


Precision Linear Actuators

LAH Series



A precision ball screw provides positioning accuracy better than 4 microns and repeatability of 1 micron.

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

- 392 to 3000 N Force
- 4 micron positioning accuracy

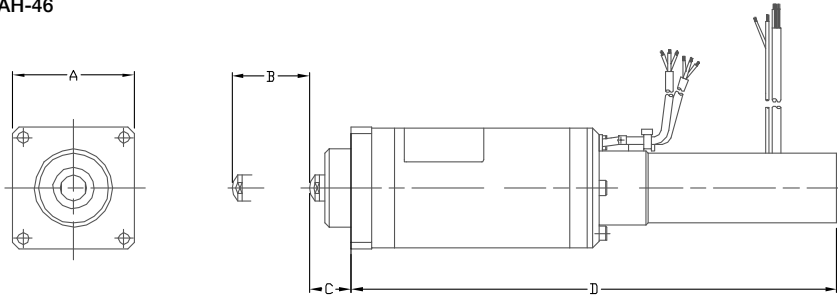
•LAH Series Ratings

Model	Item	Drive	Stroke (mm)	Maximum Driving Force (N)	Resolution (μm)	Maximum Speed (mm/s)	Uni-directional Positioning Accuracy	Repeatability	Outside Dimensions (mm)	Total length (mm)
LAH-46-1002-F		DC motor	10	392	0.069	3.7	4μm or less/.02mm stroke	±0.5μm or less/1mm stroke	47	185
LAH-46-3002-F		DC motor	30	392	0.069	3.7			47	204
LAH-80-5020-F-PA		Stepping motor	50	3000	2	10	4μm or less/2mm stroke	±1μm or less/1mm stroke	85	320

Unit: mm

Model Symbol	LAH-46-1002-F	LAH-46-3002-F
A	47	47
B(Stroke)	10	30
C	16	16
D	169	188

LAH-46



LAH-80

