

LINEAR MOTION
SYSTEM INTELLIGENT
PRODUCTS
MANUFACTURER



Economical and practical screw module, high cost performance, suitable for medium and low load, medium speed requirements, stable environment conditions. It can be combined with single axis or multi axis, and it is convenient to match the workpieces required by various industries, so it becomes the most simple and practical manipulator.

Maximum Load

50kg

maximum speed

400mm/s

Repeat positioning
accuracy

±0.02mm

Longest travel

1000mm

FUYU TECHNOLOGY CO.,LTD

FSK

OPEN SCREW MODULE

WEAR-RESISTANT AND DURABLE
SIMPLE STRUCTURE



FSK30

30mm
width
300mm
max stroke
3kg
max payload



FSK40

40mm
width
1000mm
max stroke
25kg
max payload



FSK80

80mm
width
1000mm
max stroke
50kg
max payload

FSK30 LINEAR GUIDE



[mm] Effective Stroke	50~300	[kg] Vertical reference Loading	1	[kg] Horizontal reference Loadings	3
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FSK30-ORDERING METHOD

FSK30

04

E300

BC

B28

Screw module - FSK series

Effective trip

Motor position

Brand name

Model

Wide(mm)

FSK30

30

Screw Outer Diameter

Wide(mm)

Ø8

50-300

Motor folding direction

BC

Motor Exposed

Stepping motor

B28

28X32

※ B35

35X36

Lead

screw lead

02

2mm

04

4mm

12

12mm

FSK30-OPTIONAL ACCESSORIES

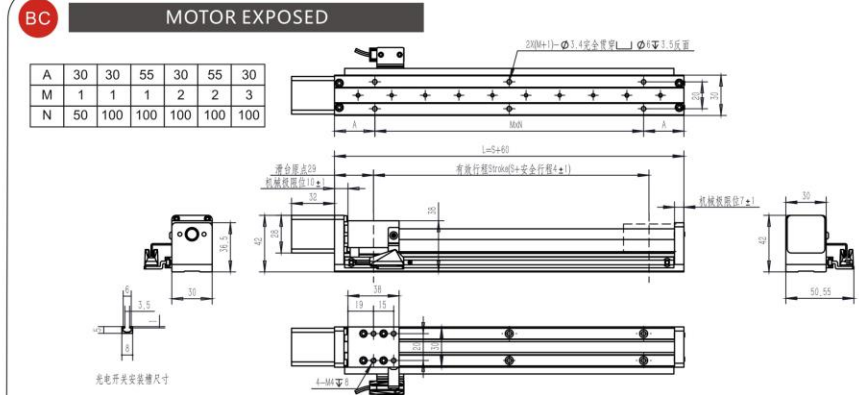
Touch screen	Controller	Limit switch	DC power model	Drive model
TPC7062HW	FSC-2A	FPS-1A-NPN-NO	LRS-100-24	FMDD36D22NOM
	FMC4030	FML-(NPN/PNP)	LRS-350-24	

FSK30-DIMENSIONAL DRAWING

TECHNICAL PARAMETER

[mm] Position Accuracy			±0.02																	
[mm] Ladder type Screw Diameter			φ8						φ8						φ8					
[mm] Lead			2						4						12					
2832 stepper motor	Horizontal	[kg] loadings	0.5	1.0	1.5	2.0	2.5	3.0	0.5	1.0	1.5	2.0	2.5	3.0	0.5	1.0	1.5	2.0	2.5	3.0
		[mm/s] Speed	40	40	40	40	40	40	80	80	80	80	80	80	240	240	220	220	200	200
	Side Mounted	[mm/s] Speed	40	40	40				80	80	80				240	240	220			
		[mm/s] Speed	40	40	30	30				80	80	60	60				240	200		
	Down Mounted	[mm/s] Speed	40	40	40				80	80	80				240	240	200			
		noise[dB]	< 65																	
3536 stepper motor	Horizontal	[kg] loadings	0.5	1.0	1.5	2.0	2.5	3.0	0.5	1.0	1.5	2.0	2.5	3.0	0.5	1.0	1.5	2.0	2.5	3.0
		[mm/s] Speed	40	40	40	40	40	40	80	80	80	80	80	80	240	240	200	200	200	180
	Side Mounted	[mm/s] Speed	40	40	40	40				80	80	80	80				240	240	220	200
		[mm/s] Speed	40	40	40	40				80	80	60	60				240	200	150	
	Down Mounted	[mm/s] Speed	40	40	40				80	80	80				240	220	200			
		noise[dB]	< 65																	
[°C] Storage temperature			-15°C—+60°C																	

FSK30-DIMENSIONAL DRAWING



[mm] Stroke	50	100	150	200	250	300													
[mm] Linear Guide	28	142	192	242	292	342	392												
Total Length	0.5	0.6	0.7	0.8	0.9	1.0													
[kg] Weight	35	146	196	246	296	346	396												

The installation length of nut shall be subject to the actual situation

FSK40 LINEAR GUIDE



[mm] Effective Stroke	50~1000	[kg] Vertical reference Loading	15	[kg] Horizontal reference Loadings	25
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FSK40-ORDERING METHOD

FSK40		C7		10		E300		BC		B57		S	
Screw module - FSK series				Lead		Motor position				● 厂牌 Brand name			
Model		Wide(mm)		screw lead		Motor folding direction				Servo motor			
FSK40		40		05 5mm		BC Motor Exposed				P 10:100W			
				10 10mm						T 20:200W			
				16 16mm						Y			
										M			
Repeated Positioning Accuracy				Effective trip						Stepping motor			
Screw accuracy				Screw Outer Diameter		Wide(mm)						※ B57 57X56	
C7		±0.02		Ø12		50-500						B60 60X102	
				Ø16		50-1000							
										● brake			
										Extra Enquiry If Need Brake			

FSK40-OPTIONAL ACCESSORIES

Touch screen	Controller	Limit switch	DC power model	Drive model
TPC7062HW	FSC-2A	SN04-N	PMT-24V350W	FMDD50D40NOM
	FMC4030	FML-(NPN/PNP)	PMT-24V100W	
			PMT-24V50W	
			LRS-100-24	
			LRS-350-24	

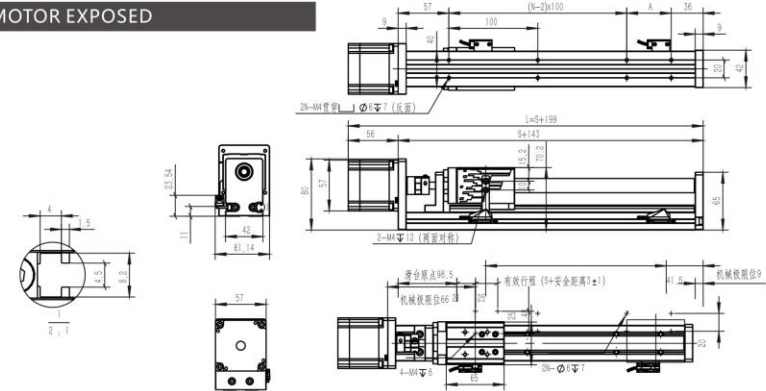
FSK40-DIMENSIONAL DRAWING

TECHNICAL PARAMETER

[mm] Position Accuracy			±0.02									
[mm] Ball Screw Diameter			φ16					φ16				
[mm] Lead			5					10				
5756 stepper motor	Horizontal	[kg] loadings	5	10	15	20	25	5	10	15	20	25
		[mm/s] Speed	100	100	100	100	90	200	200	200	200	180
	Side Mounted	[mm/s] Speed	100	100	80			200	180	150		
	Vertical	[mm/s] Speed	100	100	80	60			200	180	120	80
	Down Mounted	[mm/s] Speed	100	100	80			200	180	150		
	noise[dB]		≤65									
400W AC Servo Motor	Horizontal	[kg] loadings	5	10	15	20	25	5	10	15	20	25
		[mm/s] Speed	200	200	200	200	200	400	400	400	400	400
	Side Mounted	[mm/s] Speed	200	200	180			400	400	350		
	Vertical	[mm/s] Speed	200	200	180	180	150	400	400	350	350	350
	Down Mounted	[mm/s] Speed	200	200	180			400	400	350		
	noise[dB]		≤65									
[°C] Storage temperature			-15°C—+60°C									

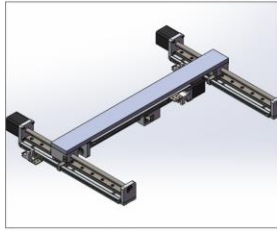
FSK40-DIMENSIONAL DRAWING

BC MOTOR EXPOSED

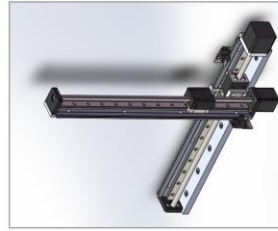


[mm] Stroke	50	100	150	200	250	300	350	400	450	500	600	700	800	900	1000
[mm] Linear Guide Total Length	5756														
	249	299	349	399	449	499	549	599	649	699	799	899	999	1099	1199
[kg] Weight	400W AC Servo Motor														
	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	4.0	4.4	4.8	5.2	5.6

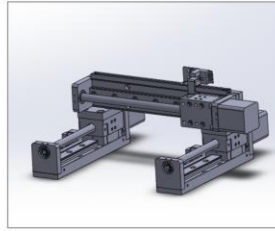
The installation length of nut shall be subject to the actual situation



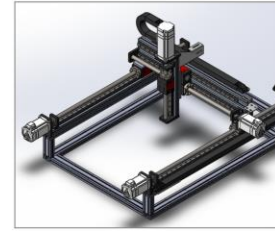
FSK30 XY-H1



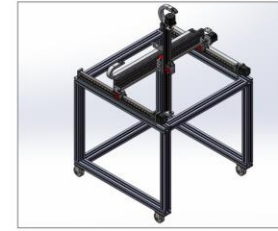
FSK30 XY-X



FSK30-XY-H2



FSK40 XYZ-L



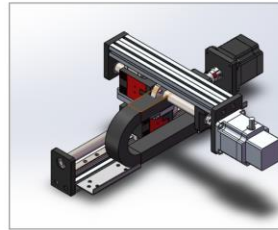
FSK40 XYZ-L



FSK40 XYZ-T



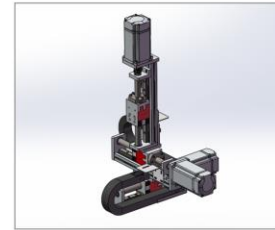
FSK40 XY-H1



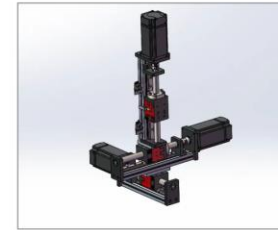
FSK40 XY-S



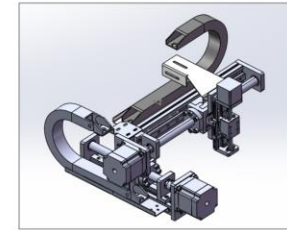
FSK40-FSK30J-XY-X



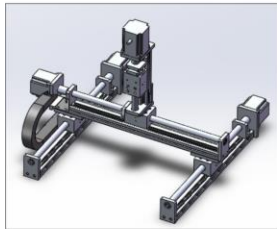
FSK40 XYZ-T



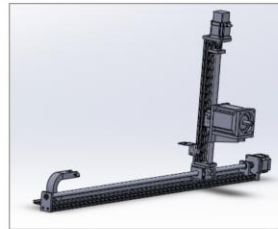
FSK40 XYZ-T



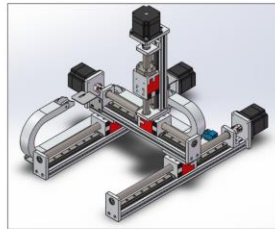
FSK40-FSK30 XYZ-X



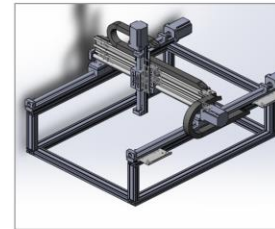
FSK40XY-H1



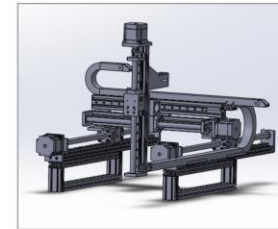
FSK40-XY-T



FSK40 XYZ-H1



FSK40J XYZ-L



FSK40-XY-T



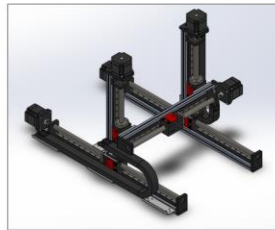
FSK40-XYZ



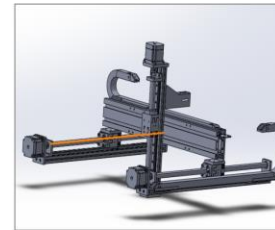
FSK40 XYZ-L



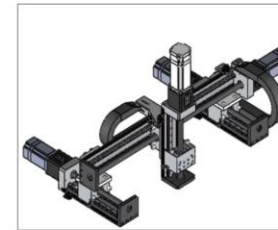
FSK40 XYZ-L



FSK40 XYZ-L



FSK40-XY



FSK80 XYZ-L



FSK80-FSK40-XYZ-T