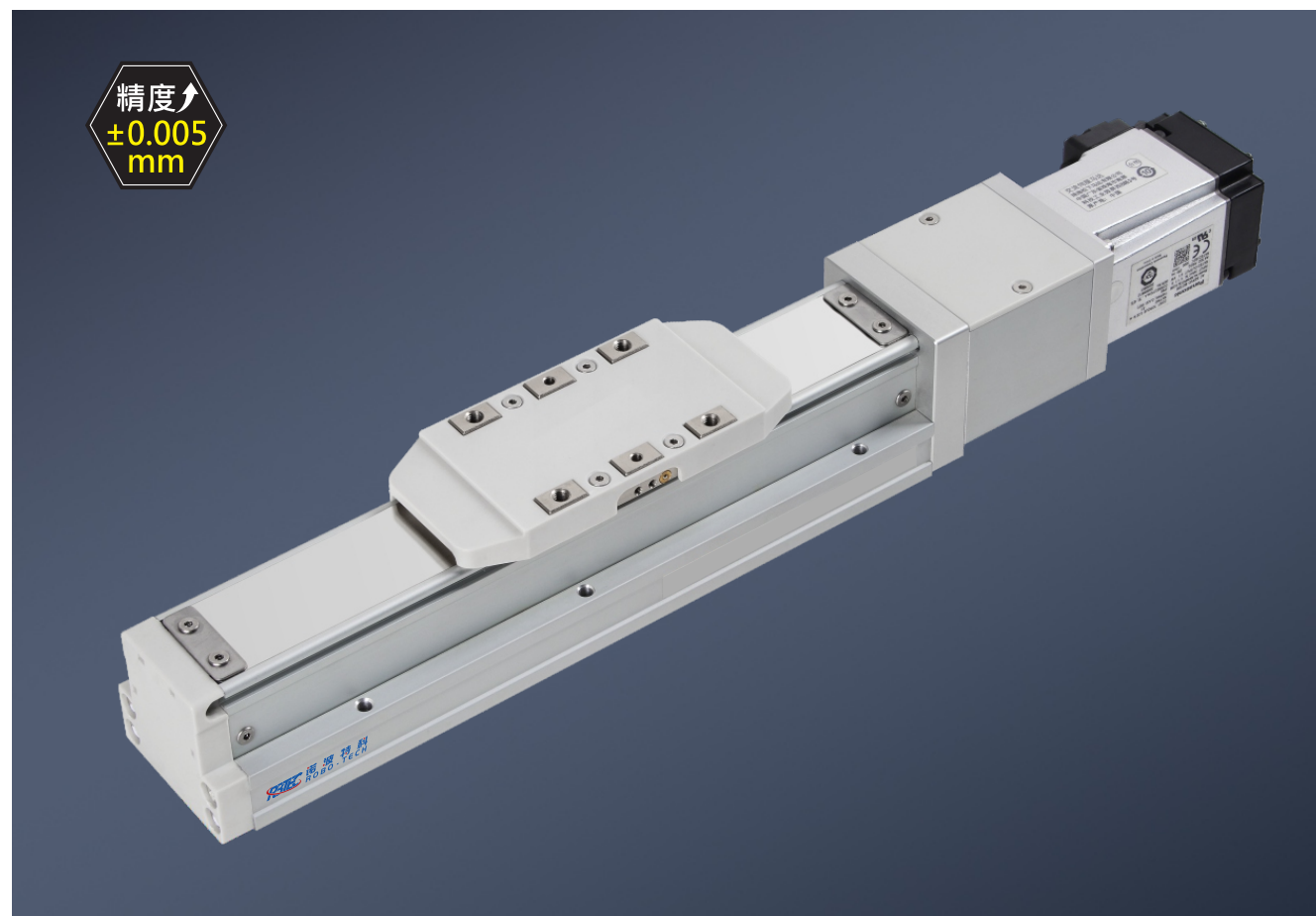




精度 ± 0.005 mm

最大行程 Maximum Stroke	1050mm	最高速度 Maximum Speed	1200mm/s	电机容量 Motor Output	100W	最大可搬重量 Max Payload	30kg	滚珠丝杆 Ball Screw	ø12mm
-------------------------------	---------------	------------------------------	-----------------	-----------------------------	-------------	------------------------------	-------------	---------------------------	--------------

型号表示方式 Ordering Method

RGH5 - 05 - 100 - E - M10B^{*} - C 4 - 01

本体型号

行程

特注式样
Special Order No.

丝杆等级
Screw Grade

■ 丝杆 导程

■ **电机位置**
Motor Position

■ 电机 厂牌、功率
Motor Brand、Power Output

■ 原点感应器
Origin Sensor

■ 限位传感器
Limit Sensor

*选用G研磨级螺杆，有行程限制，
详见基本式样
G precision-level grind ball screws
are not available in all stroke lengths,
please consult the model datasheet.

*若无刹车则B不表示。
If There Is No Brake, B Does Not Indicate.

- **选择行程50时，有以下限制：**
When the stroke is 50mm, the sensor installation has the following restrictions:

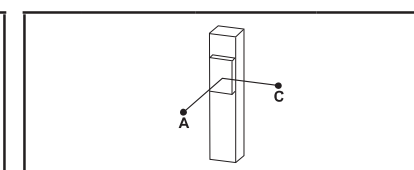
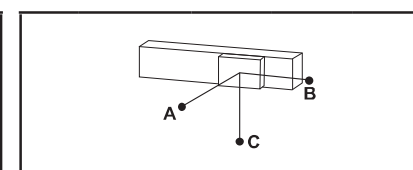
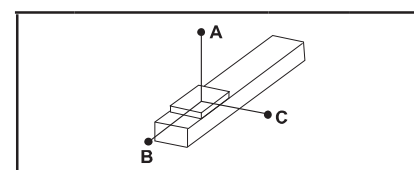
- 1.原点与极限需放置与不同侧。**
Home sensor and limit sensor has to be installed on the different side of body.
- 2.滑座左右两侧皆需安装感应片。**
Both sides of slider need to install the sensor finger device.

■基本式样 Specification

性能 Performance	滚珠丝杆 等级代号 Ballcrew Accuracy Grade Code		—		G		
	滚珠丝杆 等级 Ballcrew Accuracy Grade		C7 转造 C7 Rolled Ballscrew		C5 研磨 C5 Grind Ballscrew		
	位置重复精度 Repeatability		mm	±0.005			
	标准行程 Stroke Pitch		mm	50-1050mm /50 间隔 Interval		50-300mm /50 间隔 Interval	
	滚珠丝杆 导程 Ball Screw Lead		mm	2	5	10	20
	最高转速 Maximum Rotating Speed		rpm	3600	3600	3600	3600
	最高速度 Maximum Linear Speed ※1 ※2		mm/s	120	300	600	1200
	最大可搬重量 Maximum Payload	水平使用 Horizontal	kg	30	30	15	10
		垂直使用 Vertical	kg	10	10	5	2.5
定格推力 Rated Thrust		N	854	341	170	85	
最大加速度 Maximum Acceleration		G	0.3	0.3	0.3	0.6	
部品 Parts	AC伺服电机 容量 AC Servo Motor Output		W	100			
	滚珠丝杆 外径 Ball Screw Ø		mm	Ø12			
	联轴器 Coupling		mm	Ø7-Ø8			
	原点及限位感应器 Origin & Limit Sensor	※ 外挂 Outside	EE-SX674(NPN)				

※ 1 电机加减速设定0.2秒, Acceleration and deceleration value is set 0.2 second.
 ※ 2 长行程时, 会产生珠球丝杆偏摆, 需将速调降 (线速度请参阅尺寸图下方表格)
 During in a long stroke, it causes ballscrew deflection, the speed must reduce. (Please refer to the linear velocity from the data sheet below the dimension graph).
 ※ 3 有关传感器另外的选型, 如有需求请洽询我司业务。
 For additional selection of sensors, please contact our business if you have any requirements.

容许负载悬矩表 Allowable Overhang



(单位 Unit: mm)

(单位Unit: mm)

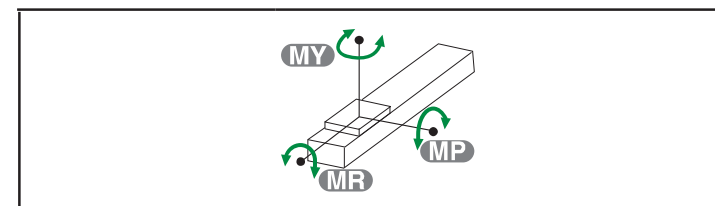
(单位Unit:mm)

水平安装 Horizontal Installation		A	B	C
导程 2 Lead	10kg	900	100	135
	20kg	700	45	60
	30kg	550	25	35
导程 5 Lead	10kg	840	84	111
	20kg	393	34	45
	30kg	237	18	26
导程 10 Lead	5kg	808	156	190
	10kg	376	70	84
	15kg	236	41	51
导程 20 Lead	3kg	504	194	200
	7kg	211	80	82
	10kg	144	54	56

壁挂安装 Wall Installation		A	B	C
导程 2 Lead	10kg	135	100	900
	20kg	60	45	700
	30kg	37	27	550
导程 5 Lead	10kg	111	84	840
	20kg	45	34	393
	30kg	26	18	237
导程 10 Lead	5kg	190	156	808
	10kg	84	70	376
	15kg	51	41	236
导程 20 Lead	3kg	200	194	504
	7kg	82	80	211
	10kg	56	54	144

垂直安装 Vertical Installation		A	C
导程 2 Lead	6kg	180	180
	8kg	135	135
	10kg	110	110
导程 5 Lead	6kg	165	165
	8kg	123	123
	10kg	99	99
导程 10 Lead	1kg	859	859
	3kg	286	286
	5kg	171	171
导程 20 Lead	1kg	639	639
	2kg	319	319
	2.5kg	255	255

■ 静态容许负载惯量 Static Allowable Load Inertia



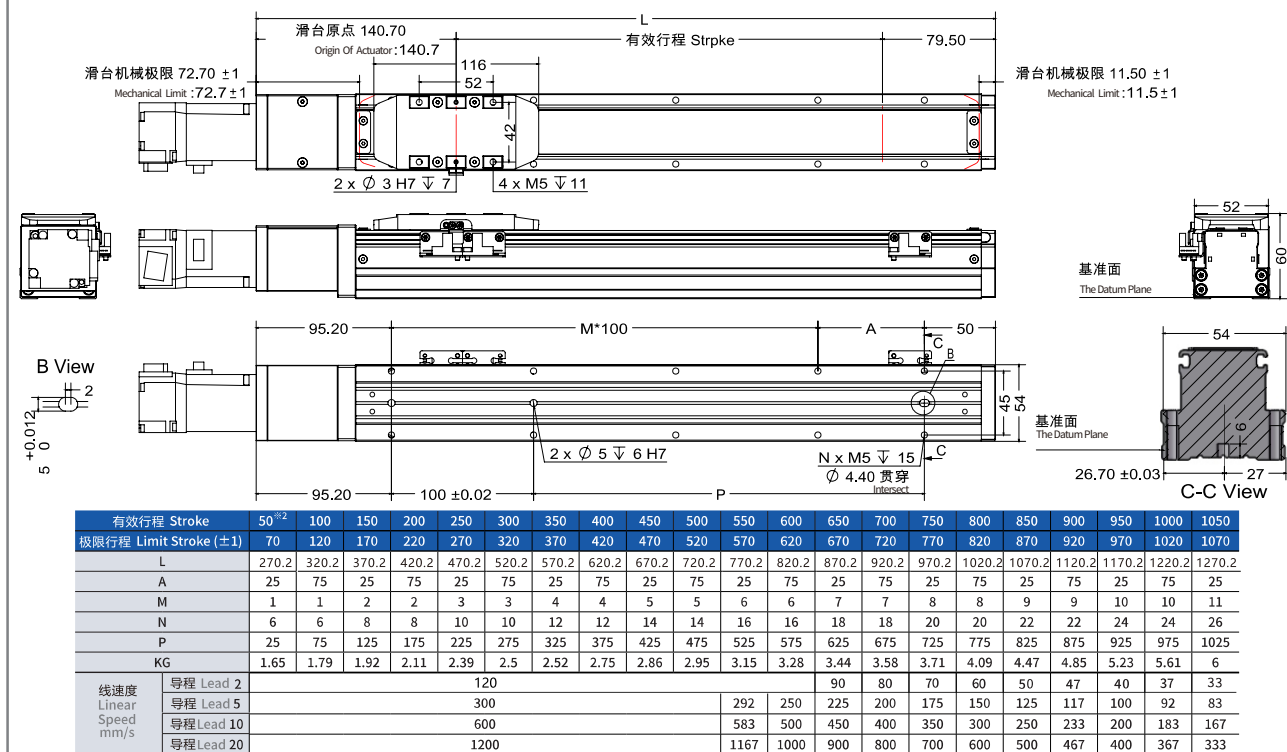
(单位 Unit: N.m)

MY	103
MP	103
MR	144

- *力矩表所表示的数据，代表荷重的重心位置单一方向容许悬出的长度
The data represented by the moment table is the center of gravity of the load. The length of the overhang is allowed in a single direction.
- *符合型录规定的正常使用下，保证寿命为10000公里。
Operation life is 10,000km when the product is using under the specified conditions.
- *倒吊使用无法套用标准规格，如有需求请咨询我司业务。
Data information is not for ceiling-mount inverse use.
Contact us for the details if you want to apply ceiling-mount inverse usage.

E 电机外露 Motor Exposed

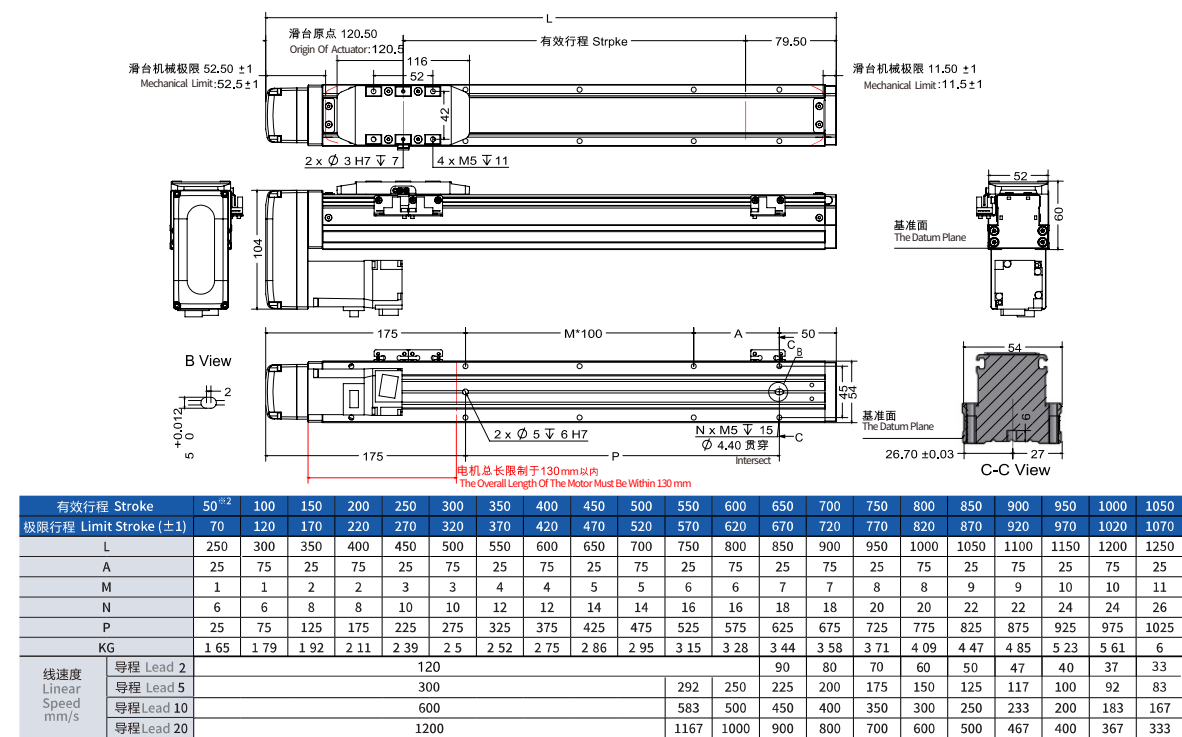
单位 Unit : mm



※2行程50时, 因本体上锁式固定孔会被滑座遮住, 仅能使用4支螺丝固定, 建议客户本体用下锁式固定孔锁附。When the stroke is 50mm, if fixing the body from the top to the bottom, the fixing hole will be blocked by slider and only can be uses 4 screws to fix; as a result, suggest that fixing actuator body from the bottom to the top.

M 电机下折 Motor Bottom Side

单位 Unit : mm

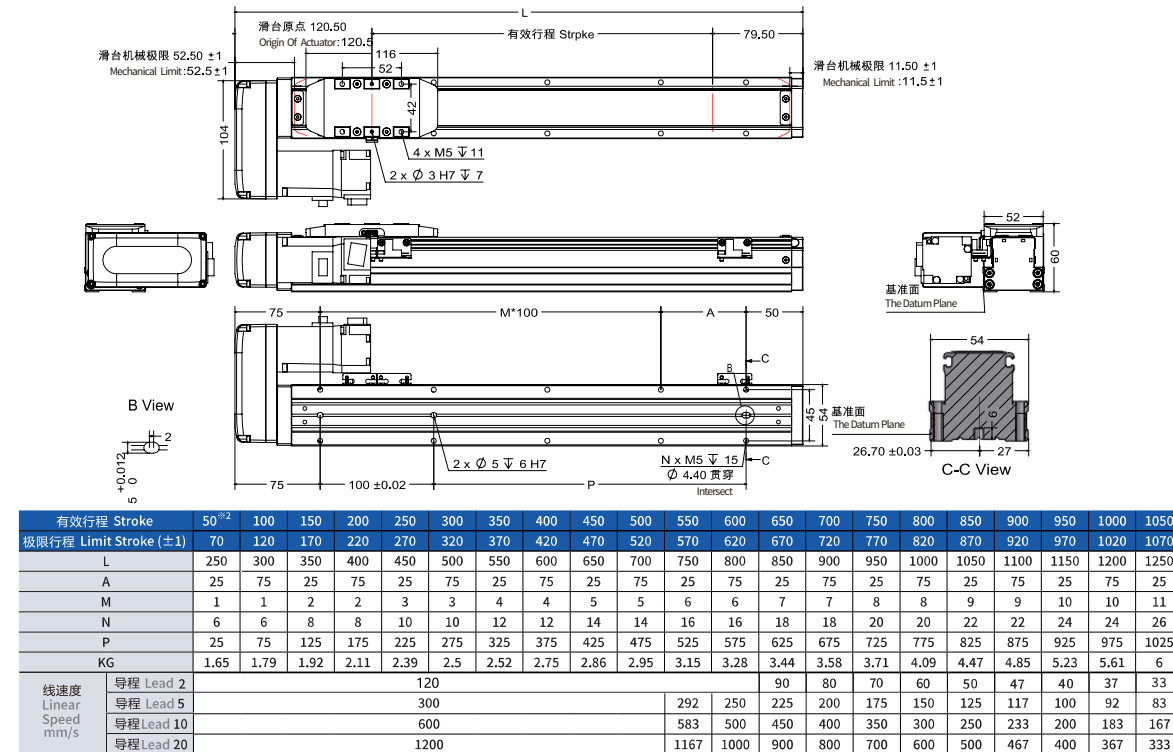


※1 电机下折时, 若选用刹车电机, 或是超出电机总长度限制时, 无法套用标准PIN孔, 如有需求, 请联系我司业务。When motor with brake assembled on lower side, or the total length over than spec limit, it may not use standard pinhole. Please contact our sales department if you need more information & requirement.

※2 行程50时, 因本体上锁式固定孔会被滑座遮住, 仅能使用4支螺丝固定, 建议客户本体用下锁式固定孔锁附。When the stroke is 50mm, if fixing the body from the top to the bottom, the fixing hole will be blocked by slider and only can be uses 4 screws to fix; as a result, suggest that fixing actuator body from the bottom to the top.

L 电机左折 Motor Left Side

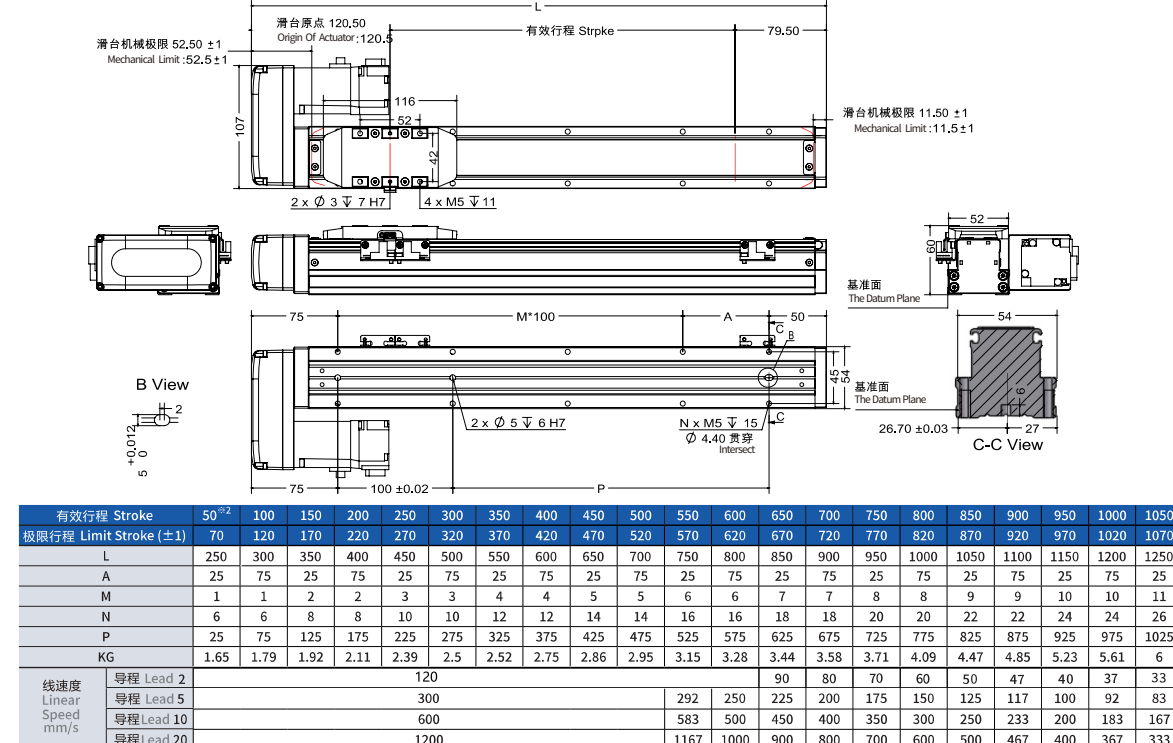
单位 Unit : mm



※2行程50时, 因本体上锁式固定孔会被滑座遮住, 仅能使用4支螺丝固定, 建议客户本体用下锁式固定孔锁附。When the stroke is 50mm, if fixing the body from the top to the bottom, the fixing hole will be blocked by slider and only can be uses 4 screws to fix; as a result, suggest that fixing actuator body from the bottom to the top.

R 电机右折 Motor Right Side

单位 Unit : mm



※2行程50时, 因本体上锁式固定孔会被滑座遮住, 仅能使用4支螺丝固定, 建议客户本体用下锁式固定孔锁附。When the stroke is 50mm, if fixing the body from the top to the bottom, the fixing hole will be blocked by slider and only can be uses 4 screws to fix; as a result, suggest that fixing actuator body from the bottom to the top.