ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

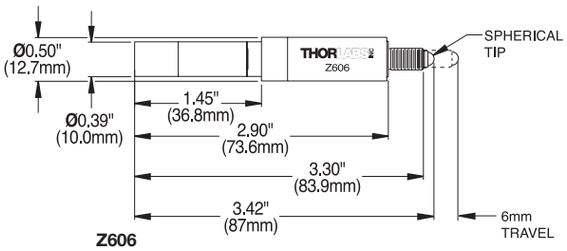
Find the *ThorLabs Z612B* at our website: *Click HERE*

15 ActuatrsAdjustrs 369-382.qxd 12/1/05 6:43 PM Page 376



Motorized Actuators - DC Servo





Z606

Our Z6-series motorized micrometers are engineered for use with optical positioning devices. Their high-resolution design in a lightweight and compact package makes these actuators ideally suited for demanding optical laboratory automation applications. Additional features include an optical encoder for closed-loop operation as well as built-in limit switches that provide overdrive protection.

The Z606 model has been designed specifically for use in mirror mounts that have 1/4"-80 manual adjusters. Just remove the existing 1/4"-80 drive screw and thread in our Z606 actuator. See page 333 for details of our OptoDC motor driver.

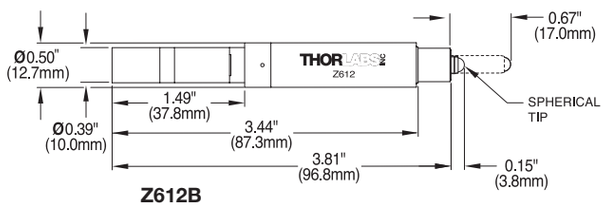
- Motorized Actuator: 12V DC Servo Motor
- Mirror Mount Drop-in Replacement for 1/4"-80 Actuators
- Actuator Travel: 6mm, 12mm & 25mm
- 0.05µm Minimum Incremental Movement
- Backlash < 8µm (Before Software Compensation)
- Compatible with Many Standard Controllers/Drivers
- Limit Switches Prevent Accidental Actuator Damage
- High Precision Rotary Encoder (48 counts per revolution) (48 count encoder x 256:1 Gear Head = 12,288 Counts Per Revolution)

6mm Travel (1/4"-80 Barrel)

ITEM#	$	£	€	¥	DESCRIPTION
Z606	$427.25	£320.44	€448,61	¥72,632	6mm Motorized Actuator, 1/4"-80
Z606V	$439.00	£329.25	€460,95	¥74,630	6mm Vacuum Rated Actuator, 1/4"-80



2 Models:
- Ø3/8" Barrel
- 1/4"-80

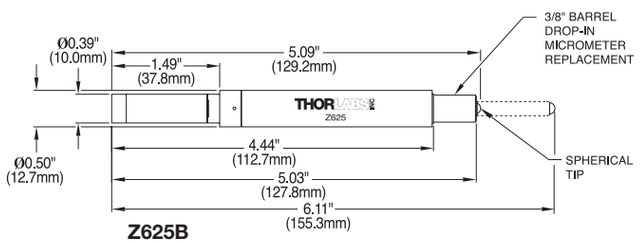


Z612B

12mm Travel (2 Designs, 3/8" Diameter Barrel and 1/4"-80)

ITEM#	$	£	€	¥	DESCRIPTION
Z612	$429.50	£322.12	€450,98	¥73,015	12mm Motorized Actuator, 1/4"-80
Z612B	$420.00	£315.00	€441,00	¥71,400	12mm Motorized Actuator, 3/8" Barrel
Z612V	$452.00	£339.00	€474,60	¥76,840	12mmVacuum Rated Actuator, 1/4"-80
Z612BV	$452.00	£339.00	€474,60	¥76,840	12mm Vacuum Rated Actuator, 3/8" Barrel

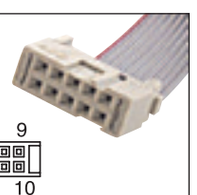




Z625B

PIN	
PIN1	MOTOR(+)
PIN2	Vcc
PIN3	ENC CHANNEL A
PIN4	ENC CHANNEL B
PIN5	GND
PIN6	MOTOR(-)
PIN7	LIMIT GROUND
PIN8	FORWARD LIMIT
PIN9	REVERSE LIMIT
PIN10	NO CONNECTION

* PIN 1 DENOTED BY ARROW ON THE SIDE OF CONNECTOR



25mm Travel (3/8" Diameter Barrel)

ITEM#	$	£	€	¥	DESCRIPTION
Z625B	$ 450.00	£ 337.50	€ 472,50	¥ 76,500	25mm Motorized Actuator, 3/8" Barrel
Z625BV	$ 468.00	£ 351.00	€ 491,40	¥ 79,560	25mm Vacuum Rated Actuator, 3/8"Barrel

Vacuum Option

Our new vacuum compatible, motorized actuators offer the same great functionality as our standard actuators, but with vacuum rated servo-motors, phosphorus bronze internal coupling mechanism, and high vacuum grease - see price boxes.

- Vacuum Rating to 10^{-6} Torr
- Ø3/8" or 1/4"-80 Mounting Barrel

Sales: 973-579-7227

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP