


Precision Linear Actuators
LA Series



A precision ball screw provides positioning accuracy better than 2 microns and repeatability of 0.1 microns.

This product is well suited for measuring instruments, test and inspection systems, optical equipment, semiconductor and LCD manufacturing equipment.

- 49 N Force
- 2 micron positioning accuracy
- Brush DC motor with incremental encoder

•LA Series Ratings

Item Model	Drive	Stroke (mm)	Maximum Driving Force (N)	Resolution (μm)	Maximum Speed (mm/s)	Uni-directional Positioning Accuracy	Repeatability	Outside Dimensions (mm)	Total length (mm)
LA-30B-10-F	DC motor	10	49	0.0174	0.9	2μm or less/40μm stroke	±0.1μm or less/1mm stroke	28	143
LA-32-30-F	DC motor	30	49	0.0174	0.9			36	164

Unit: mm

Size	LA-30B-10F	LA-32-30-F
A	28	36
B(Stroke)	10	30
C	10	13.3
D	133	150.8

