Demension

Motor to Hall Relationship

Line Define

Power Wire

Feedback Wire

Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>130WD-M04020-24V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>0.8</td>
</tr>
<tr>
<td>Rated voltage (V)</td>
<td>24</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>41.1</td>
</tr>
<tr>
<td>Rated speed (rpm)</td>
<td>2000</td>
</tr>
<tr>
<td>Rated torque (NM)</td>
<td>4</td>
</tr>
<tr>
<td>Rotor inertia (Kgcm2)</td>
<td>10.4</td>
</tr>
<tr>
<td>Protection rank</td>
<td>IP65</td>
</tr>
<tr>
<td>Insulation rank</td>
<td>B</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>6.7</td>
</tr>
</tbody>
</table>
Motor to Hall Relationship

Line Define

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

Feedback Wire
- Orange and black: 5V 1
- Orange: 0V 2
- Yellow: Hall A 4
- Blue: Hall B 5
- Green: Hall C 6

Technical Data
- Type: 130WD-M04020-48V
- Power (KW): 0.8
- Rated voltage (V): 48
- Rated current (A): 20.5
- Rated speed (rpm): 2000
- Rated torque (NM): 4
- Rotor inertia (Kgm²): 10.4
- Protection rank: IP65
- Insulation rank: F
- Appropriate environment: Temperature: 0~50°C, Humidity: <90% (No dewdrop)
- Motor weight (KG): 6.7

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

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
### Motor to Hall Relationship

- **Hall A**
- **Hall B**
- **Hall C**

### Line Define

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

- **Feedback Wire**
  - Orange and black: Hall line A
  - Orange: Hall line B
  - Yellow: Hall line C
  - Blue: Hall line D
  - Green: Hall line E

### Feedback Wire

- Hall line A
- Hall line B
- Hall line C
- Hall line D
- Hall line E

### Feedback Wire

- Hall line A: 5V, 1
- Hall line B: 0V, 2
- Hall line C: 4
- Hall line D: 5
- Hall line E: 6

### Technical Data

- **Type**: 130WD-M04020-72V
- **Power (KW)**: 0.8
- **Rated voltage (V)**: 72
- **Rated current (A)**: 13.7
- **Rated speed (rpm)**: 2000
- **Rated torque (NM)**: 4
- **Rotor inertia (Kgcm²)**: 10.4
- **Protection rank**: IP65
- **Insulation rank**: F
- **Appropriate environment**: Temperature: 0~50°C, Humidity: <90% (No dewdrop)
- **Motor weight (KG)**: 6.7

### 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

### Dimension

- **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

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

Line Define

Power Wire

<table>
<thead>
<tr>
<th>Color</th>
<th>Plug serial number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Motor U</td>
</tr>
<tr>
<td>Yellow</td>
<td>Motor V</td>
</tr>
<tr>
<td>Blue</td>
<td>Motor W</td>
</tr>
</tbody>
</table>

Feedback Wire

<table>
<thead>
<tr>
<th>Hall line colour</th>
<th>Hall signal definition</th>
<th>Plug serial number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange</td>
<td>0V</td>
<td>2</td>
</tr>
<tr>
<td>Orange</td>
<td>5V</td>
<td>1</td>
</tr>
<tr>
<td>Yellow</td>
<td>Hall A</td>
<td>4</td>
</tr>
<tr>
<td>Blue</td>
<td>Hall B</td>
<td>5</td>
</tr>
<tr>
<td>Green</td>
<td>Hall C</td>
<td>6</td>
</tr>
</tbody>
</table>

Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>130WD-M04020-96Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>0.8</td>
</tr>
<tr>
<td>Rated voltage (V)</td>
<td>96</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>10.3</td>
</tr>
<tr>
<td>Rated speed (rpm)</td>
<td>2000</td>
</tr>
<tr>
<td>Rated torque (NM)</td>
<td>4</td>
</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>10.4</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: 0–30°C, Humidity: &lt;90% (No dewdrop)</td>
</tr>
<tr>
<td>Motor weight (KG)</td>
<td>6.7</td>
</tr>
</tbody>
</table>