**Motor to Hall Relationship**

- **HALL----A**
- **HALL----B**
- **HALL----C**
- **MOTOR----U**
- **MOTOR----V**
- **MOTOR----W**

**Phase to Ground Voltage**

Rotation CW from the Flange

**Tecnichal Data**

- **Type**: 180WD-M25030-48V
- **Power (KW)**: 7.9
- **Rated voltage (V)**: 48
- **Rated current (A)**: 192
- **Rated speed (rpm)**: 3000
- **Rated torque (NM)**: 25
- **Rotor inertia (Kgcm²)**: 93
- **Protection rank**: IP65
- **Insulation rank**: F
- **Appropriate environment**: Temperature: 0~50℃, Humidity: <95% (No dewdrop)
- **Motor weight (KG)**: 26

**Line Define**

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

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

**Technical Data**

- **Motor power line**: a length of 500 mm
  - Plug-in type: OT-200A
- **Hall signal lines**: a length of 500 mm
  - Plug-in type: DJ7061-1.5

**Dimension**

- Motor weight (KG): 26
- Temperature: 0~50℃
- Humidity: <95%
  - (No dewdrop)
Motor to Hall Relationship

<table>
<thead>
<tr>
<th>Hall Signal Definition</th>
<th>Motor U</th>
<th>Motor V</th>
<th>Motor W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange</td>
<td>Hall A</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Orange</td>
<td>Hall B</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td>Hall C</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td>Hall D</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td>Hall E</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td>Hall F</td>
<td>6</td>
<td></td>
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</tbody>
</table>

PHASE TO GROUND VOLTAGE

ROTATION CW FROM THE FLANGE

Motor power line: a length of 500 mm
Plug-in models: OT-200A

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: OT-200A

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

Type | 180WD-M25030-72V
--- | ---
Power (KW) | 7.9
Rated voltage (V) | 72
Rated current (A) | 128
Rated speed (rpm) | 3000
Rated torque (NM) | 25
Rotor inertia (Kgcm²) | 93
Protection rank | IP65
Insulation rank | F
Appropriate environment Temperature: 0~50°C Humidity: <90% (No droppage)
Motor weight (KG) | 26
### Demension

- **Motor to Hall Relationship**
- **Line Define**
  - **Power Wire**
    - Red: Motor U
    - Yellow: Motor V
    - Blue: Motor W

- **Feedback Wire**
  - Hall line
    - Orange and black
    - Orange
    - Yellow
    - Blue
    - Green
  - Hall signal definition
    - Hall A
    - Hall B
    - Hall C
  - Plug serial number
    - 1
    - 2
    - 4
    - 5
    - 6

### Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>180WD-M25030-96V</th>
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<tbody>
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<td>Power (KW)</td>
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<tr>
<td>Rated voltage (V)</td>
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<tr>
<td>Rated current (A)</td>
<td>96</td>
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<tr>
<td>Rated speed (rpm)</td>
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<tr>
<td>Rated torque (NM)</td>
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</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>93</td>
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<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>26</td>
</tr>
</tbody>
</table>

- **Motor power line**: a length of 500 mm
  - Plug-in models: OT-200A
- **Hall signal lines**: a length of 500 mm
  - Plug-in type: DJ7061-1.5