**STANDARD FEATURES**

**Stage**
- Linear Stage

**Travel**
- 100mm to 1000mm

**Motor**
- Ironless Core Linear Motor

**Feedback**
- Non-Contact Optical Encoder

**Scale**
- Gold Tape Scale
  - Optional: Near Zero CTE ZeroMet

**Resolution**
- 1Vp-p Analog Output (5mm with 4096 Interpolation)
  - Digital Output Options: 5mm, 1mm, 0.5mm, 0.2mm, 100nm, 50nm, 20nm**, 10nm**, and 5nm**
  - (**) Reduced Speeds Apply

**Sensors**
- Integrated Home and End of Travel Limits

**Bearings**
- Dual Recirculating Ball Rail Bearings

**Cables**
- High Flex, 10M Cycle, 3m Length

**Structure**
- Anodized Aluminum 6061-T6
  - Optional: Stainless Steel

**Environment**
- Standard
  - Optional: Clean Room and Vacuum (10-6 Torr)

**Temperature**
- 0°C to 50°C

**Humidity**
- 10% to 80% Non-Condensing

**Precision**
- 6-D Nano Precision™ Test Methods

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**TABLE**

<table>
<thead>
<tr>
<th>Travel</th>
<th>Length</th>
<th>QTY</th>
<th>B (QTY)</th>
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</tr>
<tr>
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</tbody>
</table>

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All units: millimeters unless otherwise noted.

*All hole patterns centered on M5 dowel pin hole at center of stage.*

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**NOTE:** All sizes can be ordered as stacked or gantry XY configurations.