Line Define

Motor to Hall Relationship

Power 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 and black</td>
<td>6V</td>
<td>1</td>
</tr>
<tr>
<td>Orange</td>
<td>0V</td>
<td>2</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>

Feedback 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

<table>
<thead>
<tr>
<th>Type</th>
<th>130WD-M07720-24V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>1.6</td>
</tr>
<tr>
<td>Rated voltage (V)</td>
<td>24</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>79</td>
</tr>
<tr>
<td>Rated speed (rpm)</td>
<td>2000</td>
</tr>
<tr>
<td>Rated torque (NM)</td>
<td>7.7</td>
</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>15.8</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>9.05</td>
</tr>
</tbody>
</table>
Motor Power Line: a length of 500 mm
Plug-in model: 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

Motor Phases:
- MOTOR----U
- MOTOR----V
- MOTOR----W

PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

Technical Data

- Type: 130WD-M07720-48V
- Power (KW): 1.6
- Rated voltage (V): 48
- Rated current (A): 39.5
- Rated speed (rpm): 2000
- Rated torque (NM): 7.7
- Rotor inertia (Kgcm²): 15.8
- Protection rank: IP65
- Insulation rank: F
- Operating temperature: 0~50°C
- Humidity: <90% (No dewdrop)
- Motor weight (KG): 9.05

Power Wire

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

Feedback Wire

- Orange and black: Hall A
- Orange: 0V
- Yellow: Hall B
- Blue: Hall C
- Green: Hall C

Plug serial number:
- Orange and black: 1
- Orange: 2
- Yellow: 4
- Blue: 5
- Green: 6

Dimensions:

- Motor power line: a length of 500 mm
- Hall signal lines: a length of 500 mm

Line Define

- Hall line
- Colour
- Definition

Motor weight: 9.05 KG
Motor to Hall Relationship

PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

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#

Motor weight: 9.05 KG

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

HALL----A
Hall line
colour
Green
Yellow
Blue
Orange and black
Red
Motor U
Yellow
Motor V
Blue
Motor W

Hall signal definition
5V
0V
Hall A
Hall B
Hall C

Power Wire

Feedback Wire

Type
Red
Yellow
Blue
Motor
Motor U
Motor V
Motor W

Hall line
colour
Orange
Orange
Yellow
Blue
Green
black

5V
0V
Hall A
Hall B
Hall C

Plug serial number
1
2
4
5
6

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

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

Motor weight: 9.05 KG

Power (KW)
1.6

Type
130WD-M07720-72V

Rated voltage (V)
72

Rated current (A)
26.3

Rated speed (rpm)
2000

Rated torque (NM)
7.7

Rotor inertia (Kgcm²)
15.8

Protection rank
IP65

Insulation rank
F

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

<table>
<thead>
<tr>
<th>Type</th>
<th>130WD-M07720-96V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>1.6</td>
</tr>
<tr>
<td>Rated voltage (V)</td>
<td>96</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>19.8</td>
</tr>
<tr>
<td>Rated speed (rpm)</td>
<td>2000</td>
</tr>
<tr>
<td>Rated torque (NM)</td>
<td>7.7</td>
</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>15.8</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>9.05</td>
</tr>
</tbody>
</table>

### 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**
  - Hall line colour:
    - Orange and black: 5V
    - Orange: 0V
    - Yellow: Hall A
    - Blue: Hall B
    - Green: Hall C
  - Hall signal definition:
    - Trig: 1
    - Feedback wire:
      - Red: Motor U
      - Yellow: Motor V
      - Blue: Motor W

### Feedback Wire

- Hall line colour:
  - Orange and black: 5V
  - Orange: 0V
  - Yellow: Hall A
  - Blue: Hall B
  - Green: Hall C
- Hall signal definition:
  - Trig: 1
- Plug serial number:
  - 1

### Feedback Wire

- Hall line colour:
  - Orange and black: 5V
  - Orange: 0V
  - Yellow: Hall A
  - Blue: Hall B
  - Green: Hall C
- Hall signal definition:
  - Trig: 1
- Plug serial number:
  - 1

### Feedback Wire

- Hall line colour:
  - Orange and black: 5V
  - Orange: 0V
  - Yellow: Hall A
  - Blue: Hall B
  - Green: Hall C
- Hall signal definition:
  - Trig: 1
- Plug serial number:
  - 1