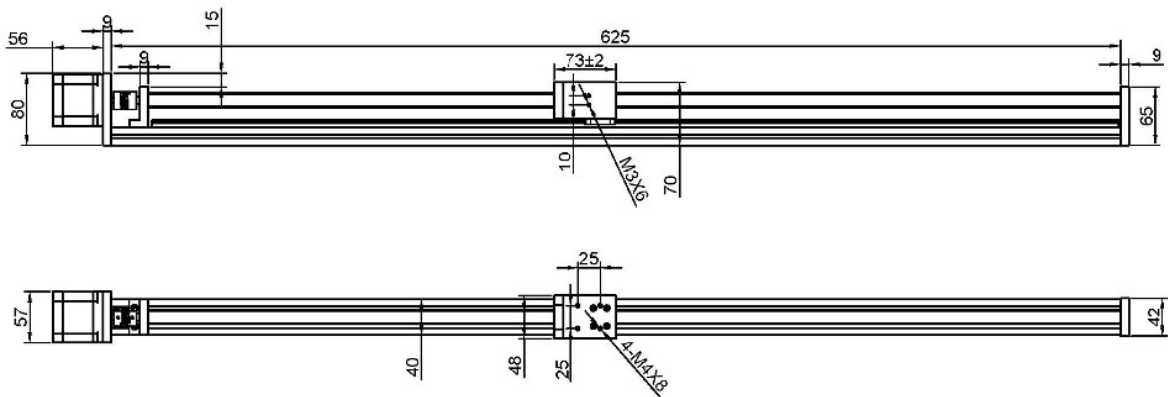




FUYU FSL40E50010C7
Ball screw linear guideway

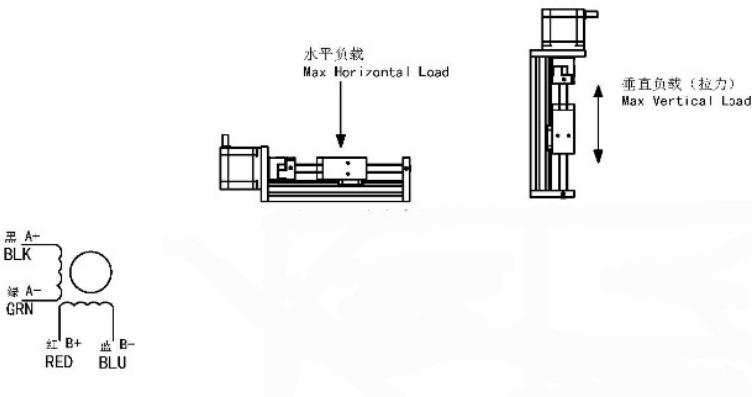
- Years of experience
- Reliable quality
- Low noise
- High precision
- OEM/ODM service

Mechanical Dimensions

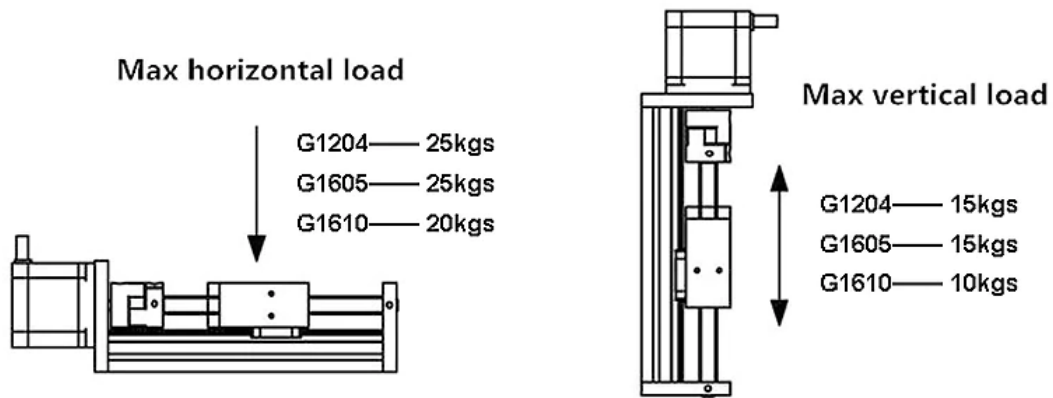


(Unit :mm)

Technical parameters	
丝杆规格 Ball screw	G1605
丝杆精度 Ball screw accuracy	C7
水平负载 Max Horizontal Load	40 Kg
垂直负载 Max Vertical Load	10 Kg
有效行程 Effective Stroke	500mm
空载最高转速 Max speed (no load)	0-100 mm/s
电机参数 Motor Parameters	
步距角 Step angle	1.8°
相数 Number of phase	2
额定电流 Rated current	2.0A
保持转矩 Holding torque	0.95N.m
电机长度 Motor length (L1)	56



Load Capacity



Ball Screw Model	Stroke	Travel Lifetime	Noise	Horizontal Loading	Vertical Loading	None Loading Speed	Horizontal Full Loading Speed	Vertical Full Loading Speed
G1610	50~1000(mm)	10000km	70(dB)	20(kg)	10(kg)	250(mm/s)	230(mm/s)	55(mm/s)

Please be reminded that we make G1610 as default ball screw model for whole FSL40 linear guide, still accept customization

Ball screw parameters

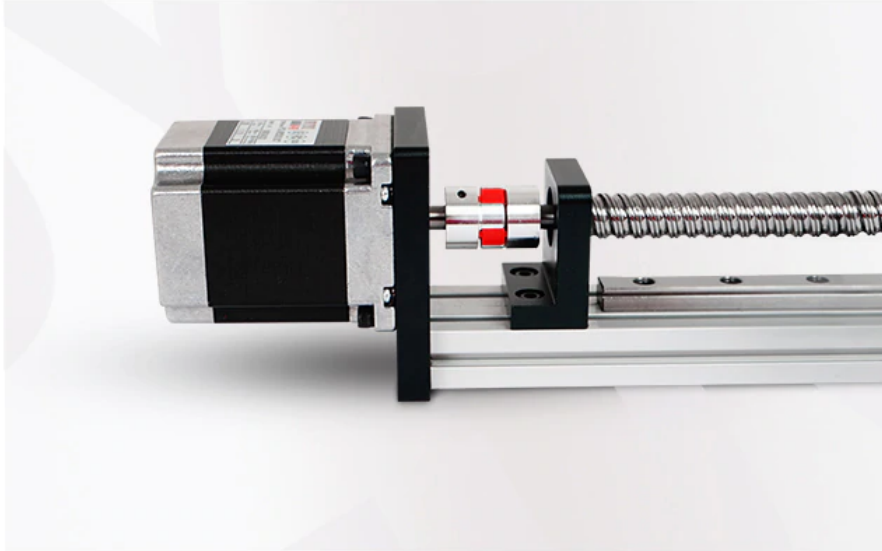
Ball screw model	Screw dia.(mm)	Lead(mm)	Accuracy
1610	16	10	C7

Motor parameters

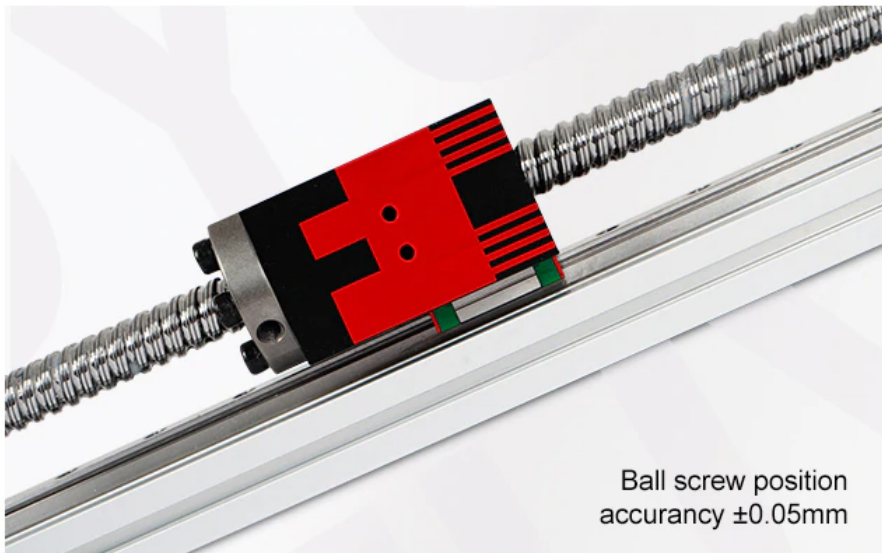
Model No	Step angle	Motor flange size	Motor length	Holding torque	Current	Resistance	Inductance	Rotor Inertia	Lead wire
	(°)	(mm)	L (mm)	(N.m)	(A)	(Ω)	(mH)	(g.cm ² ;))	(No.)
FM5756SFD04	1.8	57	56	0.93	2.0	1.32	3.19	188	4

Detailed Images

FSL40 OPEND LINEAR GUIDE



Special made motor with max speed up to 1200rpm



Ball screw position
accuracy $\pm 0.05\text{mm}$

FSL40 OPEND LINEAR GUIDE



Related XYZ Stage Products



FSL40XYZ-L



FSL40XYZ-X



FSL40XY-X



FSL40XYZ-T



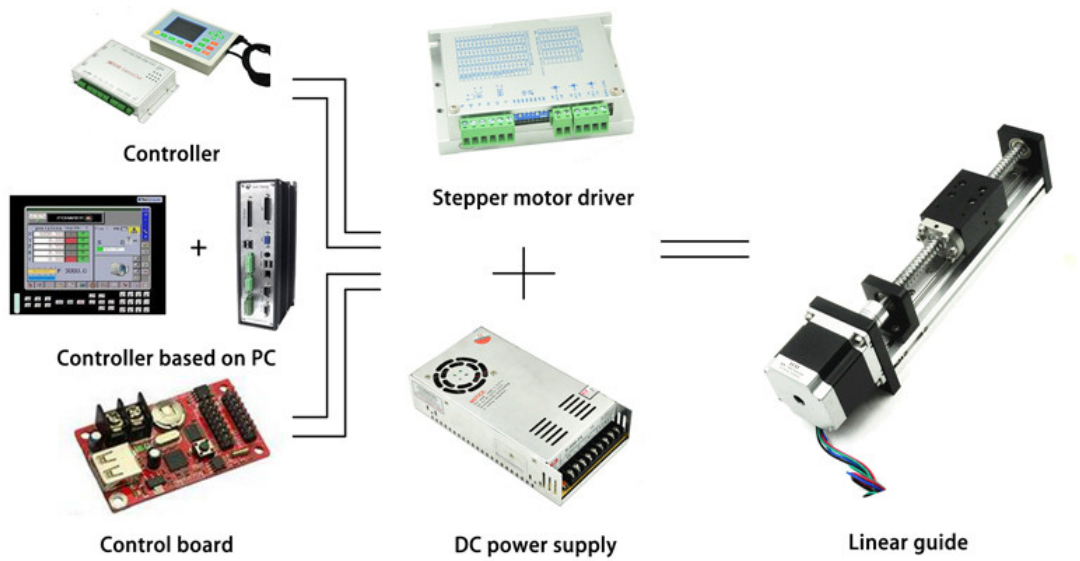
FSL40XY-T



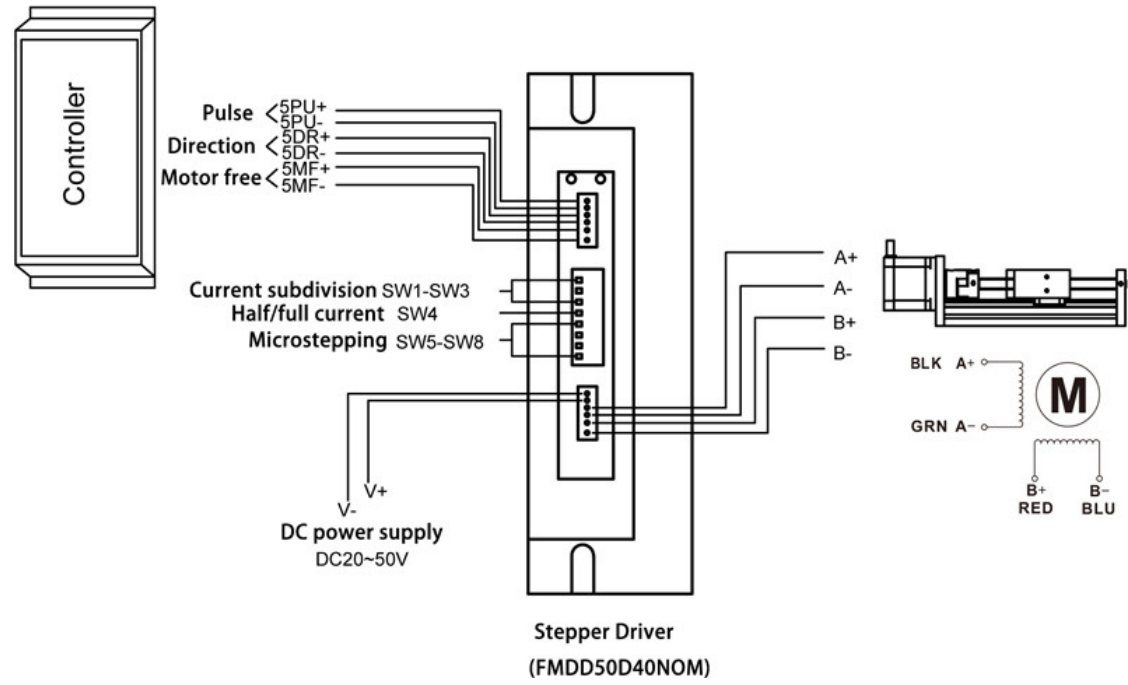
FSL40XY-S

How to use our linear guide

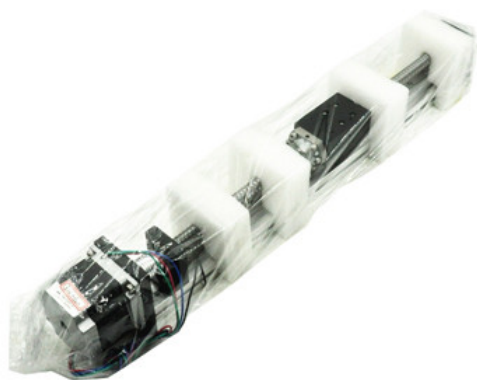
How to use our linear guide?



Wire Diagram



Package



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Inner package:

Foam + waterproof film

Outer package:

Carton

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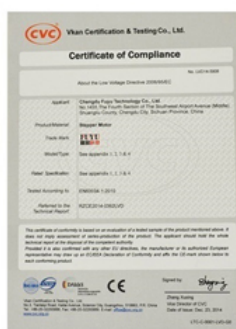
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Our main products:

1. Linear motion guide
2. Hybrid stepper motor from nema 11 to nema 51, 2 phase and 3 phase
3. Linear stepper motor (lead screw and ball screw)
4. Stepper motor with gearbox
5. Stepper motor driver
6. High-precision planetary gearbox for stepper motor and servo motor



ROHS



CE



ACCESSED SUPPLIER



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Buying notes

1, Product sources

All the products sold in this store are FUYU brand, factory-direct sale, no branch.

2, Model selection

Before purchasing, please contact us to confirm the model no and specifications to avoid any misunderstanding. Before our production, we will offer drawings for you to confirm.

- **3,Payment**

Payment should be fully paid online before production.

- **4,Delivery**

Product will be delivered within 7 bussiness days and the seller will choose the proper shipping method for the buyer including but not limited to DHL, UPS, EMS, ARAMEX.

- **5,After-sale service**

Any flaws found by customers within 30 days upon receiving the goods could be changed to new products. Free maintenance within 12 months. Lifetime technical support.
