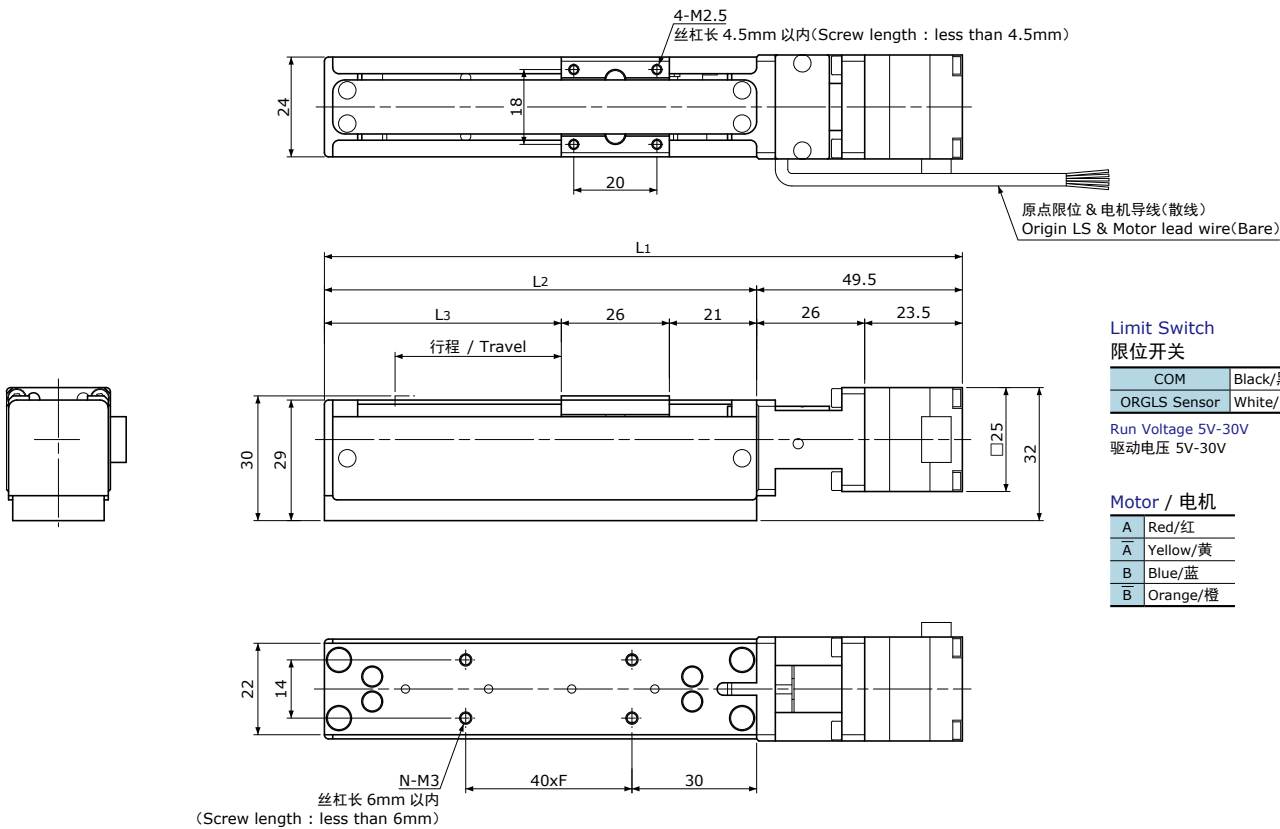


Flex Actuator 灵活可选执行器

2-phase Stepping Motor(Bi-polar 0.7A / phase & □25) with
Rolled Ball Screw type Actuator

带2相步进电机(双极 0.7A / 相 □25)
冷轧滚珠丝杠型执行器

Motor Model / 电机型号 : 10PM-K202B(Single shaft / 单轴)
Minebea Motor / 美蓓亚电机
推荐驱动器 / Driver recommendation : SD4030B3



连接器选择方案

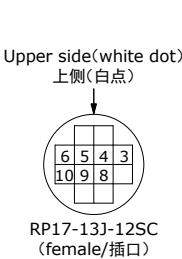
请从下面指定连接器种类。
没有指示的采用散线。

- 1)散线
 - 2)广濑RP17-13J-12SC
 - 3)EI-连接器(TE connectivity制造)
- 6芯(172211-6,电机)+4芯(172211-4,传感器)

Connector choice

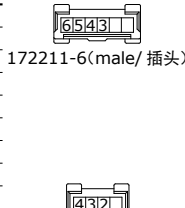
Please designate connector type below.
No connector if there is no designation.

- 1)None(Bare)
 - 2)RP17-13J-12SC(HIROSE)
 - 3)EI-Connector(TE connectivity)
- 172211-6 pins for Motor +172211-4 pins for Sensor



HIROSE RP17 Connector
广濑RP17连接器规格

1	None	无
2	None	无
3	Stepping Motor A	(Red/红)
4	Stepping Motor A	(Yellow/黄)
5	Stepping Motor B	(Blue/蓝)
6	Stepping Motor B	(Orange/橙)
7	None	无
8	COM	(Black/黑)
9	Short circuit with No.8	与8号短路
10	ORGLS Sensor/传感器	NC(White/白)
11	None	无
12	None	无



EI Connector
EI连接器规格

1	None	无
2	None	无
3	Stepping Motor A	(Red/红)
4	Stepping Motor A	(Yellow/黄)
5	Stepping Motor B	(Blue/蓝)
6	Stepping Motor B	(Orange/橙)
7	None	无
8	COM	(Black/黑)
9	Short circuit with No.8	与8号短路
10	ORGLS Sensor/传感器	NC(White/白)
11	None	无
12	None	无

注释

- 1)使用时不得出现结露现象。
- 2)允许力矩是其他方向没有负载时的值。
- 3)分辨率为整步时的值。
- 4)导线为散线及右侧引线时的型号。
- 5)低速时,原点复位时振动可能略有增大。

Note

- 1)There should be no condensation when using.
- 2)Permissible Moment is the number when no load in other direction.
- 3)Resolution represents the values for full step.
- 4)Model number is for no-connector and lead wire is set on right side on Motor.
- 5)Vibration may increase at low speed or zero return.

Model Number 执行器型号	Travel 行程 (mm)	Screw Lead 丝杠导程 (mm)	Resolution 分辨率 (μm)	Length 长度尺寸 (mm)			F	N	Max. Load Capacity 最大可搬负载 (N)		Permissible speed 许用转速 (mm / sec)	Max. Acceleration 最大加速度 (m / sec ²)	Mass 质量 (g)
				L ₁	L ₂	L ₃			Hor. 水平	Vert. 垂直			
FAS-R010-020MNR	20	1	5	133.5	84	37	1	4	29.4	19.6	3 ~ 20	0.1	210
FAS-R010-040MNR	40	1	5	153.5	104	57	1	4	29.4	19.6	3 ~ 20	0.1	230
FAS-R020-040MNR		2	10						29.4	19.6	6 ~ 40	0.2	
FAS-R060-040MNR		6	30						19.6	2.94	18 ~ 120	0.6	
FAS-R100-040MNR		10	50						19.6	2.94	30 ~ 200	1.0	
FAS-R010-080MNR	80	1	5	193.5	144	97	2	6	29.4	19.6	3 ~ 20	0.1	275
FAS-R020-080MNR		2	10						29.4	19.6	6 ~ 40	0.2	
FAS-R060-080MNR		6	30						19.6	2.94	18 ~ 120	0.6	
FAS-R100-080MNR		10	50						19.6	2.94	30 ~ 200	1.0	
FAS-R060-120MNR	120	6	30	233.5	184	137	3	8	19.6	2.94	18 ~ 120	0.6	315
FAS-R100-120MNR		10	50						19.6	2.94	30 ~ 200	1.0	
FAS-R060-160MNR	160	6	30	273.5	224	177	4	10	19.6	2.94	18 ~ 120	0.6	360
FAS-R100-160MNR		10	50						19.6	2.94	30 ~ 200	1.0	
FAS-R060-200MNR	200	6	30	313.5	264	217	5	12	19.6	2.94	18 ~ 120	0.6	400
FAS-R100-200MNR		10	50						19.6	2.94	30 ~ 200	1.0	

注) 有关与推荐驱动器(SD4030B3)的接线,请参照第Q129页。

Note) Refer to page Q129 for connection diagram of recommended Driver (SD4030B3).

执行器安装基准面请参照技术解说第S106页。

Please refer to Technical Description page S106 for the Datum clamp face of the Actuator.