# Hybrid Stepper Motor

**KL23H276-30-8B**

<table>
<thead>
<tr>
<th></th>
<th>STEP DEG/STEP</th>
<th>VOLTAGE</th>
<th>CURRENT</th>
<th>RESISTANCE</th>
<th>INDUCTANCE</th>
<th>HOLDING</th>
<th>ROTOR</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unipolar</td>
<td>1.8</td>
<td>2.76</td>
<td>3.0</td>
<td>0.92</td>
<td>2.2</td>
<td>200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bipolar (Series)</td>
<td>1.8</td>
<td>3.86</td>
<td>2.1</td>
<td>1.84</td>
<td>8.8</td>
<td>480</td>
<td>1.0</td>
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<tr>
<td>Bipolar (Parallel)</td>
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<td>1.93</td>
<td>4.2</td>
<td>0.46</td>
<td>2.2</td>
<td>282</td>
<td></td>
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</tr>
</tbody>
</table>

**UL 1430 AWG 22#**

**Notes:** black end cap

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**Bipolar (Parallel) Connection**

- Blue to A+
- Red to A-
- Yellow to A-
- Green to A-
- Brown & Orange to B+
- Black & White to B-

**Bipolar (Series) Connection**

- Blue to A+
- Red to A-
- Yellow to A-
- Green to A-
- Black to B+
- White to B-
- Red & Yellow to COM
- Black & Orange to COM

**Unipolar Connection**

- Blue to A+
- Red to A-
- Yellow to A-
- Green to A-
- Black to B+
- White to B-
- Red & Yellow to COM
- Black & Orange to COM

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**Diagram:**

- Dimensions and connections for the motor and its components.

**UL1430-AWG20#LENGTH320mm**