Motor to Hall Relationship

Line Define

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

Feedback Wire
- Orange and black: Hall A
- Orange: Hall B
- Yellow: Hall C

Motor to Hall Relationship

PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

Motor power line: a length of 500 mm
Plug-in models: OT-150A

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-150A

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

Tecnichal Data

<table>
<thead>
<tr>
<th>Type</th>
<th>180WD-M36020-48V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>7.5</td>
</tr>
<tr>
<td>Rated voltage (V)</td>
<td>48</td>
</tr>
<tr>
<td>Rated current (A)</td>
<td>185</td>
</tr>
<tr>
<td>Rated speed (rpm)</td>
<td>2000</td>
</tr>
<tr>
<td>Rated torque (NM)</td>
<td>56</td>
</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>148</td>
</tr>
<tr>
<td>Protection rank</td>
<td>IP65</td>
</tr>
<tr>
<td>Insulation rank</td>
<td>F</td>
</tr>
<tr>
<td>Temperature:</td>
<td>0 ~ 50°C</td>
</tr>
<tr>
<td>Humidity:</td>
<td>&lt;90% (No dewdrop)</td>
</tr>
<tr>
<td>Motor weight (KG)</td>
<td>30</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: Hall signal definition (5V, 0V)
- Orange: Hall A
- Yellow: Hall B
- Blue: Hall C
- Green: Hall C

**Technical Data**

<table>
<thead>
<tr>
<th>Type</th>
<th>180WD-M36020-72V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power (KW)</td>
<td>7.5</td>
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<tr>
<td>Rated voltage (V)</td>
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</tr>
<tr>
<td>Rated current (A)</td>
<td>123</td>
</tr>
<tr>
<td>Rated speed (rpm)</td>
<td>2000</td>
</tr>
<tr>
<td>Rated torque (NM)</td>
<td>36</td>
</tr>
<tr>
<td>Rotor inertia (Kgcm²)</td>
<td>148</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>30</td>
</tr>
</tbody>
</table>
Demension

Motor to Hall Relationship

Line Define

Power Wire

Feedback Wire

Technical Data

Motor power line: a length of 500 mm
Plug-in models: OT-150A

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

Motor to Hall Relationship

PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

180WD-M36020-96V

Type

Power (KW)
7.5
Rated voltage (V)
96
Rated current (A)
92
Rated speed (rpm)
2000
Rated torque (NM)
36
Rotor inertia (Kgcm²)
148
Protection rank
IP65
Insulation rank
F
Appropriate environment
Temperature: 0 ~ 50°C
Humidity: <90%
(No dewdrop)
Motor weight (KG)
30

Red
Yellow
Blue
Hall line colour
Motor U
Motor V
Motor W
Hall signal definition
Plug serial number
Hall line
Hall signal
5V
0V
Green
Hall C
6
Orange and black
Orange
Yellow
Hall A
Hall B
Hall C

Motor weight
30
Temperature: 0 ~ 50°C
Humidity: <90%
(No dewdrop)

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