

直线运动
系统
智造商

LINEAR MOTION
SYSTEM INTELLIGENT
PRODUCTS
MANUFACTURER



经济实用型丝杆模组，性价比高，适用于中低负载中等速度要求，使用环境稳定的条件。可单轴或多轴组合使用，方便搭配各行业所需的工件便成为最简单、实用的机械手臂。

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.

最重负载
Maximum Load

50kg

最高速度
maximum speed

400mm/s

重复定位精度
Repeat positioning accuracy

±0.02mm

最长行程
Longest travel

1000mm

FSK系列
开放式模组

OPEN SCREW MODULE

耐磨耐用 结构简单

WEAR-RESISTANT AND DURABLE
SIMPLE STRUCTURE



本体宽度 30mm
width
最大行程 300mm
max stroke
最大负载3kg
max payload

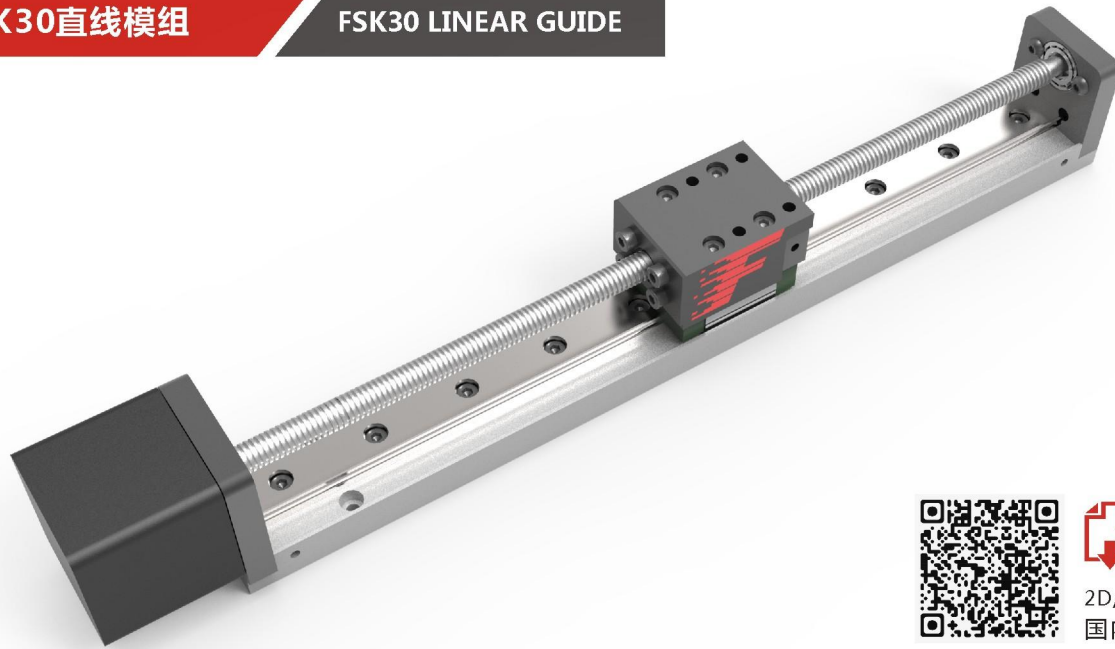


本体宽度 40mm
width
最大行程 1000mm
max stroke
最大负载 25kg
max payload



本体宽度 80mm
width
最大行程 1000mm
max stroke
最大负载 50kg
max payload

FSK30 LINEAR GUIDE



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水平参考负载[kg]
Horizontal reference Loadings

FSK30-ORDERING METHOD

※为标配电机

FSK30-OPTIONAL ACCESSORIES

触摸屏 Touch screen	控制器 Controller	限位开关 Limit switch	直流电源型号 DC power model	驱动器型号 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

重复定位精度[mm] Position Accuracy			±0.02																			
T型丝杆直径[mm] Ladder type Screw Diameter			φ8						φ8						φ8							
T型丝杆行程[mm] Stroke			2						4						12							
2832 步进电机 stepper motor	水平	负载[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		
		速度[mm/s] Speed	40	40	40	40	40	40	80	80	80	80	80	80	240	240	220	220	200	200		
	侧装	速度[mm/s] Speed	40	40	40				80	80	80				240	240	220					
		速度[mm/s] Speed	40	40	30	30				80	80	60	60				240	200				
	垂直	速度[mm/s] Speed	40	40	30	30				80	80	60	60				240	200				
		速度[mm/s] Speed	40	40	40				80	80	80				240	240	200					
噪音noise[dB]			< 65																			
3536 步进电机 stepper motor	水平	负载[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		
		速度[mm/s] Speed	40	40	40	40	40	40	80	80	80	80	80	80	240	240	200	200	200	180		
	侧装	速度[mm/s] Speed	40	40	40	40				80	80	80	80				240	240	220	200		
		速度[mm/s] Speed	40	40	40	40				80	80	60	60				240	200	150			
	垂直	速度[mm/s] Speed	40	40	40	40				80	80	60	60				240	200	150			
		速度[mm/s] Speed	40	40	40				80	80	80				240	220	200					
噪音noise[dB]			< 65																			
储藏温度[°C] Storage temperature			-15℃—+60℃																			

FSK30-DIMENSIONAL DRAWING

[illegible]

行程[mm] Stroke		50	100	150	200	250	300							
模组总长[mm] Linear Guide Total Length	28步进电机 Stepper Motor	142	192	242	292	342	392							
		0.5	0.6	0.7	0.8	0.9	1.0							
重量[kg] Weight	35步进电机 Servo Motor	146	196	246	296	346	396							
		0.5	0.6	0.7	0.8	0.9	1.0							

备注：螺母安装数量会以长度不同而变化，以实际为准。

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

FSK40直线模组

FSK40 LINEAR GUIDE

有效行程[mm]
Effective Stroke 50~1000垂直参考负载[kg]
Vertical reference Loading 15水平参考负载[kg]
Horizontal reference Loadings 25

FSK40 直线模组-型号表示方式

FSK40-ORDERING METHOD

※为标配电机

FSK40	C7	10	E300	BC	B57	S
丝杆模组-FSK系列 Screw module - FSK series 型号 Model FSK40	导程 Lead 丝杆导程 screw lead 05 5mm 10 10mm 16 16mm 有效行程 Effective trip 丝杆外径 Screw Outer Diameter Ø12 50-500 Ø16 50-1000	电机位置 Motor position BC 电机直连 Motor Exposed	厂牌 Brand name P松下 10:100W T台达 20:200W Y安川 M三菱 步进电机 Stepping motor ※ B57 57X56 B60 60X102 刹车 brake 无刹车不表示 Extra Enquiry If Need Brake	电机折向 Motor folding direction BC 电机直连 Motor Exposed	伺服电机 Servo motor P松下 10:100W T台达 20:200W Y安川 M三菱 步进电机 Stepping motor ※ B57 57X56 B60 60X102	

FSK40 直线模组-搭配表

FSK40-OPTIONAL ACCESSORIES

触摸屏 Touch screen	控制器 Controller	限位开关 Limit switch	直流电源型号 DC power model	驱动器型号 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 直线模组-尺寸图

FSK40-DIMENSIONAL DRAWING

TECHNICAL PARAMETER	重复定位精度[mm] Position Accuracy		±0.02									
	滚珠丝杆直径[mm] Ball Screw Diameter		φ16					φ16				
	滚珠丝杆导程[mm] Lead		5					10				
	5756 步进电机 stepper motor	水平 loadings	5	10	15	20	25	5	10	15	20	25
		速度[mm/s] Speed	100	100	100	100	90	200	200	200	200	180
		侧装 Speed	100	100	80			200	180	150		
		垂直 Speed	100	100	80	60		200	180	120	80	
	400W 伺服电机 AC Servo Motor	倒装 Speed	100	100	80			200	180	150		
		噪音noise[dB]	≤65									
		水平 loadings	5	10	15	20	25	5	10	15	20	25
		速度[mm/s] Speed	200	200	200	200	200	400	400	400	400	400

FSK40 直线模组-尺寸图

FSK40-DIMENSIONAL DRAWING

BC

电机直连 MOTOR EXPOSED

行程[mm]
Stroke

50

100

150

200

250

300

350

400

450

500

600

700

800

900

1000

模组总长[mm]
Linear Guide
Total Length

5756步进电机
Stepper Motor

249

299

349

399

449

499

549

599

649

699

799

899

999

1099

1199

重量[kg]
Weight

台达400W伺服电机
AC Servo Motor

318

368

418

468

518

568

618

668

718

768

868

968

1068

1168

1268

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

备注：螺母安装数量 会以长度不同而变化，以实际为准。

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

备注：螺母安装数量 会以长度不同而变化，以实际为准。

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FSK80 LINEAR GUIDE



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水平参考负载[kg]
Horizontal reference Loadings

※为标配电机

 刹车
brake

无刹车不表示
Extra Enquiry If Need Brake

FSK80-OPTIONAL ACCESSORIES

PMT-24V100W
PMT-24V50W
LRS-100-24
LRS-350-24

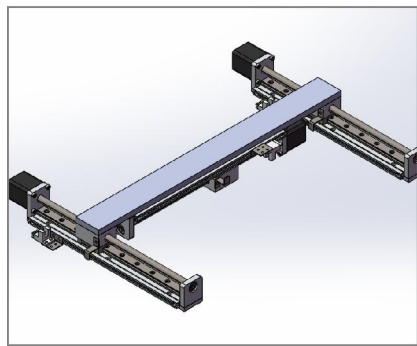
FSK80 TECHNICAL PARAMETER

TECHNICAL PARAMETER

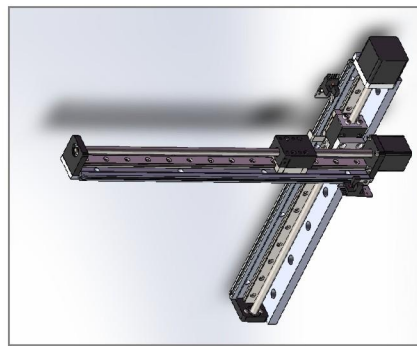
FSK80-DIMENSIONAL DRAWING



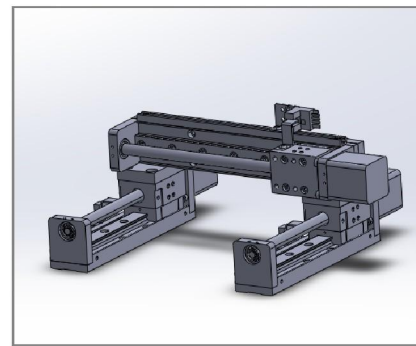
备注：螺母安装数量会以长度不同而变化，以实际为准。 The installation length of nut shall be subject to the actual situation



FSK30 XY-H1



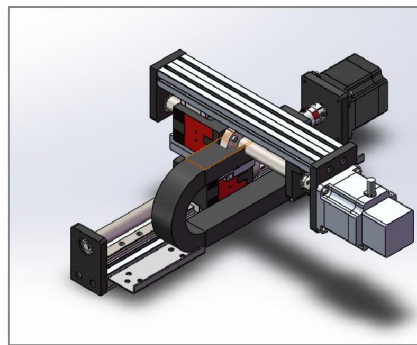
FSK30 XY-X



FSK30-XY-H2



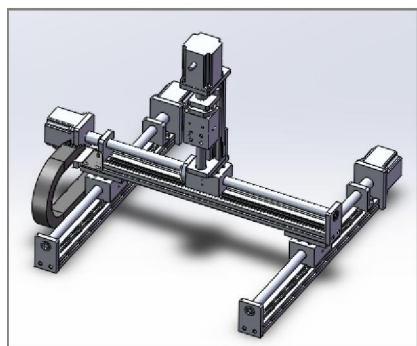
FSK40 XY-H1



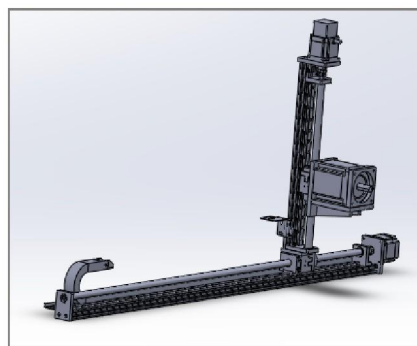
FSK40 XY-S



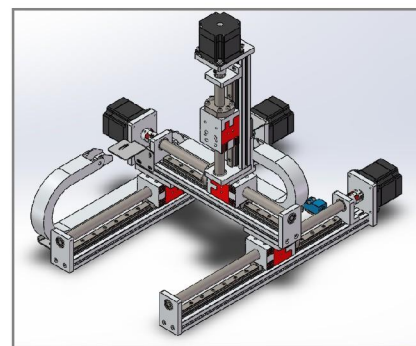
FSK40-FSK30J-XY-X



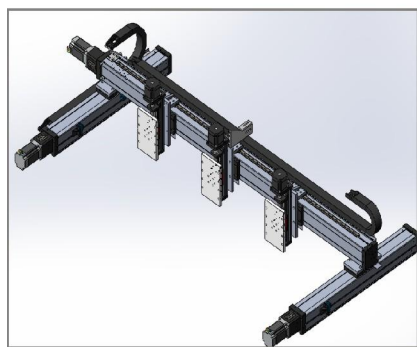
FSK40XY-H1



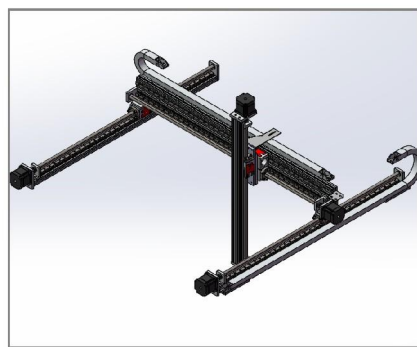
FSK40-XY-T



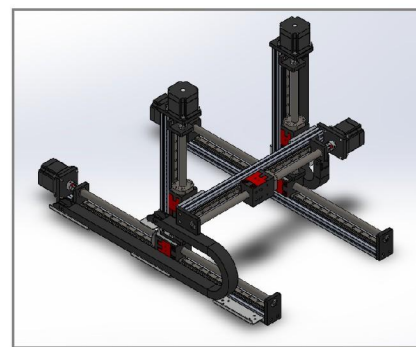
FSK40 XYZ-H1



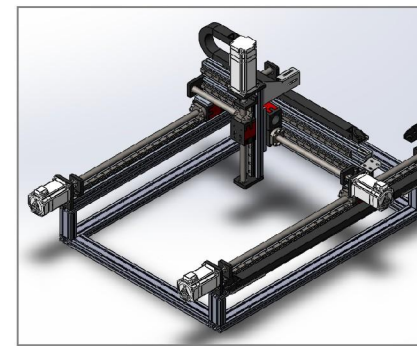
FSK40 XYZ-L



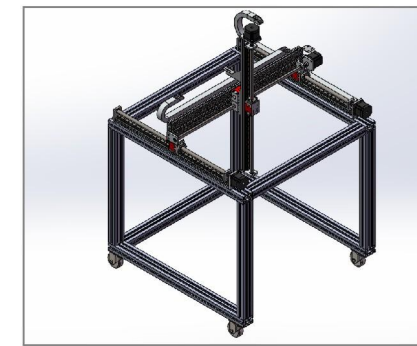
FSK40 XYZ-L



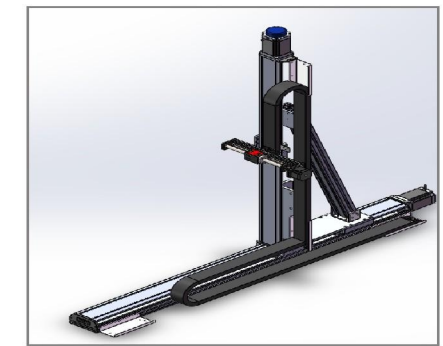
FSK40 XYZ-L



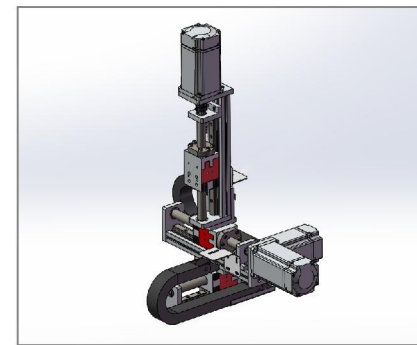
FSK40 XYZ-L



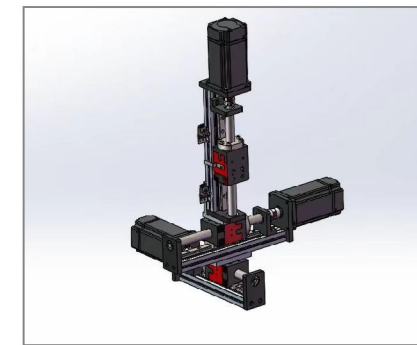
FSK40 XYZ-L



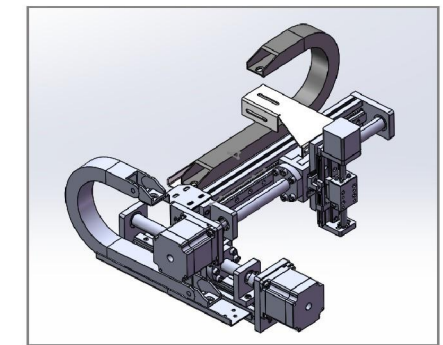
FSK40 XYZ-T



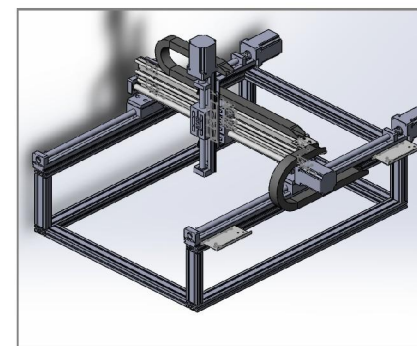
FSK40 XYZ-T



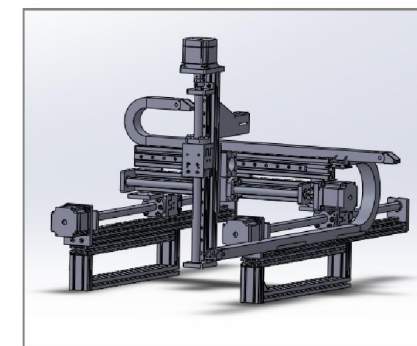
FSK40 XYZ-T



FSK40-FSK30 XYZ-X



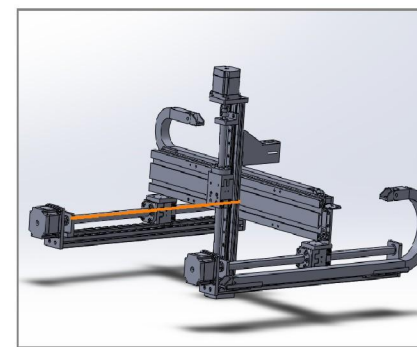
FSK40J XYZ-L



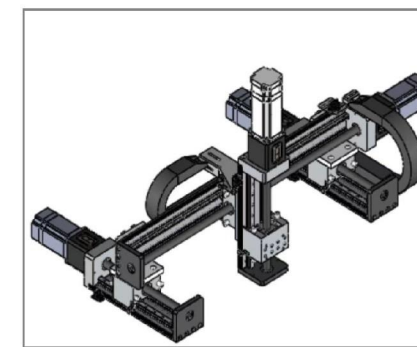
FSK40-XY-T



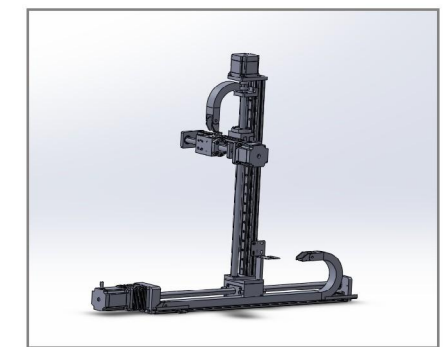
FSK40-XYZ



FSK40-XY



FSK80 XYZ-L



FSK80-FSK40-XYZ-T