**Lead Screw**

Linear actuation for positioning tasks

**PRECIsstep® Technology**

**Series M3 x 0.5 x L1**

<table>
<thead>
<tr>
<th>Nominal diameter</th>
<th>3.0</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pitch</td>
<td>0.5</td>
<td>mm</td>
</tr>
<tr>
<td>Material</td>
<td>Stainless steel</td>
<td></td>
</tr>
</tbody>
</table>

**Driver settings**

- 5x nominal voltage *
- 2.5x nominal voltage *
- 1x nominal voltage

* Current limited to its nominal value

**Important notes:** The thrust curves include already a safety factor for the use of the stepper motor. Please read the "Technical information" for a better understanding of the curves.

**Ordering information**

<table>
<thead>
<tr>
<th>L1 (mm)</th>
<th>15</th>
<th>25</th>
<th>50</th>
<th>Custom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order code (no bearing tip)</td>
<td>M3x15</td>
<td>M3x25</td>
<td>M3x50T</td>
<td>M3xL1T*</td>
</tr>
<tr>
<td>Order code (with bearing tip)</td>
<td>M3x15T</td>
<td>M3x25T</td>
<td>M3x50T</td>
<td>M3xL1T*</td>
</tr>
</tbody>
</table>

* For custom length, please inquire with your point of sales.

For combination with Stepper Motors: AM0820, AM1020, DM1220, AM1524, AM2224R3

For notes on technical data and lifetime performance refer to "Technical Information".

Edition 2019
**Lead Screw**

Optional nuts and bearings

PREClstep® Technology

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**Options**

For M1,2 x 0,25 Lead screws

Nut Part No. 6502.00366, Self-lubricating synthetics material

For M1,6 x 0,35 Lead screws

Nut Part No. 6502.00370, Self-lubricating synthetics material

For M2,0 x 0,2 Lead screws

Nut Part No. 6502.00337, Self-lubricating synthetics material

For M3,0 x 0,5 Lead screws

Nut Part No. 6502.00323, Self-lubricating synthetics material

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For notes on technical data and lifetime performance refer to "Technical Information".

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