Clockwise rotation, viewed from the motor shaft, results in these waveforms.

Motor Waveforms

RESOLVER CABLE WIRING CODE

<table>
<thead>
<tr>
<th>FROM</th>
<th>WIRE COLOR</th>
<th>WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4</td>
<td>BLUE</td>
<td># 28 AWG</td>
</tr>
<tr>
<td>S3</td>
<td>BLACK</td>
<td># 28 AWG</td>
</tr>
<tr>
<td>R2</td>
<td>BLK/WHT</td>
<td># 28 AWG</td>
</tr>
<tr>
<td>S2</td>
<td>YELLOW</td>
<td># 28 AWG</td>
</tr>
<tr>
<td>S1</td>
<td>RED</td>
<td># 28 AWG</td>
</tr>
<tr>
<td>R1</td>
<td>RED/WHT</td>
<td># 28 AWG</td>
</tr>
</tbody>
</table>

MOTOR CABLE WIRING CODE

<table>
<thead>
<tr>
<th>FROM</th>
<th>WIRE COLOR</th>
<th>WIRE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOTOR M1</td>
<td>WHITE</td>
<td># 12 AWG</td>
</tr>
<tr>
<td>MOTOR M2</td>
<td>BLACK</td>
<td># 12 AWG</td>
</tr>
<tr>
<td>MOTOR M3</td>
<td>RED</td>
<td># 12 AWG</td>
</tr>
<tr>
<td>CASE</td>
<td>GREEN</td>
<td># 12 AWG</td>
</tr>
</tbody>
</table>

NOTES:

1. ROTATION: CLOCKWISE MOTOR ROTATION VIEWING DRIVE END OCCURS WHEN PHASE A LEADS PHASE B, PHASE B LEADS PHASE C.

RESOLUTION: 86 mm SPF NEMA 34 W/RESOLVER, LEADS & FLAT

DIMENSIONS IN BRACKETS (DUAL) ARE IN MILLIMETERS

DEFAULT TOLERANCES:

- INCH: ±0.03
- MILLIMETER: ±0.8

MARKS:

- ALL DIMENSIONS ARE SHOWN IN INCHES AND MILLIMETERS.
- MILLIMETER DIMENSIONS IN BRACKETS (DUAL) ARE IN MILLIMETERS.
- ALL DIMENSIONS APPLY AFTER PROCESSING.
- REMOVE BURRS & SHARP EDGES.

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REV.

CAGE CODE:

FINISH

DRAWN:

CHECKED:

APPROVED:

APPLICATION

NEXT ASSY

DIMENSIONS IN INCHES,

MILLIMETER DIMENSIONS IN [BRACKETS] WHEN USED.

MARY M. WOOD

DRAWN

CHECKED

APPROVED

APPLICATION

NEXT ASSY

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APPROVED

APPLICATION

NEXT ASSY

CAGE CODE:

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