

# MOTOR OPERATORS

The Morpac Motor Operator, Type MOE, is an electrical all weather switch operating device. The standard heavy gauge aluminum cabinet has three hinged, removable doors for easy access to all wiring and components. Stainless steel cabinets are available as well. The front door padlocks shut. Opening the front door allows access to the latches for the side doors. An oversized, bolted conduit entrance panel is located on the bottom of the cabinet. Morpac's upper decoupler is used to physically separate the motor operator from the vertical operating pipe. The decoupler can be padlocked in either the open or closed position.

Morpac uses a single stage, heavy duty, sealed cycloid reducer for long maintenance-free life and extreme duty applications. The open and close limit switches are infinitely adjustable up to 360°. Operating time is from 6 to 12 seconds\* for typical 180° rotation. Full local control with pushbuttons and indicator lights are standard. Also standard are a counter, thermostatically controlled heater. Plus 8 (or 16) infinitely adjustable auxiliary switches which can be set up as form "c" or "a" and "b" types. Additional auxiliary switch stages are available. Operating voltages available are 120 or 240 VAC and 24, 48, 125 or 250 VDC. 24 and 48 VDC units can be provided with batteries and chargers if desired.

\*Faster operating times are available but not recommended for switches 115 kV and above.



## Specifications

Voltages, DC	24, 48, 125 and 250
Voltages, AC	120 and 240
Operating time	6 to 12 seconds*
Torque	20,000 pounds-inch
Rotation	Field Reversible, Up to 360 degrees
Motor	3/4 HP

## DC Motor Current Draw

<u>Voltage</u>	<u>Full Load</u>	<u>Locked Rotor</u>
24	30A	191A
48	14A	95A
125	5.2A	64A
250	2.65A	32A