5 Nm 2.7 and 3.5 Watts 3.5 Watts Part number made to order

- Mechanical strength : 5 Nm
- Constant speed, dependent on supply frequency
- Direction of rotation controlled by dephasing capacitor
- Permanent magnet rotor
- UL, CSA approved ; comply with IEC standards

### Part numbers

<table>
<thead>
<tr>
<th>Type</th>
<th>Voltage / Frequency</th>
<th>Base speed of motor (rpm)</th>
<th>Output speed (rpm)</th>
<th>Ratios</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 527 005</td>
<td>3.5 Watts</td>
<td>230-240 V / 50 Hz</td>
<td>250</td>
<td>2</td>
</tr>
</tbody>
</table>

### Specifications

- **Motor**: 82 520 0
- **Gearbox**: 81 037 0
- **Maximum permitted continuous rated gearbox output torque for 1 million revolutions of gearbox output shaft (Nm)**: 5
- **Axial load static (daN)**: 2
- **Radial load static (daN)**: 3
- **Absorbed power (W)**: 3.5
- **Motors output (W)**: 0.98
- **Maximum temperature rise (°C)**: 50
- **Ambient temperature (°C)**: -10 → +70
- **Weight (g)**: 530
- **Wires length mm (approximately)**: 250
- **Protection rating**: IP40

### Accessories

<table>
<thead>
<tr>
<th>Voltages/Frequencies</th>
<th>µF</th>
<th>V AC</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacitors for motor 82 520 0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>230-240 V - 50 Hz</td>
<td>0.1 ± 10 %</td>
<td>500</td>
<td>26 231 941</td>
</tr>
<tr>
<td>115 V - 60 Hz</td>
<td>0.33 ± 10 %</td>
<td>400</td>
<td>26 231 801</td>
</tr>
<tr>
<td>24 V - 50 Hz</td>
<td>8.2 ± 10 %</td>
<td>63</td>
<td>26 231 711</td>
</tr>
</tbody>
</table>

### Dimensions (mm)

80 517 0 - 80 527 0

N° | Legend |
---|--------|
1 | 4 holes M4 depth 12 |
4 | 7 across flat |

Unless otherwise specified, the characteristics given are applicable to all or part of the product range selected
Dimensions (mm)

Shaft 79 206 478

- L1 = 55.3 mm Ø
- L2 = 35.8 mm
- L3 = 21.7 mm

Shaft 80 527 0

- L1 = 59.2 mm Ø
- L2 = 51.3 mm
- L3 = 25.6 mm

Curves

Torque/speed curves 80 527 0

Connections

In parallel
Motors 82 510 0 - 82 520 0
Product adaptations

- Different voltages available
- Special cable lengths
- Special connectors
- Special output shafts
- Special gearbox ratios
- Special gear wheel material
- Special output bearings

Legend

<table>
<thead>
<tr>
<th>Nº</th>
<th>Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SA : clockwise</td>
</tr>
<tr>
<td>2</td>
<td>SI : anti-clockwise</td>
</tr>
</tbody>
</table>

Unless otherwise specified, the characteristics given are applicable to all or part of the product range selected