The most Durable and Reliable Motor Operator available to the electrical industry.

VM-1 is a high output constant motor operator that has a rugged and versatile design with over 30 years of proven record of operation in all environments. Look to the VM-1 and you’ll find all the performance you need coupled with time reliability in all manner of installations.

FEATURES

- 20,000 lb – in of torque *
- Operating at -50c to +50c
- High efficiency gear mechanism
- Static or dynamic brake available

* Rated output, the actual available torque can be higher. Contact your Southern States local Rep for additional information.
VM-1
Motor Operator

<table>
<thead>
<tr>
<th>OUTPUT TORQUE</th>
<th>OPERATING TIME (Seconds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20000 in – lb</td>
<td>2 to 4</td>
</tr>
<tr>
<td></td>
<td>4 to 6</td>
</tr>
<tr>
<td></td>
<td>8 to 10</td>
</tr>
<tr>
<td></td>
<td>16 to 20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VOLTAGE</th>
<th>VDC</th>
<th>VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>24*</td>
<td>230</td>
<td>110</td>
</tr>
<tr>
<td>48</td>
<td>230</td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>208 - 230**</td>
<td></td>
</tr>
<tr>
<td>250</td>
<td></td>
<td>480**</td>
</tr>
</tbody>
</table>

* Available in stored energy also
** 3-phase

ADDITIONAL KEY FEATURES

- Removable hinge doors
- Formed sheet aluminum enclosure with cast aluminum gear housing
- Open/Close/Stop push buttons
- Reversing contactors (motor controller)
- Thermostatically controlled heater
- Decoupler for vertical operating pipe
- Rugged and adjustable auxiliary switches (10 pole for customer use)
- Electric motor
- Overload protection for the motor
- Fused protection of motor/control circuit and heater circuit
- Motor brake (dynamic or mechanical disc)
- Manual crank handle (insertion automatically disconnects the motor circuit)
- Venting cabinet louvers
- Power terminal block
- Galvanized steel manual swing handle for vertical operating pipe

Note: For additional and optional features please refer to VM-1 features list.