### Front view and mounting

- Dimensions: 42\(\times\)31.02
- Depth: 4.5 MIN.
- Threads: 4-M3x0.5

### Side view

- Dimensions: 24x24.5
- Depth: 0.1
- Threads: M3x0.5

### Rear view

- Dimensions: 19.05
- Depth: 2 MIN.
- Threads: 2-M2.5x0.45

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### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Bipolar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage (VDC)</td>
<td>1.7</td>
</tr>
<tr>
<td>Current (A)</td>
<td>1.4</td>
</tr>
<tr>
<td>Resistance/Phase (Ohm)</td>
<td>1.2(\pm)15%</td>
</tr>
<tr>
<td>Inductance/Phase (mH)</td>
<td>1.7(\pm)20%</td>
</tr>
<tr>
<td>Holding Torque (Nm)</td>
<td>0.218(\pm)1.912</td>
</tr>
<tr>
<td>Detent Torque (Nm)</td>
<td>0.98x10^-2(\pm)8.67x10^-2</td>
</tr>
<tr>
<td>Step Angle (°)</td>
<td>1.8</td>
</tr>
<tr>
<td>Step Accuracy (Non-Accum)</td>
<td>5%</td>
</tr>
<tr>
<td>Rotor Inertia (Kg-m^2)</td>
<td>4.8x10^-4(\pm)0.0164</td>
</tr>
<tr>
<td>Weight (Kg)</td>
<td>0.27</td>
</tr>
</tbody>
</table>

### Temperature Rise

- Max. 80°C (Motor Standstill for 2 Phase Energized)
- Ambient Temperature: -10° to 50°C (14°F to 122°F)
- Insulation Resistance: 100 MΩ/m at 85°C (Normal Temperature and Humidity)
- Insulation Class: B (130°C/260°F)
- Electric Strength: 500VAC for 1 Min. (Between Motor and Motor Case)
- Ambient Humidity: Max. 85% (No Condensation)

### Full Step 2 Phase - Ex., When Facing Mounting End (X)

- Wire Connections:
  - A \(-\) BRN
  - A\(\backslash\) \(-\) ORG
  - B \(-\) RED
  - B\(\backslash\) \(-\) YEL

### Stepping Motor

- Model: ST4018M1404
- Motor Type: Bipolar
- Leads: A, A\(\backslash\), B, B\(\backslash\)
- Winding: CCW

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**S.K.** 26.04.06

**ST4018M1404**