

M-227K Vacuum Compatible Linear Actuator

High-Resolution DC-Mike Linear Actuator



- Compact Design
- Vacuum Compatible up to 10⁶ hPa
- Non-Rotating Tip
- Closed-Loop DC-Motors

Model	Travel range	Push/pull force	Design resolution	Max. velocity	Dimensions
M-227KVA	10 mm	40 N	0.059 µm	0.3 mm/s	Ø 19 mm Length 146.5 ±5 mm

Linear Actuators & Motors

PiezoWalk® Motors / Actuators

PLine® Ultrasonic Motors

DC-Servo & Stepper Actuators

Piezo Actuators & Components

Guided / Preloaded Actuators

Unpackaged Stack Actuators

Patches/Benders/Tubes/Shear..

Nanopositioning / Piezoelectrics

Nanometrology

Micropositioning

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M-230K Compact Stepper Motor Linear Actuator

High-Resolution Linear Actuator with Folded Drive



- Push/Pull Force to 400 N
- Highly Compact with Folded Drive
- High-Resolution Stepper Motor
- Min. Incremental Motion to 15 nm
- Hall-Effect Limit Switches
- Custom Tip for Load Mounting

Model	Travel range	Design resolution	Max. velocity	Thread pitch	Dimensions
M-230KCLA	4 mm	4.45 nm	9 µm/s	0.1 mm	107 x 60 x 30 mm + flange length 24.5 ±2 mm

M-238K Ultra-High-Load Precision Linear Actuator

High-Performance Linear Actuator Pushes Up To 1400 N



- High-Resolution Incremental Rotary Encoder + Absolute Position Measurement with Linear Potentiometer
- Push/Pull Force to 1400 N
- Fast: Velocity to 30 mm/s
- Auto Locking at Rest with No Power Consumption & Heat Generation
- Brushless DC-Servomotor

Model	Travel range	Min. incremental Motion	Design resolution	Motor power	Dimensions
M-238KHLA	75 mm	2 µm	0.5 µm	250 W	Ø 64 mm Total length 185 +75 mm

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