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Zaber™ High Load Capacity Motorized Gimbals See More by [Zaber™](#)



- 360° Continuous Travel
- Speed up to 24°/s, Max Torque of 10N-m
- Max Centered Payload of 15kg; Max Cantilevered Load Capacity of 20N-m
- 300 and 500mm Payload Width Frame Options Available

Common Specifications

General

Encoder:	Yes	Manufacturer:	Zaber Technologies Inc.
Type of Motor:	Stepper Motor	Encoder Type:	Rotary Quadrature Encoder

Physical & Mechanical Properties

Type of Movement:	Rotary	Travel (°):	360
Accuracy (°):	0.16 (unidirectional)	Backlash (°):	<0.05
Gear Drive Ratio:	180:1	Repeatability (°):	<0.005
Speed (°/s):	24	Encoder Resolution:	200 CPR
Cantilevered Load Capacity (N·m):	20	Max. Continuous Torque (N·cm):	1000
Aperture Diameter (mm):	50.8		

Electrical

Maximum Operating Current (mA): 2200

Hardware & Interface Connectivity

Type of Drive:	Precision Worm Gear	Power Supply:	48 VDC
Computer Interface:	RS-232		

Environmental & Durability Factors

Operating Temperature (°C): 0-50

Technical Information

Products

Stage Size (mm)	Type	Travel (°)	Encoder	Stock Number	Price	Buy
450.4 x 395.5 x 210.1	English or Metric	360	Yes	#70-571	C\$26,376.00	1 In Stock
652.1 x 497.5 x 210.1	English or Metric	360	Yes	#70-572	C\$27,944.00	Contact Us



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