



Please order according to the diagram

①~⑤ Select the type and parameters in the order for ordering.

Model(①Code) — ② Specification — ③ Photoelectric Switch Position — ④ Voltage Selection — ⑤ Cable Selection

RCGAB

6075

L

A

4



Price Excluding Tax (Yuan)

Quantity	1~9	10~
Price	100%	Separate Quotation



CAD 2D 3D

Code	Type	Transmission Direction	Transmission Method	Body Material	Surface Treatment
RCGAB	Cross Roller Guide	α-Axis	Ball Screw	Aluminum Alloy	Black Anodizing

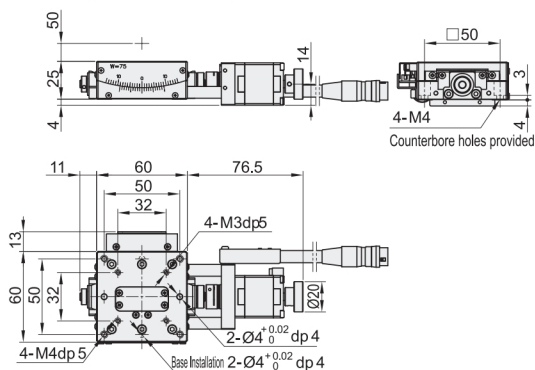
❏ Features: High durability, improved acceleration and deceleration performance, reduced backlash, low price.

❗ Lead: 1mm. For other leads, please consult separately.

❗ Motor: For high torque, high resolution, or servo motors, please consult separately.

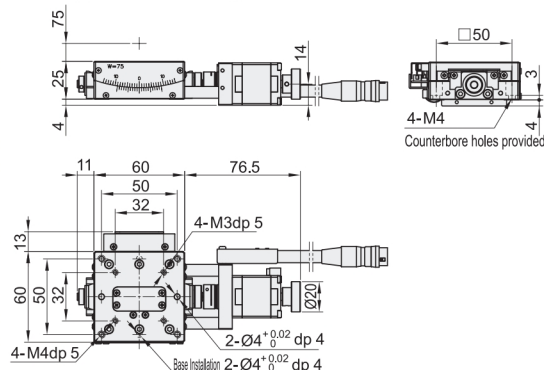
Specification : 6050

❗ Illustration (CAD) for Photoelectric Switch Position: Indicated as R (right side of motor), opposite for the left side.



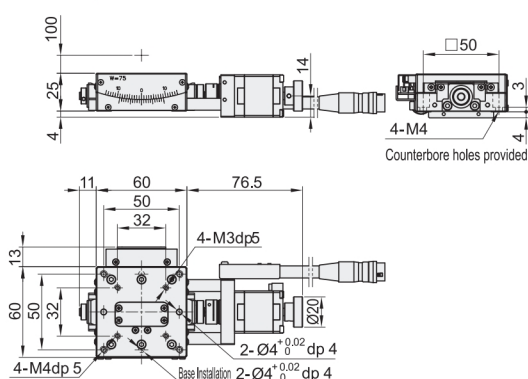
Specification : 6075

❗ Illustration (CAD) for Photoelectric Switch Position: Indicated as R (right side of motor), opposite for the left side.



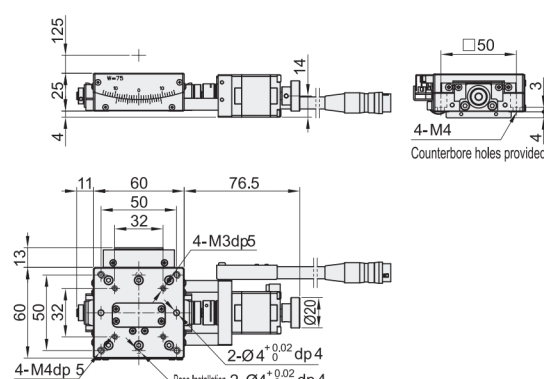
Specification : 60100

❗ Illustration (CAD) for Photoelectric Switch Position: Indicated as R (right side of motor), opposite for the left side.



Specification : 60125

❗ Illustration (CAD) for Photoelectric Switch Position: Indicated as R (right side of motor), opposite for the left side.



Model		Photoelectric Switch Position	Voltage Selection	Cable Selection	Table Size (mm)	Reduction Ratio (Degrees/Revolution)	Travel Distance (°)
Code	Specification						
RCGAB	6050		N(No)	N(No)	60×60	1.01414	± 8.5
	6075	L (Motor Left Side)	A(Fenghua Driver)	2(2m Long Cable)		0.70303	± 5.5
	60100	R(Motor Right Side)	B(Mingzhi Driver)	4(4m Long Cable)		0.538	± 5
	60125	❗ Detailed Driver Parameters: See table below		❗ Connector Type: HRS-12P Connector		0.43571	± 4

- ❗ When using your own cables, please utilize the HR10A-10P-12S(73)(HRS) 12-pin socket connector. ❗ Sensors: NPN open-circuit output, home + limit, sensor voltage 24V, with a current draw below 8mA.
- ❗ Grounding wire is required to avoid static interference. ❗ The displacement stage operates with low-voltage signals. When routed alongside high-voltage cables, there may be signal interference. It is imperative to implement shielding measures.
- ❗ Reduction Ratio: It refers to the rotational angle of the tabletop per one full rotation of the motor.

Model	Motor	Rotation Center Height (mm)	Repeatability (Positioning Accuracy) (°)	Load Capacity (kgf)	Weight (kg)
Code	Specification				
RCGAB	6050	50±0.2	± 0.005	5	0.5
	6075	75±0.2			
	60100	100±0.2			
	60125	125±0.2			

❏ Driver Parameter Table

Driver	A (Fenghua Driver)	B (Mingzhi Driver)
Voltage	DC12-40V	DC12-48V
Drive Current	0.5-2.6 A/phase	0.3-2.2 A/phase
Subdivision	16 speed	16 speed