Motor to Hall Relationship

Line Define

Power Wire
- Red: Motor U
- Yellow: Motor V
- Blue: Motor W

Feedback Wire
- Orange and black: Hall A
- Orange: Hall B
- Blue: Hall C

Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>130WD-M15030-48V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>4.7</td>
</tr>
<tr>
<td>Rated voltage (V)</td>
<td>48</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>115.5</td>
</tr>
<tr>
<td>Rated speed (rpm)</td>
<td>3000</td>
</tr>
<tr>
<td>Rated torque (NM)</td>
<td>15</td>
</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>32.4</td>
</tr>
<tr>
<td>Protection rank</td>
<td>IP65</td>
</tr>
<tr>
<td>Insulation rank</td>
<td>F</td>
</tr>
<tr>
<td>Appropriate environment</td>
<td>Temperature: 0-50℃, Humidity: &lt;90% (No dewdrop)</td>
</tr>
<tr>
<td>Motor weight (KG)</td>
<td>12</td>
</tr>
</tbody>
</table>

Motor power line: a length of 500 mm
Plug-in models: SP75-8#

Hall signal lines: a length of 500 mm
Plug-in type: DJ7061-1.5
PHASE TO GROUND VOLTAGE ROTATION CW FROM THE FLANGE

- **Motor to Hall Relationship**
  - HALL----A
  - HALL----B
  - HALL----C
  - MOTOR----U
  - MOTOR----V
  - MOTOR----W

- **Line Define**
  - Hall line colour: Red - Motor U, Yellow - Motor V, Blue - Motor W
  - Hall signal definition:
    - Orange and black: 5V
    - Orange: 0V
    - Yellow: Hall A
    - Blue: Hall B
    - Green: Hall C

- **Feedback Wire**
  - Feedback wire: Red, Yellow, Blue

- **Power Wire**
  - Motor power line: a length of 500 mm
  - Plug-in models: SP75-8#
  - Hall signal lines: a length of 500 mm
  - Plug-in type: DJ7061-1.5

- **Technical Data**
  - Type: 130WD-M15030-72V
  - Power (KW): 4.7
  - Rated voltage (V): 72
  - Rated current (A): 77
  - Rated speed (rpm): 3000
  - Rated torque (NM): 15
  - Rotor inertia (Kgm²): 32.4
  - Protection rank: IP65
  - Insulation rank: F
  - Appropriate environment: Temperature: 0~50°C
    - Humidity: <90% (No dewdrop)
  - Motor weight (KG): 12

- **Additional Information**
  - www.ato.com
  - sales@ato.com
  - Globle Shipping
  - +1 800-585-1519
Demension

Motor to Hall Relationship

Line Define

Power Wire

Feedback Wire

Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>130WD-M15030-96V</th>
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</thead>
<tbody>
<tr>
<td>Power (KW)</td>
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<tr>
<td>Rated voltage (V)</td>
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</tr>
<tr>
<td>Rated current (A)</td>
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<tr>
<td>Rated speed (rpm)</td>
<td>3000</td>
</tr>
<tr>
<td>Rated torque (NM)</td>
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</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>32.4</td>
</tr>
<tr>
<td>Protection rank</td>
<td>IP65</td>
</tr>
<tr>
<td>Insulation rank</td>
<td>F</td>
</tr>
<tr>
<td>Appropriate environment</td>
<td>Temperature: 0-50°C</td>
</tr>
<tr>
<td></td>
<td>Humidity: &lt;90% (No dewdrop)</td>
</tr>
<tr>
<td>Motor weight (KG)</td>
<td>12</td>
</tr>
</tbody>
</table>