Hypoid Motor TA Series Outline Dimensions

Hollow shaft type 0.1 kW • Brake type

**HYPOID MOTOR TA Outline Dimensions • brake type/Hollow**

**B-1 0.1kW HMTA010-30H5~200B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200
- Approx. weight: 10.6kg
- Reference page: Specification Chart → P131 Options → P184

**B-2 0.1kW HMTA010-30H300~480B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 300, 360, 480
- Approx. weight: 12.7kg
- Reference page: Specification Chart → P131 Options → P184

**B-3 0.1kW HMTA010-35H600~1200B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 600, 720, 960, 1200
- Approx. weight: 15.6kg
- Reference page: Specification Chart → P131 Options → P184

Note: The dimension marked with ※ indicates that part of the motor protrudes from the mounting surface.
Hypoid Motor TA Series Outline Dimensions

Hollow shaft type 0.2 kW • Brake type

**B-4 0.2kW HMTA020-30H5~200B**

- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200
- Approx. weight: 10.9 kg
- Reference page: Specification Chart—P131 Options—P184

**B-5 0.2kW HMTA020-35H300~480B**

- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 300, 360, 480
- Approx. weight: 16.1 kg
- Reference page: Specification Chart—P131 Options—P184

**B-6 0.2kW HMTA020-45H600~1200B**

- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 600, 720, 960, 1200
- Approx. weight: 23.4 kg
- Reference page: Specification Chart—P131 Options—P184

Note: The dimension marked with ※ indicates that part of the motor protrudes from the mounting surface.
## Hypoid Motor TA Series Outline Dimensions

### B-7 0.4kW HMTA040-30H5~50B

- **Reduction ratio**: 5, 10, 15, 20, 25, 30, 40, 50
- **Approx. weight**: 11.7kg
- **Reference page**: Specification Chart - P132 Options - P184

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

### B-8 0.4kW HMTA040-35H60~200B

- **Reduction ratio**: 60, 80, 100, 120, 160, 200
- **Approx. weight**: 16.5kg
- **Reference page**: Specification Chart - P132 Options - P184

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

### B-9 0.4kW HMTA040-45H300~480B

- **Reduction ratio**: 300, 360, 480
- **Approx. weight**: 28.5kg
- **Reference page**: Specification Chart - P132 Options - P184

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

### B-10 0.4kW HMTA040-55H600~1200B

- **Reduction ratio**: 600, 720, 960, 1200
- **Approx. weight**: 55.1kg
- **Reference page**: Specification Chart - P132 Options - P184

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

---

**Note**: The dimension marked with ★ indicates that part of the motor protrudes from the mounting surface.
Hypoid Motor TA Series Outline Dimensions

**HMTA075-35H5~50B**

- **Reduction ratio**: 5, 10, 15, 20, 25, 30, 40, 50
- **Approx. weight**: 21.0 kg
- **Reference page**: Specification Chart + P132, Options + P184

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

**B-11 0.75 kW**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-M10 bolt through-hole</td>
<td></td>
</tr>
<tr>
<td>Opposite side: M12 TAP 46 DEEP</td>
<td></td>
</tr>
</tbody>
</table>

**HMTA075-45H60~200B**

- **Reduction ratio**: 60, 80, 100, 120, 160, 200
- **Approx. weight**: 25.5 kg
- **Reference page**: Specification Chart + P132, Options + P184

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

**B-12 0.75 kW**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-M12 bolt through-hole</td>
<td></td>
</tr>
<tr>
<td>Opposite side: M16 TAP 44 DEEP</td>
<td></td>
</tr>
</tbody>
</table>

**HMTA075-55H300~480B**

- **Reduction ratio**: 300, 360, 480
- **Approx. weight**: 63.5 kg
- **Reference page**: Specification Chart + P132, Options + P184

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

**B-13 0.75 kW**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-M16 bolt through-hole</td>
<td></td>
</tr>
<tr>
<td>Opposite side: M20 TAP 52 DEEP</td>
<td></td>
</tr>
</tbody>
</table>
Hypoid Motor TA Series Outline Dimensions

Hollow shaft type 1.5 • 2.2 kW • Brake type

HYPOID MOTOR TA Outline Dimensions ● brake type/Hollow

<table>
<thead>
<tr>
<th>Code</th>
<th>Power</th>
<th>Model</th>
<th>Reduction ratio</th>
<th>Approx. weight</th>
<th>Reference page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-14</td>
<td>1.5kW</td>
<td>HMTA150-45H5~80B</td>
<td>5, 10, 15, 20, 25, 30, 40, 50, 60, 80</td>
<td>34.0kg</td>
<td>Specification Chart→P133 Options→P184</td>
</tr>
<tr>
<td>B-15</td>
<td>1.5kW</td>
<td>HMTA150-55H100~200B</td>
<td>100, 120, 160, 200</td>
<td>62.0kg</td>
<td>Specification Chart→P133 Options→P184</td>
</tr>
<tr>
<td>B-16</td>
<td>2.2kW</td>
<td>HMTA220-45H5~60B</td>
<td>5, 10, 15, 20, 25, 30, 40, 50, 60</td>
<td>39.0kg</td>
<td>Specification Chart→P133 Options→P184</td>
</tr>
</tbody>
</table>

Note) The dimension marked with ✠ indicates that part of the motor protrudes from the mounting surface.
Hypoid Motor TA Series Outline Dimensions
Hollow shaft type 2.2 · 3.7 · 5.5 kW · Brake type

<table>
<thead>
<tr>
<th>B-17 2.2kW</th>
<th>HMTA220-55H80~120B</th>
<th>The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 80, 100, 120</td>
<td>Approx. weight: 66.0kg</td>
<td>Reference page: Specification Chart + P133 Options + P184</td>
</tr>
<tr>
<td><img src="image1" alt="" /></td>
<td><img src="image2" alt="" /></td>
<td>Details of hollow shaft</td>
</tr>
</tbody>
</table>

**Note:** For 400 V, the DC module is incorporated in the terminal box.

<table>
<thead>
<tr>
<th>B-18 3.7kW</th>
<th>HMTA370-55H5~60B</th>
<th>The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60</td>
<td>Approx. weight: 78.0kg</td>
<td>Reference page: Specification Chart + P133 Options + P184</td>
</tr>
<tr>
<td><img src="image3" alt="" /></td>
<td><img src="image4" alt="" /></td>
<td>Details of hollow shaft</td>
</tr>
</tbody>
</table>

**Note:** The dimension marked with ※ indicates that part of the motor protrudes from the mounting surface.

<table>
<thead>
<tr>
<th>B-19 5.5kW</th>
<th>HMTA550-55H5~40B</th>
<th>The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 5, 10, 15, 20, 25, 30, 40</td>
<td>Approx. weight: 103.0kg</td>
<td>Reference page: Specification Chart + P133 Options + P184</td>
</tr>
<tr>
<td><img src="image5" alt="" /></td>
<td><img src="image6" alt="" /></td>
<td>Details of hollow shaft</td>
</tr>
</tbody>
</table>

※ We can make it to order on short lead times.
Hypoid Motor TA Series Outline Dimensions
Hollow shaft type 100 W - Brake type

**B-20 100W HMTA100-30H5～200B**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200
- Approx. weight: 10.8kg
- Reference page: Specification Chart→P134 Options→P184

Details of hollow output shaft

**B-21 100W HMTA100-30H300～480B**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 300, 360, 480
- Approx. weight: 13.5kg
- Reference page: Specification Chart→P134 Options→P184

Details of hollow output shaft

**B-22 100W HMTA100-35H600～1200B**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 600, 720, 960, 1200
- Approx. weight: 16.4kg
- Reference page: Specification Chart→P134 Options→P184

Details of hollow output shaft

Note: The dimension marked with * indicates that part of the motor protrudes from the mounting surface.
Hypoid Motor TA Series Outline Dimensions
Hollow shaft type 200 W · Brake type

**HYPOID MOTOR TA Outline Dimensions ● brake type/Hollow**

**B-23 200W**
HMTA200-30H5~200B
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200
Approx. weight: 12.4kg
Reference page: Specification Chart→P134 Options→P184

![Diagram](image)

**B-24 200W**
HMTA200-35H300~480B
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
Reduction ratio: 300, 360, 480
Approx. weight: 18.2kg
Reference page: Specification Chart→P134 Options→P184

![Diagram](image)

**B-25 200W**
HMTA200-45H600~1200B
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
Reduction ratio: 600, 720, 960, 1200
Approx. weight: 25.5kg
Reference page: Specification Chart→P134 Options→P184

![Diagram](image)

*Note) The dimension marked with * indicates that part of the motor protrudes from the mounting surface.*
Hypoid Motor TA Series Outline Dimensions

Foot mount type 0.1 kW • Brake type

**B-26** 0.1kW HMTA010-19L5~50 \(\frac{1}{2}B\)

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

<table>
<thead>
<tr>
<th>B-26 0.1kW HMTA010-19L5~50 (\frac{1}{2}B)</th>
<th>L</th>
<th>T</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50</td>
<td>303</td>
<td>186.5</td>
<td>186.5</td>
</tr>
<tr>
<td>Approx. weight: 7.0kg</td>
<td>62.5</td>
<td>55</td>
<td>37</td>
</tr>
<tr>
<td>Reference page: Specification Chart → P131</td>
<td>72</td>
<td>55</td>
<td>37</td>
</tr>
</tbody>
</table>

**B-27** 0.1kW HMTA010-24L60~200 \(\frac{1}{2}B\)

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

<table>
<thead>
<tr>
<th>B-27 0.1kW HMTA010-24L60~200 (\frac{1}{2}B)</th>
<th>L</th>
<th>T</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 60, 80, 100, 120, 160, 200</td>
<td>335</td>
<td>157.5</td>
<td>157.5</td>
</tr>
<tr>
<td>Approx. weight: 12.4kg</td>
<td>88</td>
<td>55</td>
<td>55</td>
</tr>
<tr>
<td>Reference page: Specification Chart → P131</td>
<td>150</td>
<td>37</td>
<td>37</td>
</tr>
</tbody>
</table>

**B-28** 0.1kW HMTA010-28L300~480 \(\frac{1}{2}B\)

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

<table>
<thead>
<tr>
<th>B-28 0.1kW HMTA010-28L300~480 (\frac{1}{2}B)</th>
<th>L</th>
<th>T</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 300, 360, 480</td>
<td>117</td>
<td>117</td>
<td>117</td>
</tr>
<tr>
<td>Approx. weight: 14.6kg</td>
<td>114</td>
<td>42</td>
<td>42</td>
</tr>
<tr>
<td>Reference page: Specification Chart → P131</td>
<td>114</td>
<td>37</td>
<td>37</td>
</tr>
</tbody>
</table>

**B-29** 0.1kW HMTA010-38L600~1200 \(\frac{1}{2}B\)

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

<table>
<thead>
<tr>
<th>B-29 0.1kW HMTA010-38L600~1200 (\frac{1}{2}B)</th>
<th>L</th>
<th>T</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 600, 720, 960, 1200</td>
<td>169</td>
<td>117</td>
<td>117</td>
</tr>
<tr>
<td>Approx. weight: 18.4kg</td>
<td>140</td>
<td>140</td>
<td>140</td>
</tr>
<tr>
<td>Reference page: Specification Chart → P131</td>
<td>106</td>
<td>106</td>
<td>106</td>
</tr>
</tbody>
</table>

Note) For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

**Foot mount type 0.2 kW • Brake type**

### B-30 0.2kW

**HMTA020-19L5~50 \( \frac{1}{2} \)B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50
- Approx. weight: 7.5kg
- Reference page: Specification Chart-P131

### B-31 0.2kW

**HMTA020-28L60~200 \( \frac{1}{2} \)B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 60, 80, 100, 120, 160, 200
- Approx. weight: 12.5kg
- Reference page: Specification Chart-P131

### B-32 0.2kW

**HMTA020-38L300~480 \( \frac{1}{2} \)B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 300, 360, 480
- Approx. weight: 18.5kg
- Reference page: Specification Chart-P131

### B-33 0.2kW

**HMTA020-42L600~1200 \( \frac{1}{2} \)B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 600, 720, 960, 1200
- Approx. weight: 28.4kg
- Reference page: Specification Chart-P131

*Note:* For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

Foot mount type 0.4 kW - Brake type

**B-34 0.4kW HMTA040-24L5～50B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50
- Approx. weight: 10.2kg
- Reference page: Specification Chart→P132

**B-35 0.4kW HMTA040-38L60～200B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 60, 80, 100, 120, 160, 200
- Approx. weight: 19.3kg
- Reference page: Specification Chart→P132

**B-36 0.4kW HMTA040-42L300～480B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 300, 360, 480
- Approx. weight: 34.2kg
- Reference page: Specification Chart→P132

**B-37 0.4kW HMTA040-50L600～1200B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 600, 720, 960, 1200
- Approx. weight: 78.3kg
- Reference page: Specification Chart→P132

Note: For output shaft arrangement “T,” the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

**Foot mount type 0.75 kW • Brake type**

**HYPOID MOTOR TA Outline Dimensions ● brake type/Foot mount**

### B-38 0.75kW

**HMTA075-30L5~50L5B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50
- Approx. weight: 17.5kg
- Reference page: Specification Chart→P132

![Image of B-38 HMTA075-30L5~50L5B](image)

### B-39 0.75kW

**HMTA075-42L60~200L60B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 60, 80, 100, 120, 160, 200
- Approx. weight: 31.0kg
- Reference page: Specification Chart→P132

![Image of B-39 HMTA075-42L60~200L60B](image)

### B-40 0.75kW

**HMTA075-50L300~480L300B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 300, 360, 480
- Approx. weight: 86.5kg
- Reference page: Specification Chart→P132

![Image of B-40 HMTA075-50L300~480L300B](image)

Note: For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

Foot mount type 1.5 - 2.2 kW · Brake type

**B-41 1.5kW**

HMTA150-42L5~80

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80
- Approx. weight: 40.0kg
- Reference page: Specification Chart → P133

**B-42 1.5kW**

HMTA150-50L100~200

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 100, 120, 160, 200
- Approx. weight: 86.0kg
- Reference page: Specification Chart → P133

**B-43 2.2kW**

HMTA220-42L5~60

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60
- Approx. weight: 44.0kg
- Reference page: Specification Chart → P133

Note) For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.

Note) Part of the motor protrudes from the foot undersurface in drawings B-41 and B-43. It is possible to manufacture a motor without protrusion, in which case some dimensions such as the height changes. Please contact us for more information.
Hypoid Motor TA Series Outline Dimensions

**Foot mount type 2.2 • 3.7 • 5.5 kW • Brake type**

**HYPOID MOTOR TA Outline Dimensions ● brake type/Foot mount**

### B-44 2.2kW

**HMTA220-50L80~120 ½B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

**Reduction ratio**: 80, 100, 120

**Approx. weight**: 89.0kg

**Reference page**: Specification Chart–P133

Note) For 400 V, the DC module is incorporated in the terminal box.

### B-45 3.7kW

**HMTA370-50L5~60 ½B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

**Reduction ratio**: 5, 10, 15, 20, 25, 30, 40, 50, 60

**Approx. weight**: 101.9kg

**Reference page**: Specification Chart–P133

### B-46 5.5kW

**HMTA550-50L5~40 ½B**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

**Reduction ratio**: 5, 10, 15, 20, 25, 30, 40

**Approx. weight**: 126.9kg

**Reference page**: Specification Chart–P133

Note) For output shaft arrangement “T,” the phases of the right and left output shaft key ways are not necessarily aligned precisely.

Note) We can make it to order on short lead times.
Hypoid Motor TA Series Outline Dimensions

**B-47 100W HMTA100-19L5~50 LB**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- **Reduction ratio:** 5, 10, 15, 20, 25, 30, 40, 50
- **Approx. weight:** 7.6kg
- **Reference page:** Specification Chart • P134

**B-48 100W HMTA100-24L60~200 LB**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- **Reduction ratio:** 60, 80, 100, 120, 160, 200
- **Approx. weight:** 12.4kg
- **Reference page:** Specification Chart • P134

**B-49 100W HMTA100-28L300~480 LB**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- **Reduction ratio:** 300, 360, 480
- **Approx. weight:** 14.8kg
- **Reference page:** Specification Chart • P134

**B-50 100W HMTA100-38L600~1200 LB**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- **Reduction ratio:** 600, 720, 960, 1200
- **Approx. weight:** 18.6kg
- **Reference page:** Specification Chart • P134

*Note:* For output shaft arrangement “T,” the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

Foot mount type 200 W · Brake type

**B-51 200W** HMTA200-19L5～50L5
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50
- Approx. weight: 9.6kg
- Reference page: Specification Chart→P134

**B-52 200W** HMTA200-28L60～200L6
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 60, 80, 100, 120, 160, 200
- Approx. weight: 14.0kg
- Reference page: Specification Chart→P134

**B-53 200W** HMTA200-38L300～480L3
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 300, 360, 480
- Approx. weight: 21.0kg
- Reference page: Specification Chart→P134

**B-54 200W** HMTA200-42L600～1200L6
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

- Reduction ratio: 600, 720, 960, 1200
- Approx. weight: 31.0kg
- Reference page: Specification Chart→P134

Note: For output shaft arrangement “T,” the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

### B-55 0.1kW HMTA010-24U5~200B
- **Reduction ratio:** 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200
- **Approx. weight:** 11.7kg
- **Reference page:** Specification Chart P131

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

### B-56 0.1kW HMTA010-28U300~480B
- **Reduction ratio:** 300, 360, 480
- **Approx. weight:** 13.7kg
- **Reference page:** Specification Chart P131

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

### B-57 0.1kW HMTA010-38U600~1200B
- **Reduction ratio:** 600, 720, 960, 1200
- **Approx. weight:** 17.4kg
- **Reference page:** Specification Chart P131

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

---

**Note:**
- The dimension marked with # indicates that part of the motor protrudes from the mounting surface.
- For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

**B-58 0.2kW**

**HMTA020-28U5~200 B**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200

Approx. weight: 11.8kg

Reference page: Specification Chart-P131

**B-59 0.2kW**

**HMTA020-38U300~480 B**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

Reduction ratio: 300, 360, 480

Approx. weight: 17.5kg

Reference page: Specification Chart-P131

**B-60 0.2kW**

**HMTA020-42U600~1200 B**
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

Reduction ratio: 600, 720, 960, 1200

Approx. weight: 27.4kg

Reference page: Specification Chart-P131

Note) The dimension marked with ※ indicates that part of the motor protrudes from the mounting surface.

Note) For output shaft arrangement "T," the phases of the right and left output shaft keyways are not necessarily aligned precisely.
### Hypoid Motor TA Series Outline Dimensions

#### HYPOID MOTOR TA Outline Dimensions • brake type/Face mount

<table>
<thead>
<tr>
<th>Model</th>
<th>Power (kW)</th>
<th>Model Number</th>
<th>Reduction Ratio</th>
<th>Approx. Weight (kg)</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-61</td>
<td>0.4</td>
<td>HMTA040-28U5~50B</td>
<td>5, 10, 15, 20, 25, 30, 40, 50</td>
<td>12.7kg</td>
<td>P132</td>
</tr>
<tr>
<td>B-62</td>
<td>0.4</td>
<td>HMTA040-38U60~200B</td>
<td>60, 80, 100, 120, 160, 200</td>
<td>18.5kg</td>
<td>P132</td>
</tr>
<tr>
<td>B-63</td>
<td>0.4</td>
<td>HMTA040-42U300~480B</td>
<td>300, 360, 480</td>
<td>32.7kg</td>
<td>P132</td>
</tr>
<tr>
<td>B-64</td>
<td>0.4</td>
<td>HMTA040-50U600~1200B</td>
<td>600, 720, 960, 1200</td>
<td>61.3kg</td>
<td>P132</td>
</tr>
</tbody>
</table>

The direction of rotation of the output shaft is based on rotation A shown on page 189.

Note: The dimension marked with "\(\)" indicates that part of the motor protrudes from the mounting surface.

Note: For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions
Face mount type 0.75 kW · Brake type

**B-65 0.75kW**
HMTA075-38U5~50 B
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50
Approx. weight: 23.0kg
Reference page: Specification Chart+P132

**B-66 0.75kW**
HMTA075-42U60~200 B
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

Reduction ratio: 60, 80, 100, 120, 160, 200
Approx. weight: 29.5kg
Reference page: Specification Chart+P132

**B-67 0.75kW**
HMTA075-50U300~480 B
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

Reduction ratio: 300, 360, 480
Approx. weight: 69.5kg
Reference page: Specification Chart+P132

Note) For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

**Face mount type 1.5 • 2.2 kW • Brake type**

**HYPOID MOTOR TA Outline Dimensions ● brake type/Face mount**

**B-68 1.5kW**

**HMTA150-42U5~80**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80

Approx. weight: 38.0kg

Reference page: Specification Chart+P133

**B-69 1.5kW**

**HMTA150-50U100~200**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

Reduction ratio: 100, 120, 160, 200

Approx. weight: 68.0kg

Reference page: Specification Chart+P133

**B-70 2.2kW**

**HMTA220-42U5~60**

The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60

Approx. weight: 43.0kg

Reference page: Specification Chart+P133

Note) The dimension marked with ※ indicates that part of the motor protrudes from the mounting surface.

Note) For output shaft arrangement “T,” the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

Face mount type 2.2 ~ 3.7 ~ 5.5 kW - Brake type

**HYPOID MOTOR TA Outline Dimensions**

### B-71 2.2kW

**HMTA220-50U80~120**

- **The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.**
- **Reduction ratio:** 80, 100, 120
- **Approx. weight:** 72.0 kg
- **Reference page:** Specification Chart→P133

#### Dimensions

- **S**
  - 245
  - 107
  - 10
- **T**
  - 176
  - 107
  - 10

Note: For 400 V, the DC module is incorporated in the terminal box.

### B-72 3.7kW

**HMTA370-50U5~60**

- **The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.**
- **Reduction ratio:** 5, 10, 15, 20, 25, 30, 40, 50, 60
- **Approx. weight:** 84.0 kg
- **Reference page:** Specification Chart→P133

#### Dimensions

- **S**
  - 258
  - 107
  - 10
- **T**
  - 176
  - 107
  - 10

Note: For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.

### B-73 5.5kW

**HMTA550-50U5~40**

- **The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.**
- **Reduction ratio:** 5, 10, 15, 20, 25, 30, 40
- **Approx. weight:** 109.0 kg
- **Reference page:** Specification Chart→P133

#### Dimensions

- **S**
  - 309
  - 107
  - 10
- **T**
  - 176
  - 107
  - 10

Note: The dimension marked with :description indicates that part of the motor protrudes from the mounting surface.

Note: For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.
### Hypoid Motor TA Series Outline Dimensions

**B-74 100W HMTA100-24U5~200 B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200
- Approx. weight: 11.7kg
- Reference page: Specification Chart→P134

<table>
<thead>
<tr>
<th>S</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>M6 TAP 16 DEEP</td>
<td></td>
</tr>
<tr>
<td>44.5</td>
<td>55</td>
</tr>
<tr>
<td>62 (\delta)</td>
<td>36 (\delta)</td>
</tr>
</tbody>
</table>

**B-75 100W HMTA100-28U300~480 B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 300, 360, 480
- Approx. weight: 14.5kg
- Reference page: Specification Chart→P134

<table>
<thead>
<tr>
<th>S</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>M8 TAP 20 DEEP</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>55</td>
</tr>
<tr>
<td>106.5</td>
<td>106.5</td>
</tr>
<tr>
<td>62 (\delta)</td>
<td>62 (\delta)</td>
</tr>
</tbody>
</table>

**B-76 100W HMTA100-38U600~1200 B**
- The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.
- Reduction ratio: 600, 720, 960, 1200
- Approx. weight: 18.2kg
- Reference page: Specification Chart→P134

<table>
<thead>
<tr>
<th>S</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>M10 TAP 25 DEEP</td>
<td></td>
</tr>
<tr>
<td>67.5</td>
<td>67.5</td>
</tr>
<tr>
<td>73.5</td>
<td>73.5</td>
</tr>
</tbody>
</table>

Note) The dimension marked with \(\delta\) indicates that part of the motor protrudes from the mounting surface.
Note) For output shaft arrangement "T," the phases of the right and left output shaft key ways are not necessarily aligned precisely.
Hypoid Motor TA Series Outline Dimensions

Face mount type 200 W • Brake type

HMTA200-28U5~200 RB

| Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200 | Approx. weight: 13.3kg | Reference page: Specification Chart • P134 |

<table>
<thead>
<tr>
<th>S</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>427</td>
<td>42</td>
</tr>
<tr>
<td>157.5</td>
<td>61</td>
</tr>
<tr>
<td>98.5</td>
<td>62</td>
</tr>
<tr>
<td>88</td>
<td>42</td>
</tr>
<tr>
<td>47</td>
<td>37</td>
</tr>
</tbody>
</table>

4-M8 bolt through-hole
Opposite side: M10 TAP 34 DEEP

HMTA200-38U300~480 RB

| Reduction ratio: 300, 360, 480 | Approx. weight: 20.0kg | Reference page: Specification Chart • P134 |

<table>
<thead>
<tr>
<th>S</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>147</td>
<td>73.5</td>
</tr>
<tr>
<td>117</td>
<td>73.5</td>
</tr>
<tr>
<td>70</td>
<td>73.5</td>
</tr>
<tr>
<td>106</td>
<td>58</td>
</tr>
<tr>
<td>53</td>
<td>58</td>
</tr>
<tr>
<td>59</td>
<td>58</td>
</tr>
</tbody>
</table>

4-M10 bolt through-hole
Opposite side: M12 TAP 46 DEEP

HMTA200-42U600~1200 RB

| Reduction ratio: 600, 720, 960, 1200 | Approx. weight: 29.5kg | Reference page: Specification Chart • P134 |

<table>
<thead>
<tr>
<th>S</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>226</td>
<td>85</td>
</tr>
<tr>
<td>137</td>
<td>85</td>
</tr>
<tr>
<td>89</td>
<td>85</td>
</tr>
<tr>
<td>123</td>
<td>85</td>
</tr>
<tr>
<td>73</td>
<td>85</td>
</tr>
<tr>
<td>73</td>
<td>85</td>
</tr>
</tbody>
</table>

4-M12 bolt through-hole
Opposite side: M16 TAP 44 DEEP

Note) The dimension marked with ★ indicates that part of the motor protrudes from the mounting surface.

Note) For output shaft arrangement “T,” the phases of the right and left output shaft key ways are not necessarily aligned precisely.