



NANOMETRIC LINEAR ACTUATOR

- Small aspect ratio
- Push and pull force capacity to 500N
- Resolution to 0.05 μm
- Flexure element based compact mechanism
- Innovative and miniaturized concept
- Customizable design in terms stroke and resolution
- Ideal for use in clean environment

TECHNICAL SPECIFICATIONS

Travel range	[μm]	+/-100
Maximum velocity, unloaded	[mm/s]	1.4
Drive force	[N]	500
Unidirectional repeatability (open loop)	[μm]	1
Minimum incremental motion	[μm]	0.05
Dimensions (L x W x H)	[mm]	75x55x32
Motor type		Stepper
Motor regulation		Open loop
Drive mechanism		Lead screw
Homing reference		Optical barrier

Remark: Device under development, values subject to modification

* Please feel free to contact us for any customization request