Hypoid Motor TA Series Outline Dimensions

**Hollow shaft type 0.1 kW • Non-brake type**

<table>
<thead>
<tr>
<th>M-1</th>
<th>0.1kW</th>
<th>HMTA010-30H5~200</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</td>
<td>5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200</td>
<td>Approx. weight</td>
<td>9.0kg</td>
</tr>
<tr>
<td>Reference page</td>
<td>Specification Chart • P131</td>
<td>Options</td>
<td>P184</td>
</tr>
</tbody>
</table>

**Details of hollow shaft**

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

<table>
<thead>
<tr>
<th>M-2</th>
<th>0.1kW</th>
<th>HMTA010-30H300~480</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</td>
<td>300, 360, 480</td>
<td>Approx. weight</td>
<td>11.1kg</td>
</tr>
<tr>
<td>Reference page</td>
<td>Specification Chart • P131</td>
<td>Options</td>
<td>P184</td>
</tr>
</tbody>
</table>

**Details of hollow shaft**

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

<table>
<thead>
<tr>
<th>M-3</th>
<th>0.1kW</th>
<th>HMTA010-35H600~1200</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</td>
<td>600, 720, 960, 1200</td>
<td>Approx. weight</td>
<td>14.0kg</td>
</tr>
<tr>
<td>Reference page</td>
<td>Specification Chart • P131</td>
<td>Options</td>
<td>P184</td>
</tr>
</tbody>
</table>

**Details of hollow shaft**

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

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 - Non-brake type**

**HYPOID MOTOR TA Outline Dimensions ● Non-brake/Hollow**

<table>
<thead>
<tr>
<th>M-4</th>
<th>0.2kW</th>
<th>HMTA020-30H5～200</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></td>
<td></td>
<td>Reduction ratio : 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200</td>
<td>Approx. weight : 8.8kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference page : Specification Chart→P131 Options→P184</td>
<td></td>
</tr>
</tbody>
</table>

![Diagram of HMTA020-30H5～200](image)

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

<table>
<thead>
<tr>
<th>M-5</th>
<th>0.2kW</th>
<th>HMTA020-35H300～480</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></td>
<td></td>
<td>Reduction ratio : 300, 360, 480</td>
<td>Approx. weight : 14.0kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference page : Specification Chart→P131 Options→P184</td>
<td></td>
</tr>
</tbody>
</table>

![Diagram of HMTA020-35H300～480](image)

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

<table>
<thead>
<tr>
<th>M-6</th>
<th>0.2kW</th>
<th>HMTA020-45H600～1200</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></td>
<td></td>
<td>Reduction ratio : 600, 720, 960, 1200</td>
<td>Approx. weight : 21.3kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reference page : Specification Chart→P131 Options→P184</td>
<td></td>
</tr>
</tbody>
</table>

![Diagram of HMTA020-45H600～1200](image)

- 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.
Hypoid Motor TA Series Outline Dimensions

Hollow shaft type 0.4 kW • Non-brake type

**M-7 0.4kW**
HMTA040-30H5~50

- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50
- Approx. weight: 9.4kg
- 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.

**M-8 0.4kW**
HMTA040-35H60~200

- Reduction ratio: 60, 80, 100, 120, 160, 200
- Approx. weight: 14.2kg
- 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.

**M-9 0.4kW**
HMTA040-45H300~480

- Reduction ratio: 300, 360, 480
- Approx. weight: 26.2kg
- 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.

**M-10 0.4kW**
HMTA040-55H600~1200

- Reduction ratio: 600, 720, 960, 1200
- Approx. weight: 52.8kg
- 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
Hollow shaft type 0.75 kW - Non-brake type

**M-11 0.75kW**
HMTA075-35H5~50
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: 19.0 kg
- Reference page: Specification Chart - P132, Options - P184

Details of hollow shaft

**M-12 0.75kW**
HMTA075-45H60~200
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: 23.0 kg
- Reference page: Specification Chart - P132, Options - P184

Details of hollow shaft

**M-13 0.75kW**
HMTA075-55H300~480
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: 61.5 kg
- Reference page: Specification Chart - P132, Options - P184

Details of hollow shaft
Hypoid Motor TA Series Outline Dimensions
Hollow shaft type 1.5・2.2 kW・Non-brake type

**M-14 1.5kW**
HMTA150-45H5~80
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 : 29.0kg
Reference page : Specification Chart→P133 Options→P184

**M-15 1.5kW**
HMTA150-55H100~200
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 : 57.0kg
Reference page : Specification Chart→P133 Options→P184

**M-16 2.2kW**
HMTA220-45H5~60
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 : 34.0kg
Reference page : Specification Chart→P133 Options→P184

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

<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>M-17</td>
<td>2.2</td>
<td>HMTA220-55H80~120</td>
<td>80, 100, 120</td>
<td>61.0</td>
<td>Specification Chart+P133 Options+P184</td>
</tr>
<tr>
<td>M-18</td>
<td>3.7</td>
<td>HMTA370-55H5~60</td>
<td>5, 10, 15, 20, 25, 30, 40, 50, 60</td>
<td>70.0</td>
<td>Specification Chart+P133 Options+P184</td>
</tr>
<tr>
<td>M-19</td>
<td>5.5</td>
<td>HMTA550-55H5~40</td>
<td>5, 10, 15, 20, 25, 30, 40</td>
<td>91.0</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 100 W • Non-brake type**

## M-20 100W HMTA100-30H5~200

- 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: 9.8kg
- Reference page: Specification Chart → P134 Options → P184

### Details of hollow output shaft

## M-21 100W HMTA100-30H300~480

- 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: 11.9kg
- Reference page: Specification Chart → P134 Options → P184

### Details of hollow output shaft

## M-22 100W HMTA100-35H600~1200

- 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: 14.8kg
- 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 - Non-brake type

**HYPOID MOTOR TA Outline Dimensions ● Non-brake/Hollow**

**M-23 200W HMTA200-30H5〜200**
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: 11.4kg
- Reference page: Specification Chart • P134 Options • P184

**M-24 200W HMTA200-35H300〜480**
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: 16.6kg
- Reference page: Specification Chart • P134 Options • P184

**M-25 200W HMTA200-45H600〜1200**
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: 23.5kg
- Reference page: Specification Chart • P134 Options • P184
Hypoid Motor TA Series Outline Dimensions

Foot mount type 0.1 kW • Non-brake type

**M-26 0.1kW** HMTA010-19L5~50 \( \frac{L}{R} \)  
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

<table>
<thead>
<tr>
<th>Reduction ratio</th>
<th>Approx. weight</th>
<th>Reference page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5, 10, 15, 20, 25, 30, 40, 50</td>
<td>6.0kg</td>
<td>Specification Chart • P131</td>
</tr>
</tbody>
</table>

**M-27 0.1kW** HMTA010-24L60~200 \( \frac{L}{R} \)  
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

<table>
<thead>
<tr>
<th>Reduction ratio</th>
<th>Approx. weight</th>
<th>Reference page</th>
</tr>
</thead>
<tbody>
<tr>
<td>60, 80, 100, 120, 160, 200</td>
<td>10.8kg</td>
<td>Specification Chart • P131</td>
</tr>
</tbody>
</table>

**M-28 0.1kW** HMTA010-28L300~480 \( \frac{L}{R} \)  
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

<table>
<thead>
<tr>
<th>Reduction ratio</th>
<th>Approx. weight</th>
<th>Reference page</th>
</tr>
</thead>
<tbody>
<tr>
<td>300, 360, 480</td>
<td>13.0kg</td>
<td>Specification Chart • P131</td>
</tr>
</tbody>
</table>

**M-29 0.1kW** HMTA010-38L600~1200 \( \frac{L}{R} \)  
The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.

<table>
<thead>
<tr>
<th>Reduction ratio</th>
<th>Approx. weight</th>
<th>Reference page</th>
</tr>
</thead>
<tbody>
<tr>
<td>600, 720, 960, 1200</td>
<td>16.8kg</td>
<td>Specification Chart • P131</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 - Non-brake type**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Code</th>
<th>Reduction Ratio</th>
<th>Weight</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-30</td>
<td>0.2kW</td>
<td>HMTA020-19L5~50</td>
<td>5, 10, 15, 20, 25, 30, 40, 50</td>
<td>6.0kg</td>
<td>Specification Chart-P131</td>
</tr>
<tr>
<td>M-31</td>
<td>0.2kW</td>
<td>HMTA020-28L60~200</td>
<td>60, 80, 100, 120, 160, 200</td>
<td>10.4kg</td>
<td>Specification Chart-P131</td>
</tr>
<tr>
<td>M-32</td>
<td>0.2kW</td>
<td>HMTA020-38L300~480</td>
<td>300, 360, 480</td>
<td>16.8kg</td>
<td>Specification Chart-P131</td>
</tr>
<tr>
<td>M-33</td>
<td>0.2kW</td>
<td>HMTA020-42L600~1200</td>
<td>600, 720, 960, 1200</td>
<td>26.3kg</td>
<td>Specification Chart-P131</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 0.4 kW • Non-brake type**

<table>
<thead>
<tr>
<th>Model</th>
<th>Reducer Ratio</th>
<th>Weight</th>
<th>Reference Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>M-34 0.4kW</strong> HMTA040-24L5~50 l</td>
<td>5, 10, 15, 20, 25, 30, 40, 50</td>
<td>8.2kg</td>
<td>Specification Chart • P132</td>
</tr>
<tr>
<td><strong>M-35 0.4kW</strong> HMTA040-38L60~200 l</td>
<td>60, 80, 100, 120, 160, 200</td>
<td>16.8kg</td>
<td>Specification Chart • P132</td>
</tr>
<tr>
<td><strong>M-36 0.4kW</strong> HMTA040-42L300~480 l</td>
<td>300, 360, 480</td>
<td>31.7kg</td>
<td>Specification Chart • P132</td>
</tr>
<tr>
<td><strong>M-37 0.4kW</strong> HMTA040-50L600~1200 l</td>
<td>600, 720, 960, 1200</td>
<td>75.8kg</td>
<td>Specification Chart • P132</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 0.75 kW - Non-brake type

**M-38 0.75 kW**
HMTA075-30L5~50

Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50
Approx. weight: 16.0 kg
Page reference: Specification Chart - P132

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

**M-39 0.75 kW**
HMTA075-42L60~200

Reduction ratio: 60, 80, 100, 120, 160, 200
Approx. weight: 28.5 kg
Page reference: Specification Chart - P132

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

**M-40 0.75 kW**
HMTA075-50L300~480

Reduction ratio: 300, 360, 480
Approx. weight: 84.5 kg
Page reference: Specification Chart - P132

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

---

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 • Non-brake type

### M-41 1.5kW HMTA150-42L5~80 \( \frac{1}{3} \)
- 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: 35.0kg
- Reference page: Specification Chart•P133

![Diagram](image1)

### M-42 1.5kW HMTA150-50L100~200 \( \frac{1}{3} \)
- 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: 81.0kg
- Reference page: Specification Chart•P133

![Diagram](image2)

### M-43 2.2kW HMTA220-42L5~60 \( \frac{1}{3} \)
- 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: 39.0kg
- Reference page: Specification Chart•P133

![Diagram](image3)

---

**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 M-41 and M-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 - Non-brake type**

### M-44 2.2kW

**HMTA220-50L80～120**

- **Reduction ratio**: 80, 100, 120
- **Approx. weight**: 84.0kg
- **Reference page**: Specification Chart-P133

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

### M-45 3.7kW

**HMTA370-50L5～60**

- **Reduction ratio**: 5, 10, 15, 20, 25, 30, 40, 50, 60
- **Approx. weight**: 93.0kg
- **Reference page**: Specification Chart-P133

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

### M-46 5.5kW

**HMTA550-50L5～40**

- **Reduction ratio**: 5, 10, 15, 20, 25, 30, 40
- **Approx. weight**: 114.0kg
- **Reference page**: Specification Chart-P133

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

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 100W • Non-brake type**

**HYPOID MOTOR TA Outline Dimensions • Non-brake/Foot mount**

<table>
<thead>
<tr>
<th><strong>M-47 100W</strong></th>
<th>HMTA100-19L5〜50L5</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</td>
<td>Approx. weight: 6.8kg</td>
<td>Reference page: Specification Chart • P134</td>
</tr>
</tbody>
</table>

![Diagram](image1)

<table>
<thead>
<tr>
<th><strong>M-48 100W</strong></th>
<th>HMTA100-24L60〜200L60</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: 60, 80, 100, 120, 160, 200</td>
<td>Approx. weight: 11.4kg</td>
<td>Reference page: Specification Chart • P134</td>
</tr>
</tbody>
</table>

![Diagram](image2)

<table>
<thead>
<tr>
<th><strong>M-49 100W</strong></th>
<th>HMTA100-28L300〜480L300</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: 300, 360, 480</td>
<td>Approx. weight: 13.8kg</td>
<td>Reference page: Specification Chart • P134</td>
</tr>
</tbody>
</table>

![Diagram](image3)

<table>
<thead>
<tr>
<th><strong>M-50 100W</strong></th>
<th>HMTA100-38L600〜1200L600</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: 600, 720, 960, 1200</td>
<td>Approx. weight: 17.6kg</td>
<td>Reference page: Specification Chart • P134</td>
</tr>
</tbody>
</table>

![Diagram](image4)

---

**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 ・ Non-brake type

### M-51 200W
**HMTA200-19L5～50**

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: 8.6kg
- Reference page: Specification Chart・P134

### M-52 200W
**HMTA200-28L60～200**

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: 13.0kg
- Reference page: Specification Chart・P134

### M-53 200W
**HMTA200-38L300～480**

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: 19.4kg
- Reference page: Specification Chart・P134

### M-54 200W
**HMTA200-42L600～1200**

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: 29.4kg
- 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

**Face mount type 0.1 kW - Non-brake type**

**M-55 0.1kW**  
HMTA010-24U5～200  
Reduction ratio : 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200  
Approx. weight : 10.0kg  
Reference page : Specification Chart→P131

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

![Diagram of HMTA010-24U5~200](image)

**M-56 0.1kW**  
HMTA010-28U300～480  
Reduction ratio : 300, 360, 480  
Approx. weight : 12.1kg  
Reference page : Specification Chart→P131

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

![Diagram of HMTA010-28U300~480](image)

**M-57 0.1kW**  
HMTA010-38U600～1200  
Reduction ratio : 600, 720, 960, 1200  
Approx. weight : 15.8kg  
Reference page : Specification Chart→P131

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

![Diagram of HMTA010-38U600~1200](image)

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 0.2 kW • Non-brake type**

**HYPOID MOTOR TA Outline Dimensions ● Non-brake/Face mount**

**M-58 0.2kW**

**HMTA020-28U5~200**

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: 9.6kg
- Reference page: Specification Chart+P131

![Diagram of M-58](image)

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

**M-59 0.2kW**

**HMTA020-38U300~480**

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: 15.8kg
- Reference page: Specification Chart+P131

![Diagram of M-59](image)

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

**M-60 0.2kW**

**HMTA020-42U600~1200**

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: 25.3kg
- Reference page: Specification Chart+P131

![Diagram of M-60](image)

- 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.
## Hypoid Motor TA Series Outline Dimensions

**Face mount type 0.4 kW - Non-brake type**

### M-61 0.4kW

<table>
<thead>
<tr>
<th>M-61</th>
<th>HMTA040-28U5〜50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50</td>
<td>Approx. weight: 10.2kg</td>
</tr>
<tr>
<td>The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.</td>
<td>Reference page: Specification Chart + P132</td>
</tr>
</tbody>
</table>

![Diagram of M-61](image)

### M-62 0.4kW

<table>
<thead>
<tr>
<th>M-62</th>
<th>HMTA040-38U60〜200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 60, 80, 100, 120, 160, 200</td>
<td>Approx. weight: 16.0kg</td>
</tr>
<tr>
<td>The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.</td>
<td>Reference page: Specification Chart + P132</td>
</tr>
</tbody>
</table>

![Diagram of M-62](image)

### M-63 0.4kW

<table>
<thead>
<tr>
<th>M-63</th>
<th>HMTA040-42U300〜480</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 300, 360, 480</td>
<td>Approx. weight: 35.2kg</td>
</tr>
<tr>
<td>The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.</td>
<td>Reference page: Specification Chart + P132</td>
</tr>
</tbody>
</table>

![Diagram of M-63](image)

### M-64 0.4kW

<table>
<thead>
<tr>
<th>M-64</th>
<th>HMTA040-50U600〜1200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduction ratio: 600, 720, 960, 1200</td>
<td>Approx. weight: 58.8kg</td>
</tr>
<tr>
<td>The direction of rotation of the output shaft is based on direction of rotation A shown on page 189.</td>
<td>Reference page: Specification Chart + P132</td>
</tr>
</tbody>
</table>

![Diagram of M-64](image)

**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 · Non-brake type**

**M-65 0.75kW**

HMTA075-38U5～50°

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: 21.0kg

Reference page: Specification Chart→P132

**M-66 0.75kW**

HMTA075-42U60～200°

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: 27.0kg

Reference page: Specification Chart→P132

**M-67 0.75kW**

HMTA075-50U300～480°

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: 67.5kg

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 · Non-brake type

**HYPOID MOTOR TA Outline Dimensions ● Non-brake/Face mount**

### M-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 | 33.0kg | Reference page : Specification Chart *P133 |

#### M-68 Dimensions:
- Output shaft
- Small end shape
- 4-M12 bolt through hole
- Opposite side: M16 TAP 44 DEEP

### M-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 | 63.0kg | Reference page : Specification Chart *P133 |

#### M-69 Dimensions:
- Output shaft
- Small end shape
- 4-M16 bolt through hole
- Opposite side: M20 TAP 52 DEEP

### M-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 | 38.0kg | Reference page : Specification Chart *P133 |

#### M-70 Dimensions:
- Output shaft
- Small end shape
- 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.
Hypoid Motor TA Series Outline Dimensions

Face mount type 2.2・3.7・5.5 kW・Non-brake type

**M-71 2.2kW**
HMTA220-50U80～120

- **Reduction ratio:** 80, 100, 120
- **Approx. weight:** 67.0kg
- **Reference page:** Specification Chart+P133

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

![Diagram of M-71 model](image)

- 4-M16 bolt through-hole
- Opposite side: M20 TAP 52 DEEP

**M-72 3.7kW**
HMTA370-50U5～60

- **Reduction ratio:** 5, 10, 15, 20, 25, 30, 40, 50, 60
- **Approx. weight:** 76.0kg
- **Reference page:** Specification Chart+P133

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

![Diagram of M-72 model](image)

- 4-M16 bolt through-hole
- Opposite side: M20 TAP 52 DEEP

**M-73 5.5kW**
HMTA550-50U5～40

- **Reduction ratio:** 5, 10, 15, 20, 25, 30, 40
- **Approx. weight:** 97.0kg
- **Reference page:** Specification Chart+P133

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

![Diagram of M-73 model](image)

- 4-M16 bolt through-hole
- Opposite side: M20 TAP 52 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.
Hypoid Motor TA Series Outline Dimensions

**Face mount type 100 W • Non-brake type**

**HYPOID MOTOR TA Outline Dimensions • Non-brake/Face mount**

**M-74 100W**

**HMTA100-24U5~200**

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

<table>
<thead>
<tr>
<th>Reduction ratio : 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200</th>
<th>Approx. weight : 10.7kg</th>
<th>Reference page : Specification Chart • P134</th>
</tr>
</thead>
</table>

![Diagram of M-74 HMTA100-24U5~200]

**M-75 100W**

**HMTA100-28U300~480**

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

<table>
<thead>
<tr>
<th>Reduction ratio : 300, 360, 480</th>
<th>Approx. weight : 12.9kg</th>
<th>Reference page : Specification Chart • P134</th>
</tr>
</thead>
</table>

![Diagram of M-75 HMTA100-28U300~480]

**M-76 100W**

**HMTA100-38U600~1200**

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

<table>
<thead>
<tr>
<th>Reduction ratio : 600, 720, 960, 1200</th>
<th>Approx. weight : 16.6kg</th>
<th>Reference page : Specification Chart • P134</th>
</tr>
</thead>
</table>

![Diagram of M-76 HMTA100-38U600~1200]

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 200 W - Non-brake type

**M-77 200W**

HMTA200-28U5~200

- Reduction ratio: 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100, 120, 160, 200
- Approx. weight: 12.3kg
- Reference page: Specification Chart+P134

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

**M-78 200W**

HMTA200-38U300~480

- Reduction ratio: 300, 360, 480
- Approx. weight: 18.4kg
- Reference page: Specification Chart+P134

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

**M-79 200W**

HMTA200-42U600~1200

- Reduction ratio: 600, 720, 960, 1200
- Approx. weight: 27.5kg
- Reference page: Specification Chart+P134

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

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