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Zaber™ High Accuracy Linear Actuators See More by [Zaber™](#)



- Miniature, Robust Design
- Integrated Motor and Controller
- Controlled Manually or via RS-232 Serial Interface
- Available with Integrated, 250 Counts per Revolution (CPR) Motor Mounted Encoder

Common Specifications

General			
Manual Control/ LED Indicators:	Yes	Manufacturer:	Zaber
Type of Motor:	Stepper (2 Phase)		
Physical & Mechanical Properties			
Type of Movement:	Linear (X)		
Backlash (µm):	<15	Repeatability (µm):	<1
Speed (mm/s):	0.000029 to 30	Thrust (N):	25
Optical Properties			
Resolution (µm):	0.047625		
Electrical			
Maximum Operating Current (mA):	180		
Hardware & Interface Connectivity			
Type of Drive:	Precision Lead Screw	Power Supply:	24-48 VDC
Computer Interface:	RS-232		
Threading & Mounting			
Mount:	3/8-32 Nut, 3/8" Shank or M3 Screws		
Environmental & Durability Factors			
Operating Temperature (°C):	0 to 50		

Technical Information

Products

Dimensions (mm)	Travel (mm)	Encoder	Stock Number	Price	Buy
137.1 L x 49.4 W x 20.0 H	25.4	-	#22-627	₹1,06,650	10 to 12 days
137.1 L x 49.4 W x 20.0 H	25.4	Yes	#25-176	₹1,25,550	10 to 12 days
162.5 L x 49.4 W x 20.0 H	50.8	-	#22-628	₹1,20,600	10 to 12 days
162.5 L x 49.4 W x 20.0 H	50.8	Yes	#25-177	₹1,39,500	10 to 12 days



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