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100mm Travel, Motorized Linear Stage, Integrated Controller, Rotary Encoder

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#15-287, 100mm Travel, Motorized Linear Stage, Integrated Controller

Stock **#22-219** [CONTACT US](#)

⊖ 1 ⊕ **A\$4,584⁰⁰**

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General

Metric **Type:**

Yes **Encoder:**

Yes **Manual Control/ LED Indicators:**

Zaber Technologies Inc. **Manufacturer:**

Note:

Requires a 24-48 VDC power supply and either [#15-295](#) for USB connectivity or [#15-297](#) for RS-232 connectivity. A data cable ([#15-296](#) or [#15-299](#)) can be used to daisy chain multiple stages together to control simultaneously.

2-Phase Stepper **Type of Motor:**

Rotary Quadrature Encoder **Encoder Type:**

Physical & Mechanical Properties

Linear (X) **Type of Movement:**

Needle Roller Bearing **Guide System:**

45 x 238.8 **Stage Size (mm):**

101.6 **Travel (mm):**

35 (Unidirectional) **Accuracy (µm):**

<12 **Backlash (µm):**

21 **Height (mm):**

10 **Load Capacity (kg):**

<25 **Parallelism (µm):**

<3 **Repeatability (µm):**

0.00003 to 26 **Speed (mm/s):**

0.39 **Weight (kg):**

200 CPR **Encoder Resolution:**

152.00 **Total Track (mm):**

Optical Properties

0.05 **Resolution (µm):**

Electrical

350 **Maximum Operating Current (mA):**

Hardware & Interface Connectivity

Precision Lead Screw **Type of Drive:**

Power Supply:
Power Supply Required and Sold Separately.
USA: [#15-294](#)
Europe: [#15-294](#)
Japan: [#23-662](#)
Korea: [#33-773](#)
China: [#15-294](#)

USB with [#15-295](#)
RS-232 with [#15-297](#) **Computer Interface:**

Environmental & Durability Factors

0 - 50 **Operating Temperature (°C):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 247:**

Product Details

- High Accuracy, 25mm, 50mm, 100mm, and 200mm Travel Options

