

Economy Electric Displacement Stage ▶ X-Axis

Linear Ball Guide with Built-in Photoelectric Switch



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

RCXOA — 6015 — L — A — 4



DiscoUnited Price	
Quantity	Price
1~9	100%
10~	Separate Quotation

Price Excluding Tax (¥/unit)



CAD 2D

Code	Type	Transmission Direction	Transmission Method	Body Material	Surface Treatment
RCXOA	Linear Ball Guide	X-Axis	Ball Screw	Aluminum Alloy	Black Anodizing

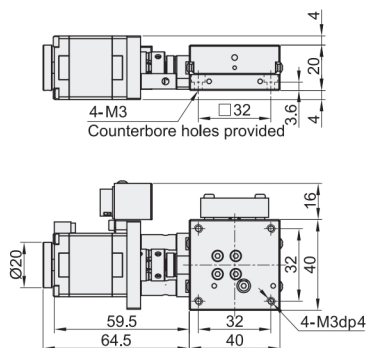
❏ Features: High durability, improved acceleration and deceleration performance, reduced backlash, low price.

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

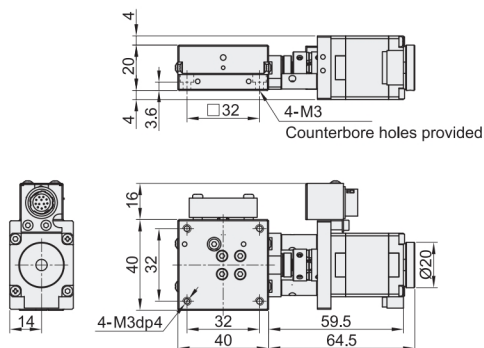
❏ Motor: For high torque, high resolution, or servo motors, please consult separately.

Specification #015

Photoelectric Switch Position : L

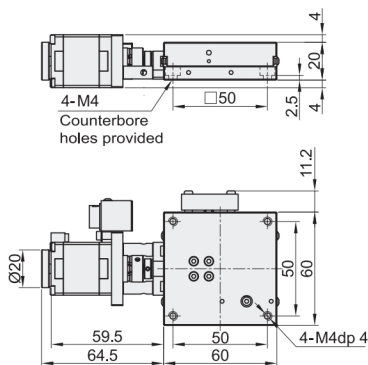


Photoelectric Switch Position : R

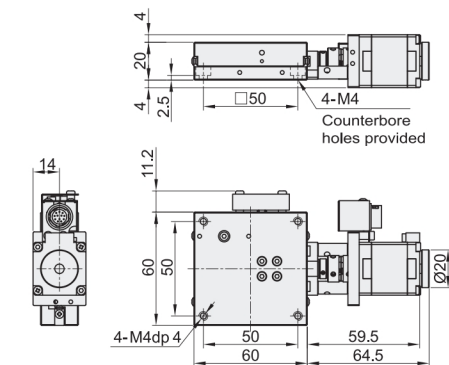


Specification : 6015

Photoelectric Switch Position : L



Photoelectric Switch Position : R



Model		Photoelectric Switch Position	Voltage Selection	Cable Selection	Table Size (mm)	Stroke (mm)	Motor	Maximum Speed (mm/ sec)
Code	Specification							
RCXOA	4015	L (Motor Left Side)	N (No) A (Fenghua Driver)	N (No) 2 (2m Long Cable)	40×40	± 7.5	Two-phase Stepper Motor	10
	6015	R (Motor Right Side)	B (Mingzhi Driver)	4 (4m Long Cable)	60×60			
	❗ Detailed Driver Parameters: See table below			❗ Connector Type: HRS-12P Connector				

❏ When using your own cables, please utilize the HR10A-10P-12S(73)(HRS) 12-pin socket connector.

❏ Grounding wire is required to avoid static interference.

❏ Sensors: NPN open-circuit output, home + limit, sensor voltage 24V, with a current draw below 8mA.

❏ 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.

❏ Driver Parameter Table

Model		Unidirectional Positioning Accuracy (μm)	Repeatability Positioning Accuracy (μm)	Reverse Clearance (μm)	Parallelism (μm)	Straightness (μm)	Load Capacity (kgf)	Weight (kg)	Driver	
Code	Specification								Driver	
RCXOA	4015	< 15	± 1.5	< 3	< 20	< 3	10	0.36	A (Fenghua Driver)	B (Mingzhi Driver)
									Voltage	DC12-40V
	6015								Drive Current	0.5-2.6 A/phase
									Subdivision	16 speed