PHASE TO GROUND VOLTAGE

ROTATION CW FROM THE FLANGE

Motor to Hall Relationship

Line Define

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

Feedback Wire
- Hall line colour
- Hall signal definition
- Plug serial number
- Orange: 5V 1
- Orange: 0V 2
- Yellow: Hall A 4
- Blue: Hall B 5
- Green: Hall C 6

Technical Data
- Type: 130WD-M06010-48V
- Power (KW): 0.6
- Rated voltage (V): 48
- Rated current (A): 15.4
- Rated speed (rpm): 1000
- Rated torque (NM): 6
- Rotor inertia (Kgcm²): 12.4
- Protection rank: IP65
- Insulation rank: F
- Appropriate environment: Temperature: 0 - 50°C
- Humidity: < 90% (No dewdrop)
- Motor weight (KG): 7.7

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
**Line Define**

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

**Feedback Wire**
- Orange and black: Hall signal definition
  - Orange: 0V
  - Yellow: Hall A
  - Blue: Hall B
  - Green: Hall C

**Motor to Hall Relationship**

**Technical Data**

<table>
<thead>
<tr>
<th>Type</th>
<th>130WD-M06010-72V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>0.6</td>
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<tr>
<td>Rated voltage (V)</td>
<td>72</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>10.3</td>
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<tr>
<td>Rated speed (rpm)</td>
<td>1000</td>
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<td>Rated torque (NM)</td>
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</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>12.4</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>
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<tr>
<td>Motor weight (KG)</td>
<td>7.7</td>
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**Technical Data**

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<th>130WD-M06010-96V</th>
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<td>Rated voltage (V)</td>
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<tr>
<td>Rated current (A)</td>
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<tr>
<td>Rated speed (rpm)</td>
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<tr>
<td>Rated torque (NM)</td>
<td>6</td>
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<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>12.4</td>
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<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°C
- Humidity: <90% (No dewdrop)

**Motor weight (KG)**

- 7.7

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**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: 5V, 1
  - Orange: 0V, 2
  - Yellow: Hall A, 4
  - Blue: Hall B, 5
  - Green: Hall C, 8

**Feedback Wire**

- Feedback Wire: Red, Yellow, Blue

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**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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**Dimension**

- 4\(\Phi\) 9
- 4\(\Phi\) 145
- 18, 5² 11
- 6 130
- 9² 30
- 50 ± 1
- 6.5 12.5
- 136 187 ± 1
- 0° 60° 120° 180° 240° 300° 360°

**Phase to ground voltage:**

- Rotation CW from the flange

**Motor weight:**

- 7.7