

Electric Displacement Stage

Z-Axis Cross Roller Guide



Please order according to the diagram

①~④ Select the type and parameters in the order for ordering.

Model(①Code) — ② Specification — ③ Voltage Selection — ④ Cable Selection
RCAFA — 6010 — A — 4



Disco/United Price		
Quantity	1~9	10~
Price	100%	Separate Quotation

Price Excluding Tax (Yuan)

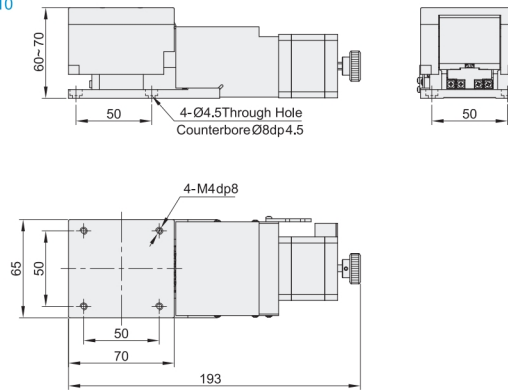


CAD 2D 3D

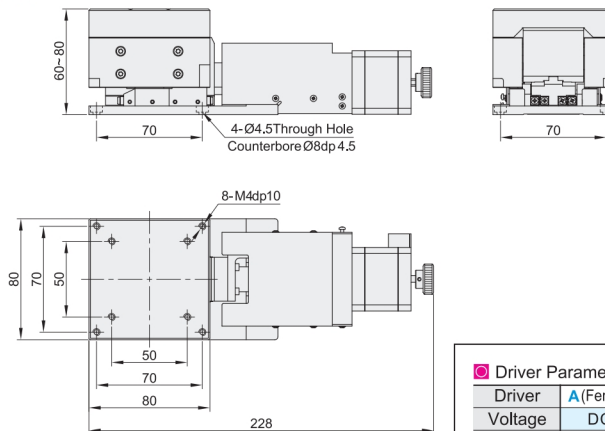
Code	Type	Transmission Direction	Transmission Method	Material	Surface Treatment
RCAFA	Cross Roller Guide	Z-Axis	Ball Screw	Aluminum Alloy	Black Anodizing

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

Specification :6010



Specification :8020



Driver Parameter Table

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

Model		Voltage Selection	Cable Selection	Table Size (mm)	Stroke (mm)	Motor		Speed Ratio	Connector
Code	Specification					Type	Rated Current(A)		
RCAFA	6010	Unspecified(No Drive) A(Fenghua Driver)	Unspecified(No Cable) 2(2m Long Cable)	60×60	10	Two-phase stepper motor	2	1:2	D-SUB-15P
	8020	B(Mingzhi Driver) ① Detailed Driver Parameters See table below	4(4m Long Cable) ① Connector Type HRS-15P Connector	80×80	20				

Model		Screw Lead (mm)	Maximum Speed (mm/sec)	Unidirectional Positioning Accuracy (mm)	Repeatability Positioning Accuracy (mm)	Reverse Clearance (mm)	Parallelism (mm)	Move Parallelism (mm)	Load Capacity (kgf)	Weight (kg)
Code	Specification									
RCAFA	6010	1	5	0.01	±0.001	0.005	0.05	0.03	6	1.2
	8020								10	1.5

① Grounding wire is required to avoid static interference.

① Sensors: NPN open-circuit output, home + limit, sensor voltage 24V, with a current draw below 8mA.

① Reduction Ratio: It refers to the rotational angle of the tabletop per one full rotation of the motor.

① 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.