2-Phase Hybrid Stepping Motor
KF42 Series

**FEATURES**
- A motor size down, achieving the torque of one size up.
- Expanding the rotor diameter to its maximum limit within a new "flattened" structure allows the motor profile to be maintained.
- Large Rotor
- High Torque

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>STEP ANGLE</th>
<th>VOLTAGE</th>
<th>CURRENT</th>
<th>WINDING RESISTANCE</th>
<th>INDUCTANCE</th>
<th>HOLDING TORQUE</th>
<th>ROTOR INERTIA</th>
<th>MODEL</th>
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</thead>
<tbody>
<tr>
<td>°/step</td>
<td>V/PHASE</td>
<td>A/PHASE</td>
<td>Ω/PHASE</td>
<td>mH/PHASE</td>
<td>mN・m</td>
<td>g・cm²</td>
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<td>4.1</td>
<td>1.0</td>
<td>4.1</td>
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<td>70</td>
<td>KF4234-EN2B801</td>
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<td>2.2</td>
<td>2.7</td>
<td>400</td>
<td>100</td>
<td>KF4239-EN2B801</td>
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**APPLICATIONS**
- OA
- FA
- Money-handling & Banking equipment
- Medical Devices

**DIMENSIONS**
Unit = mm (inch)

The KF42 motor is supplied without a leadwire assembly. This must be ordered as a separate part.

**OPTION (Leadwire Assembly)**
MODEL: KV42LBS300

**CONNECTOR SPECIFICATIONS**
- Make: JST
- Applicable Housing: PHR-6
- Applicable Terminal: SPH-002T-P0.5S
- Lead Wire: UL3266 AWG26