








		← HIGH LOW		PRECISION SPEED	LOW HIGH →	
Product Name		Motorized Stages	LX Actuator	KU Actuator	RS Actuator	MSA Belt-Driven Actuator
Usage, Picture						
Typical Usage		Ideal for short positioning motions where high accuracy and repeatability are key.	High precision, compact linear motion unit.	High moment load, precision linear motion unit.	Fully integrated system with motor and controller.	Ideal for long stroke, fast motion and high acceleration.
Integrated Motor		Yes	Optional	Optional	Yes	Optional
Drive Mechanism		– Precision Ball Screw – Worm Gear	– Precision Ball Screw	– Rolled/Precision Ball Screw	– Rolled/Precision Ball Screw – Belt	– Belt
Pneumatic Options		No	No	Yes	No	No
Specifications	Positioning Repeatability	0.5 microns	3 to 5 microns	5 to 8 microns	10 to 40 microns	25 microns
	Stroke Range	13 to 50 mm	17 to 530 mm	130 to 610 mm	50 to 1,050 mm (Screw) 150 to 3,050 mm (Belt)	184 to 5,992 mm
	Max. Speed	10 mm/sec	1,040 mm/sec	1,550 mm/sec	1,800 mm/sec	15,000 mm/sec
	Actual Load/ Basic Load Ratings	Up to 10kg (Horizontal) Up to 5kg (Vertical)	Check Online for Sizing Software		Up to 80 kg (Horizontal) Up to 30kg (Vertical)	Up to 1,130kg (Horizontal) Up to 567kg (Vertical)

\*NEMA/Metric Standard motor plates for LX, KU and MSA, can be specified to match your motor.

## Linear Actuators



### #ACLX

High Precision Ball Screw Actuators & Accessories



### #ACRS

RS Actuators



### #MSA

Belt Driven Actuators



### #ACKU

High Moment Load Ball Screw Actuators



### #MSG

Motorized Stages



### #SV

Servo Motors & Drivers



### #ST

Stepper Motors & Drives