 Compact! Three-phase 0.1 kW to 5.5 kW and single-phase 100 W and 200 W models provide many variations!

1. Low Noise & Long Life
   These low-noise and long-life reducers are based on the silent design and processing technology of the Gear Motor T Series.

2. Small Size & Light Weight
   Further reduction in size and weight has been realized through the adoption of motors made with aluminum frames.

3. Environmental Friendliness
   In consideration of the global environment, unleaded grease is used and, the environmentally green paint identifies this change. (Munsell 2.5G6/3)

4. Ease-of-use
   A frame number is included in the model number. A tapped (screw) hole is provided in the end of the output shaft. The face mount type is standard, which allows for easy fastening with bolts from the output shaft side into screw holes in the gear case mounting face.

5. Inverter Motor Type
   As option, an inverter-ready motor is connected directly. Continuous operation with 100% constant torque is possible even at low frequencies (6 Hz or more). (For 2.2 kW and 3.7 kW devices, reduced torque occurs at frequencies of 10 Hz or less.)

Quick-delivery made-to-order products
Nomenclature

Model number 1 (0.1kW~0.75kW)

GM TA 010 -38L 1200

1. Product series name
   GM TA Motorized type
   GRTA Inline reducer and adapter type

2. Motor capacity (example)
   010 Three-phase 0.1 kW
   100 Single-phase 100 W

3. Frame number (example)
   38 Frame number 38 (Note 1)

4. Mounting type
   L Foot mount
   U Face mount type
   F Flange mount

5. Reduction ratio (example)
   1200 1/1200

6. Specification code
   No code
   B Without B, CB or BE
   CB Clutch type with brake
   FI Adapter type
   BE Encoder type
   SR Shock relay type, for 0.1 and 0.2 kW only

7. Option code
   (Order of priority)
   1. Z Inverter motor type
   2. W Outdoor type
   3. V 400 V class (400/400/440V 50/60/60Hz)
   4. V1 380V50Hz
   5. V2 380V60Hz
   6. V3 415V50Hz
   7. V4 460V60Hz
   8. N Ready for CE labeling
   9. H Hard terminal box type
   10. Q One-touch manual release type
   11. M Manual shaft type

Note 1) For the frame number, refer to the specification chart and outline dimensional drawing.

Codes for terminal box positions
When the reduction is 1/300 or more, the terminal box is positioned differently. In this case, please contact us for details.

Codes for positions of lead outlets of outdoor-type hard terminal boxes
Positions D1, D2 and D3 are obtained by sequentially swinging the lead outlet clockwise, as viewed facing the terminal box, by 90 degrees from the standard position of the lead outlet.

Comparison with our conventional products: examples

<table>
<thead>
<tr>
<th>Total length</th>
<th>Approximate weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.4 kW without brake</td>
<td>12mm</td>
</tr>
<tr>
<td>2.2 kW without brake</td>
<td>32mm</td>
</tr>
</tbody>
</table>

Quick delivery
Available on short delivery

Compact
Realization of exactly the same size as the standard product

Low price
For a reduction ratio of 1/30, the price of the standard product is raised by about 20%

Supplementary code (indicated on the second line of the model number)
Supplementary codes may be combined arbitrarily.

Position of terminal box
P2: 180° swing
Position of lead outlet of hard terminal box of outdoor type
D1: 90° swing
D2: 180° swing
D3: 270° swing

Paint color (The standard color is Munsell 2.5SB6/2, in which case no code is shown.)
C1: Light silver metallic
C2: Ivory white (Munsell 7.5Y9/1)
C3: Dark silver metallic

Combination of specification codes and option codes

<table>
<thead>
<tr>
<th>No brake type</th>
<th>Brake type</th>
<th>Clutch brake type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z, ZW, ZBV</td>
<td>ZV</td>
<td>ZVM</td>
</tr>
<tr>
<td>ZV</td>
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<td>ZV</td>
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<tr>
<td>Q</td>
<td>QM</td>
<td>QM</td>
</tr>
</tbody>
</table>

Note) Combinations of brake-types and outdoor-use are made-to-order products. Please contact us for details.
## Nomenclature

**Model number 2 (1.5kW ~ 5.5kW)**

### GMTA 150 - 50L 200

#### Codes for position of terminal box

- **Standard**
- **P1**
- **P2**

#### Codes for position of lead outlet of terminal box of outdoor type and standard product

Positions E1, E2, and E3 are obtained by sequentially rotating the lead outlet clockwise as viewed toward the terminal box by 90 degrees from the standard position of the lead outlet.