

## Precision Linear Actuators

## LBC Series



The precision lead screw provides positioning accuracy in the micron range with sub-micron repeatability. The actuator is capable of thrust forces up to 12,000 N.

This product is useful for precise positioning of heavy loads or applications where high force is required such as molding equipment or precision presses.

- 12,000 N Force
- 0.32  $\mu\text{m}$  positioning resolution
- Brushless servomotor with incremental encoder
- Integral Limit Switches

## •LBC Series Ratings

Model	Item	Drive	Stroke (mm)	Maximum Driving Force (N)	Resolution ( $\mu\text{m}$ )	Maximum Speed (mm/s)	Repeatability	Outside Dimensions (mm)	Total length (mm)
LBC-25A-5D6K		Brushless Motor	50	6000	0.32	20	$\pm 5\mu\text{m}$ or less/50mm stroke	$\phi 136$	353
LBC-25A-5D12K		Brushless Motor	50	12000	0.16	10			

