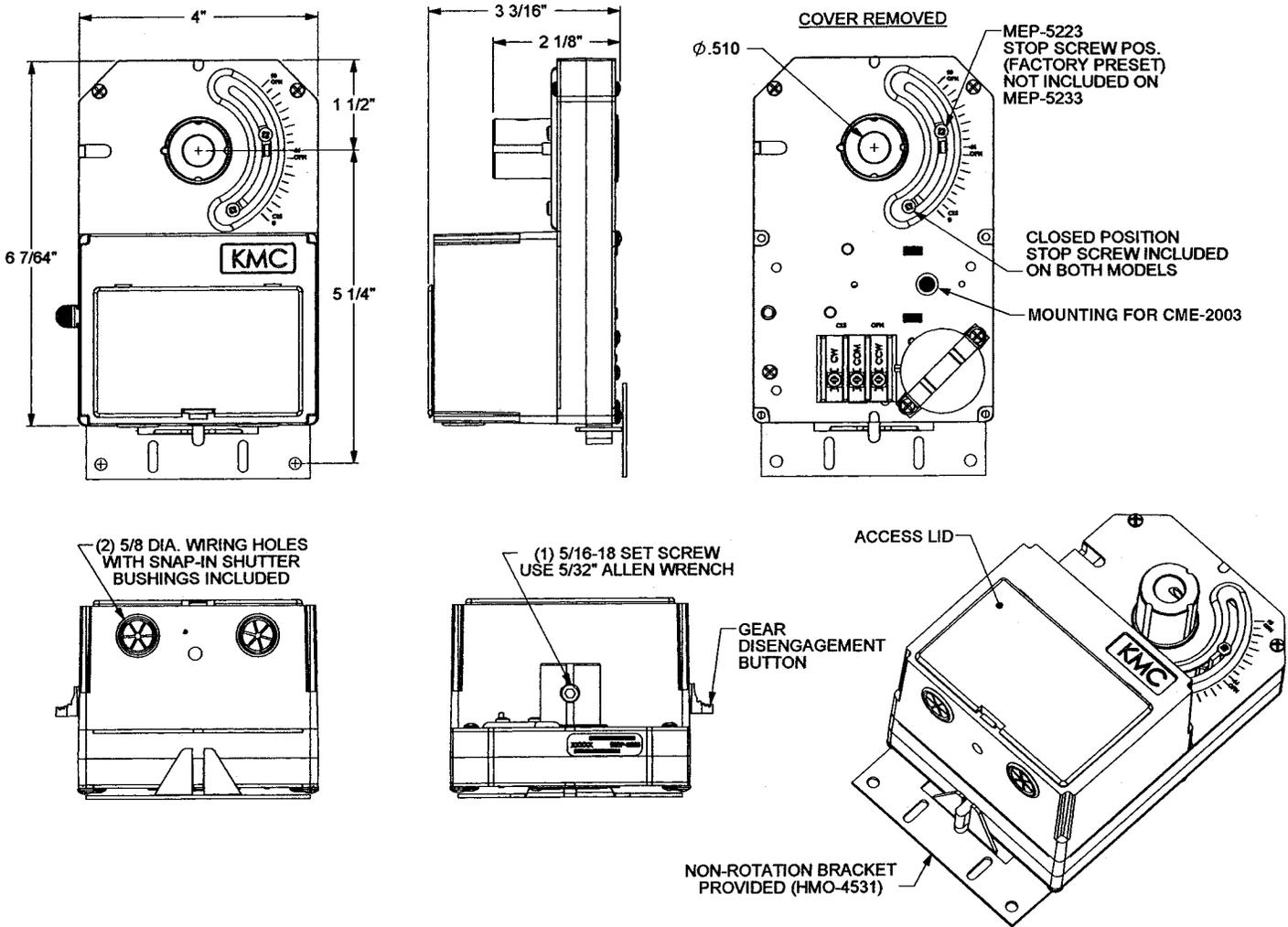
- | | |
|----------|---|
| MEP-5223 | 45-degree (3°/sec.) , replaces: <ul style="list-style-type: none"> ◆ Carrier DAMPACT45DEG ◆ Carrier 33CC500621 ◆ KMC MEP-5203-30 |
| MEP-5233 | 90-degree (6°/sec.) , replaces: <ul style="list-style-type: none"> ◆ Carrier DAMPACT90DEG ◆ Carrier 33CC500623 ◆ KMC MEP-5213-30 ◆ Johnson M9101-AGA-2N2 |

Accessories

- | | |
|----------|--|
| HCO-1151 | 12-7/16 x 7 x 3-1/4" weather enclosure |
| HFO-0011 | 3/8" shaft adapter |
| HMO-4520 | Compression connector for plenum cable |
| HMO-4531 | Replacement non-rotation bracket |

Details

All dimensions are in inches.



Specifications

Supply Power	24 VAC (+20%/-15%), Class 2 only, 2 VA maximum
Control Input	Tri-state
Motor Timing	
MEP-5223	15 seconds (3°/sec.) @ 60 Hz, 18 seconds @ 50 Hz
MEP-5233	15 seconds (6°/sec.) @ 60 Hz, 18 seconds @ 50 Hz

Angular Rotation

MEP-5223	45 degrees
MEP-5233	90 degrees

Min. Output Torque 10 in.-lb. (1.1 N•m) running

Connections Plated screw terminals for 14–22 AWG copper

Enclosure Green, flame-retardant plastic

Weight	2 lb. (0.9 kg)
Dimensions	6-7/64 H x 4 W x 3-3/16" D (155 x 102 x 81 mm)
Temperature Limits	
Operating	32 to 140° F (0 to 60° C)
Shipping	-40 to 150° F (-40 to 65° C)

KMC Controls, Inc.

19476 Industrial Drive, New Paris, IN 46553

574.831.5250

www.kmcccontrols.com

info@kmcccontrols.com