Motor to Hall Relationship

Hall line
Hall signal definition

Yellow: Hall A
Blue: Hall B
Orange and black: Hall C

Feedback Wire

Hall line color | Hall signal definition | Plug serial number
--- | --- | ---
Orange and black | 5V | 1
Orange | 0V | 2
Yellow | Hall A | 4
Blue | Hall B | 5
Green | Hall C | 6

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°C, Humidity: &lt;90% (No dewdrop)</td>
</tr>
<tr>
<td>Motor weight (KG)</td>
<td>12</td>
</tr>
</tbody>
</table>

Motor to Hall Relationship

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#
**Motor to Hall Relationship**

**Line Define**

**Power Wire**

- 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**

- Red: Motor U
- Yellow: Motor V
- Blue: Motor W
- Orange and black: Motor W

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**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 (Kgcm²): 32.4
- Protection rank: IP65
- Insulation rank: F
- Appropriate environment: Temperature: 0~50℃, Humidity: <90% (No dewdrop)
- Motor weight (KG): 12

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**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

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**Phases to Ground Voltage Rotation CW From the Flange**
Motor power line: a length of 500 mm
Plug-in models: SP75-8#
Plug-in type: DJ7061-1.5

Motor to Hall Relationship

<table>
<thead>
<tr>
<th>Hall A</th>
<th>Hall B</th>
<th>Hall C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Yellow</td>
<td>Blue</td>
</tr>
</tbody>
</table>

Hall signal lines: a length of 500 mm
Plug-in type: DJ7061-1.5

Motor weight: 12 KG
Temperature: 0~50℃
Humidity: <90%
Appropriate environment: (No dewdrop)

Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>130WD-M15030-96V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>4.7</td>
</tr>
<tr>
<td>Rated voltage (V)</td>
<td>96</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>57.7</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>
</tbody>
</table>

Appropriate environment: Temperature: 0~50℃
Humidity: <90%
(No dewdrop)