

Electric Displacement Stage ▶ XY-Axis·Long Stroke Type

Linear Ball 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

RCBCA

5020

A

4

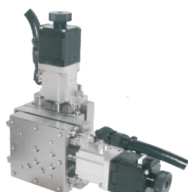


Price Excluding Tax (Yuan)

Discounted Price

Quantity 1~9 10~

Price 100% Separate Quotation

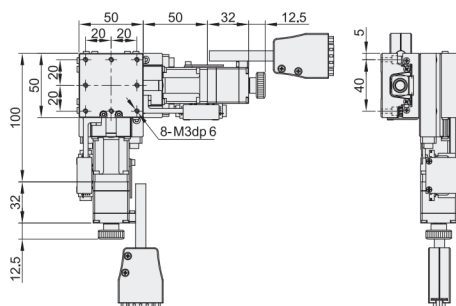
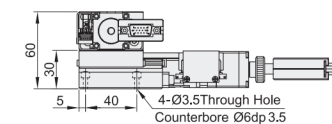


CAD 2D

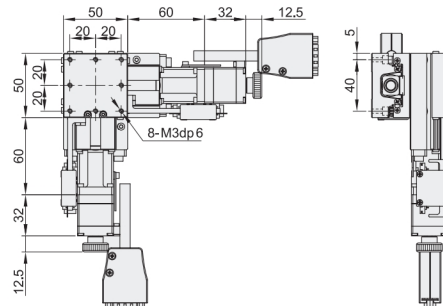
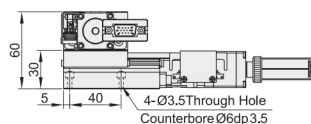
Code	Type	Transmission Direction	Transmission Method	Material	Surface Treatment
RCBCA	Linear Ball Guide	XY-Axis	Ball Screw	Stainless Steel	Electroless Nickel Plating

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

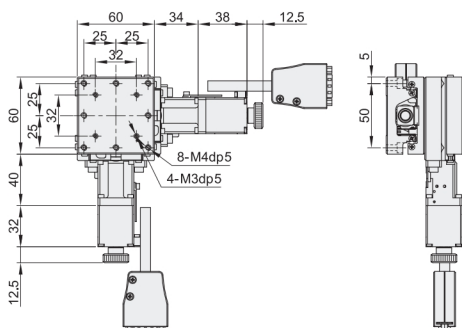
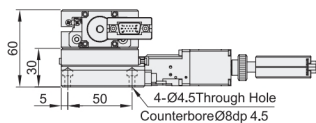
Specification :5020



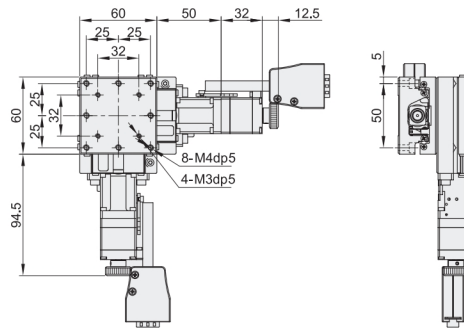
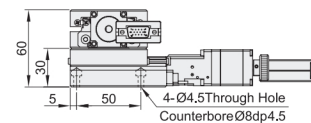
Specification :5030



Specification :6020



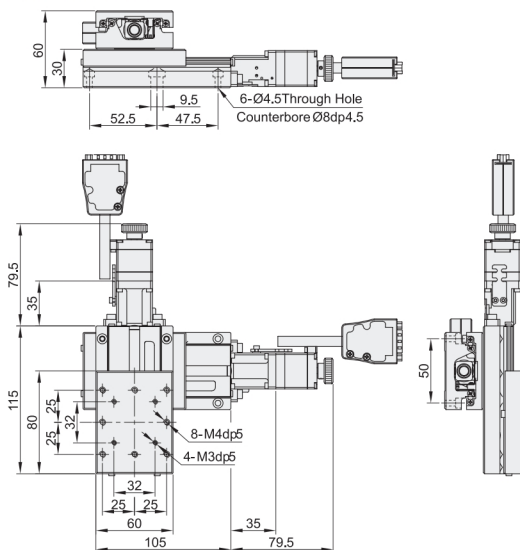
Specification :6030



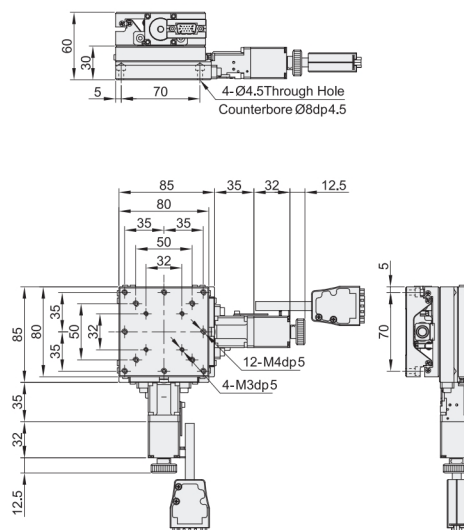
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Linear Ball Guide

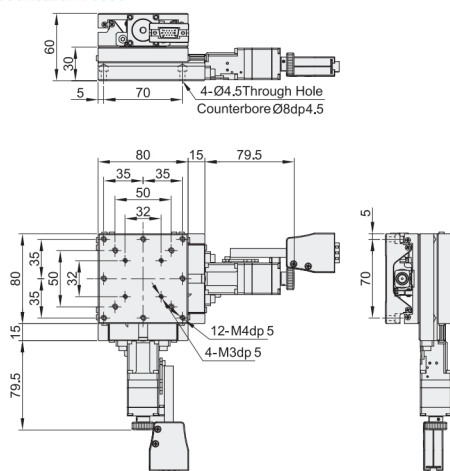
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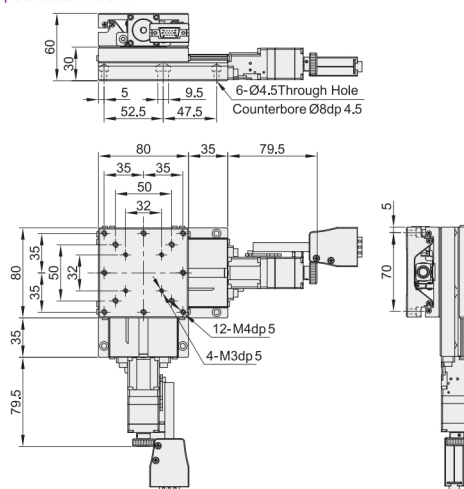
Specification :8020



Specification :8030



Specification :8050



Model		Voltage Selection	Cable Selection	Table Size (mm)	Stroke (mm)	Motor	Connector	Maximum Speed (mm/sec)	One-way Positioning Accuracy (mm)	Repeatability Positioning Accuracy (mm)	Reverse Clearance (mm)	Parallelism (mm)	Motion Parallelism (mm)	Load Capacity (kgf)	Weight (kg)
Code	Specification														
RCBCA	5020	Unspecified (No Drive) A(Fenghua Driver) B(Mingzhi Driver) Detailed Driver Parameters See table below	Unspecified(No Cable) 2(2m Long Cable) 4(4m Long Cable) Connector Type HRS-15P Connector	50×50	±10	Two-phase stepper motor	D-SUB-15P	10	0.01	±0.001	0.005	0.06	0.01	5.5	1.4
	5030			60×60	±15										1.5
	6020			60×60	±10										1.6
	6030			60×80	±15									8	2.4
	6050			60×80	±25										2.6
	8020			80×80	±10										3.0
	8030			80×80	±15										2.6
	8050			80×80	±25									10	3.0

① Sensors: Limit + Home, NPN open-circuit output.

② Grounding wire is required to avoid static interference.

③ 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

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