### Ordering method

#### T4L

<table>
<thead>
<tr>
<th>Model</th>
<th>Load designation</th>
<th>Stroke</th>
<th>Grease type</th>
<th>Cable length (mm)</th>
<th>ERCD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Specification

- AC servo motor output (W): 30
- Repeatability (mm): ±0.02
- Deceleration mechanism: Ball screw 68
- Ball screw lead (mm): 12 8 6 2
- Maximum speed (mm/sec): 720 360 120
- Maximum horizontal payload (kg): 4.5 6 6
- Rated thrust (N): 32 64 125.5 175.5 225.5 275.5 325.5 375.5 425.5 475.5
- Stroke (mm): 50 to 400 (50mm pitch)
- Position detector (resolvers): common to incremental and absolute specifications.

#### Note 1.
- The robot cable is flexible and resists bending. See P.614 for details on robot cable.

#### Note 2.
- Position detectors (resolvers) are common to incremental and absolute specifications. If the controller has a backup function then it will be absolute specifications.

#### Note 3.
- Weight of models with no brake. The weight of brake-attached models is 0.2 kg heavier than the models with no brake shown in the table.

#### Note 4.
- The under-head length of the hex socket-head bolt (M4×0.7) to be used for the installation work is 12mm or less.

#### Note 5.
- External view of T4LH is identical to T4L.

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### Allowable overhang

<table>
<thead>
<tr>
<th>Horizontal installation</th>
<th>Vertical installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2kg</td>
<td>125</td>
</tr>
<tr>
<td>4.5kg</td>
<td>149</td>
</tr>
<tr>
<td>5kg</td>
<td>107</td>
</tr>
<tr>
<td>6kg</td>
<td>114</td>
</tr>
<tr>
<td>2kg</td>
<td>3kg</td>
</tr>
<tr>
<td>8kg</td>
<td>125</td>
</tr>
<tr>
<td>5kg</td>
<td>107</td>
</tr>
<tr>
<td>2kg</td>
<td>114</td>
</tr>
</tbody>
</table>

#### Note
- Horizontal installation: 20 H7 Depth 6
- Vertical installation: 20 H7 Depth 6
- Wall installation: 40 H7-0.7 Depth 9

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### Static loading moment

- MY: 50 19 18
- MP: 12 7 6
- MR: 18 15 19

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### Controller

- ERCD
- Operation method: Pulse train control / Programming / DI joint trace / Remote command / Operation using RS-232C communication

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### T4L Specifications

- Effective stroke: 72.5+/-3
- Effective stroke: 72.5+/-3
- Maximum speed for each stroke (mm/sec):
  - Lead 12: 360
  - Lead 6: 360
  - Lead 2: 120

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### Controller

- ERCD
- #534