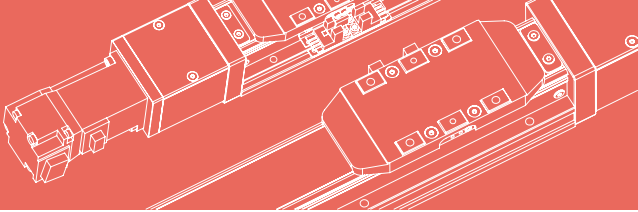


RGC60 单轴 /1-axis

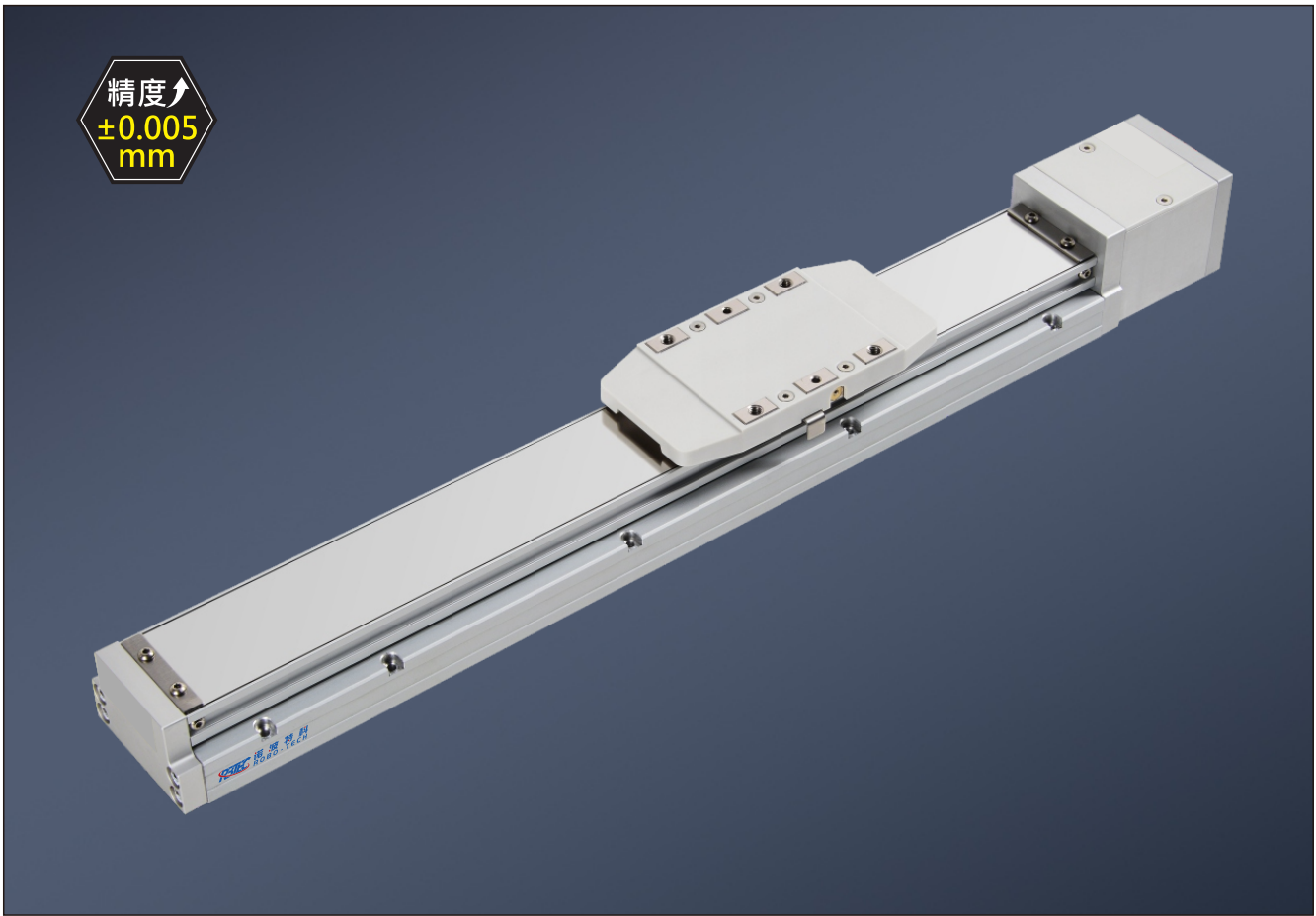
- 轨道内嵌
Rail Built-in
- 滚珠丝杆驱动
Ball Screw Drive



应用列
Application

一轴/滚珠丝杆样式
RGH series

无尘/滚珠丝杆样式
RGC



精度
±0.005 mm

最大行程
Maximum Stroke 800mm

最高速度
Maximum Speed 1200mm/s

电机容量
Motor Output 100W

最大可搬重量
Max Payload 35kg

滚珠丝杆
Ball Screw ø12mm

型号表示方式 Ordering Method

RGC60 -

05 -

100 -

E -

M10B^{*} -

C4 -

01

本体型号
Model

行程
Stroke

丝杆等级
Screw Grade

丝杆导程
Ball Screw Lead

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

转造级
Rolled Ballscrews
50-800mm

研磨级
Grind Ballscrews
50-300mm
*间隔50 Interval 50 mm

电机外露
Motor Exposed
电机左折
Motor Left Side
电机右折
Motor Right Side
电机下折
Motor Bottom Side

三菱 Mitsubishi
松下 Panasonic 10 100W B
安川 Yaskawa
台达 Delta

外挂型 Outside
C 电机侧 Motor Side
D 反电机侧 Opposite Motor Side
无 SENSOR No Sensor
E 无 SENSOR No Sensor

外挂型 Outside
3 1只 1 Pc
4 2只 2 Pc
无 SENSOR No Sensor
5 无 SENSOR No Sensor

特注式样
Special Order No.

无 转造级
Rolled Ballscrews

G 研磨级
Grind Ballscrews

05 05mm
10 10mm
20 20mm

E 电机外露
L 电机左折
R 电机右折
M 电机下折

M 三菱 Mitsubishi
P 松下 Panasonic 10 100W B
Y 安川 Yaskawa
T 台达 Delta

C 电机侧 Motor Side
D 反电机侧 Opposite Motor Side
无 SENSOR No Sensor
E 无 SENSOR No Sensor

3 1只 1 Pc
4 2只 2 Pc
无 SENSOR No Sensor
5 无 SENSOR No Sensor

*选用G研磨级丝杆，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.滑座左右两侧均需安装感应片。
Both sides of slider need to install the sensor trigger device

基本式样 Specification

性能 Performance	滚珠丝杆 等级代号 Ballscrew Accuracy Grade Code			—	G	
	滚珠丝杆 等级 Ballscrew 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- 800 mm /50 间隔 Interval		50 300mm /50 间隔 Interval
	滚珠丝杆 导程 Ball Screw Lead		mm	5		10 20
	最高转速 Maximum Rotating Speed		rpm	3600		3600 3600
	最高速度 Maximum Linear Speed ※1 ※2		mm/s	300		600 1200
	最大可搬重量 Maximum Payload	水平使用 Horizontal	kg	35		20 12
		垂直使用 Vertical	kg	10		5 2.5
	定格推力 Rated Thrust		N	341		170 85
最大加速度 Maximum Acceleration		G	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-SX911(NPN)		

※1 电机加减速设定0.2秒，Acceleration and deacceleration value is set 0.2 second.
※2 长行程时，会产生滚珠丝杆偏摆，需将速调降（线速度请参阅尺寸图下文表格）
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 it 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					壁挂安装 Wall Installation					垂直安装 Vertical Installation			
		A	B	C			A	B	C			A	C
导程 5 Lead	15kg	767	76	101	导程 5 Lead	15kg	101	76	767	导程 5 Lead	6kg	226	226
	30kg	358	31	41		30kg	41	31	358		8kg	168	168
	35kg	278	21	31		35kg	31	21	278		10kg	135	135
导程 10 Lead	5kg	1106	213	260	导程 10 Lead	5kg	260	213	1106	导程 10 Lead	1kg	1176	1176
	10kg	515	96	115		10kg	115	96	515		3kg	391	391
	20kg	243	42	52		20kg	52	42	243		5kg	234	234
导程 20 Lead	5kg	414	160	164	导程 20 Lead	5kg	164	160	414	导程 20 Lead	1kg	875	875
	8kg	253	95	99		8kg	99	95	253		2kg	437	437
	12kg	164	61	64		12kg	64	61	164		2.5kg	349	349

静态容许负载惯量 Static Allowable Load Inertia

MY	120.
MP	120.
MR	187

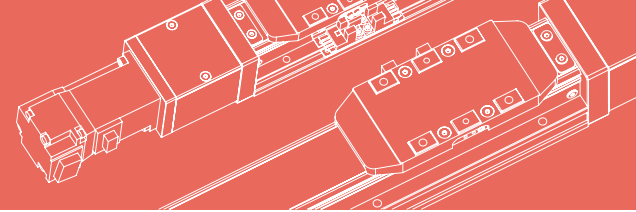
*力矩表所表示的数据，代表荷重的重心位置单一方向容许悬出的长度。
The data represented by the moment table is the center of gravity of the load. The length of the overhang is allowed in a single direction.
*符合型录规范的正常使用时，保证寿命为10000公里。
Operation life is 10,000km when the product is using under the specified conditions.
*倒吊使用无法套用标准规范，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.

(单位 Unit : N.m)

RGC60 单轴 /1-axis

轨道内嵌
Rail Built-in

滚珠丝杆驱动
Ball Screw Drive



RTEC 诺波特科

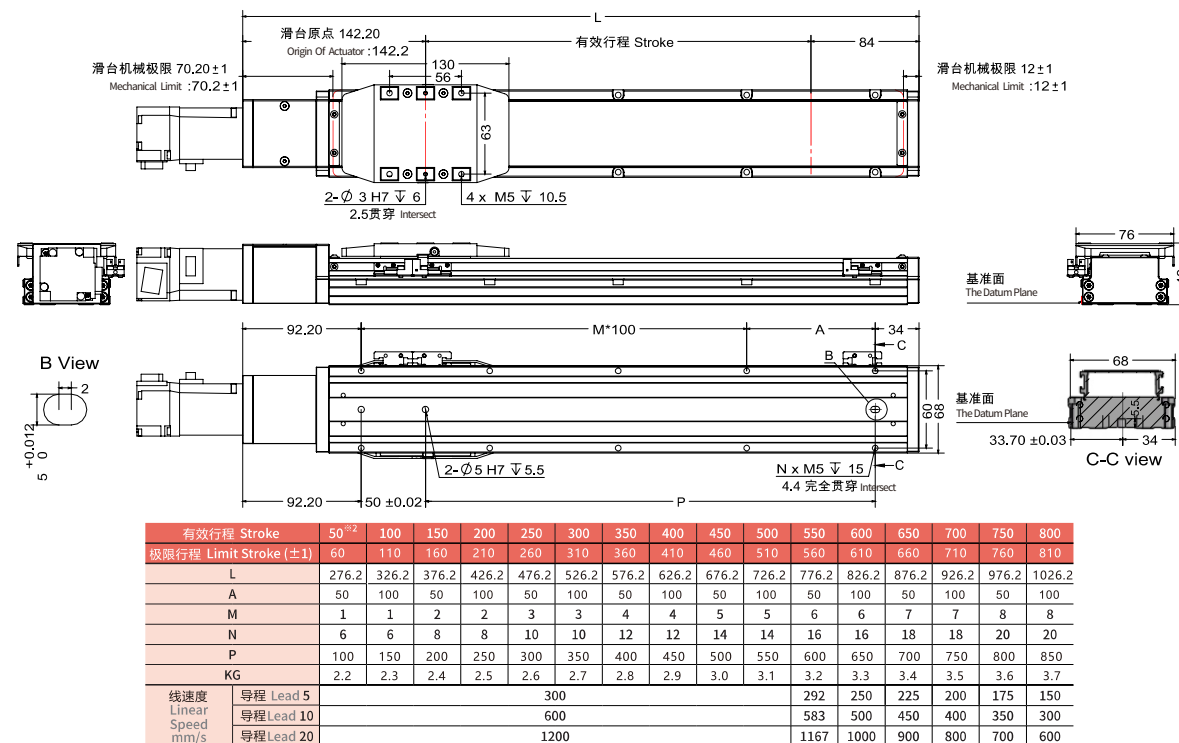
应用列
Application

一轴/滚珠丝杆样式
RGH series

无尘/滚珠丝杆样式
RGC

E 电机外露 Motor Exposed

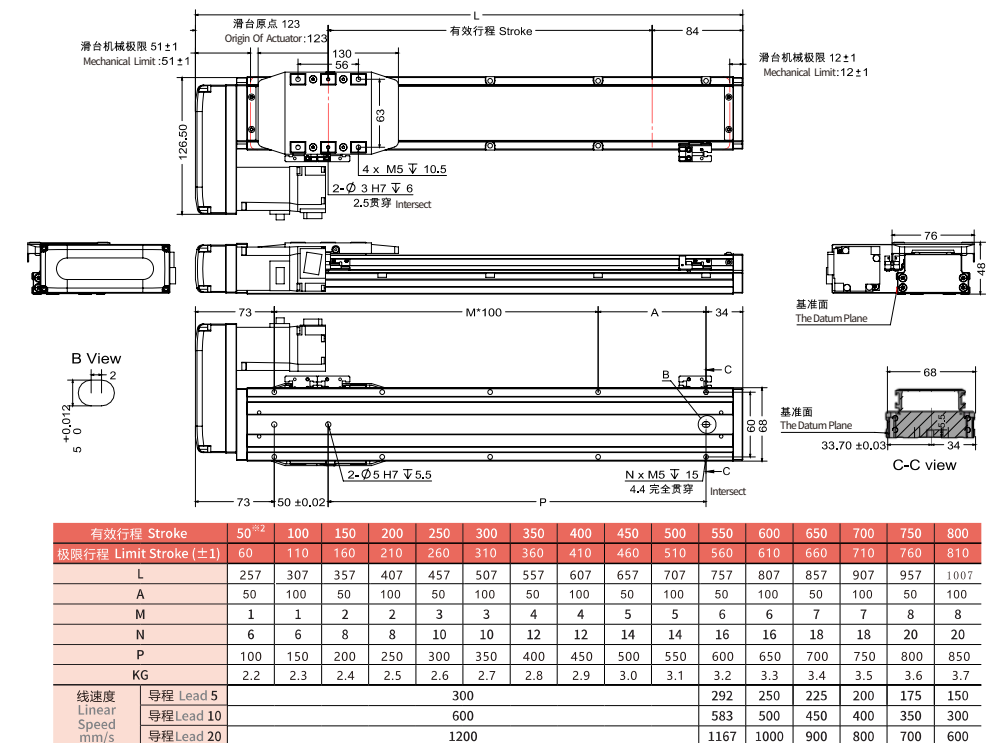
单位 Unit : mm



※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

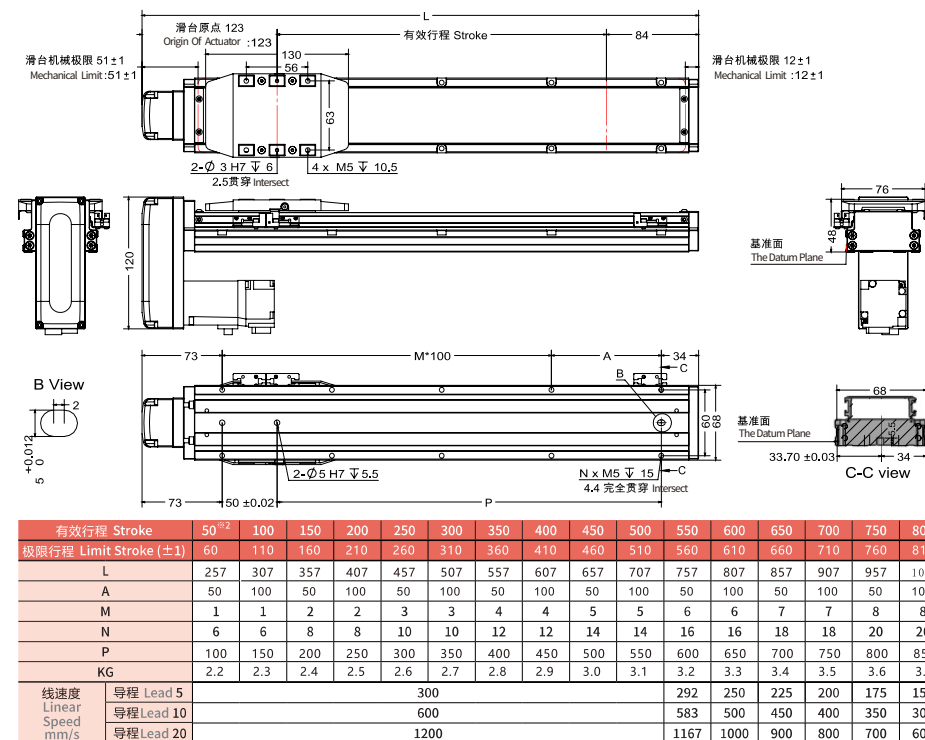
单位 Unit : mm



※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

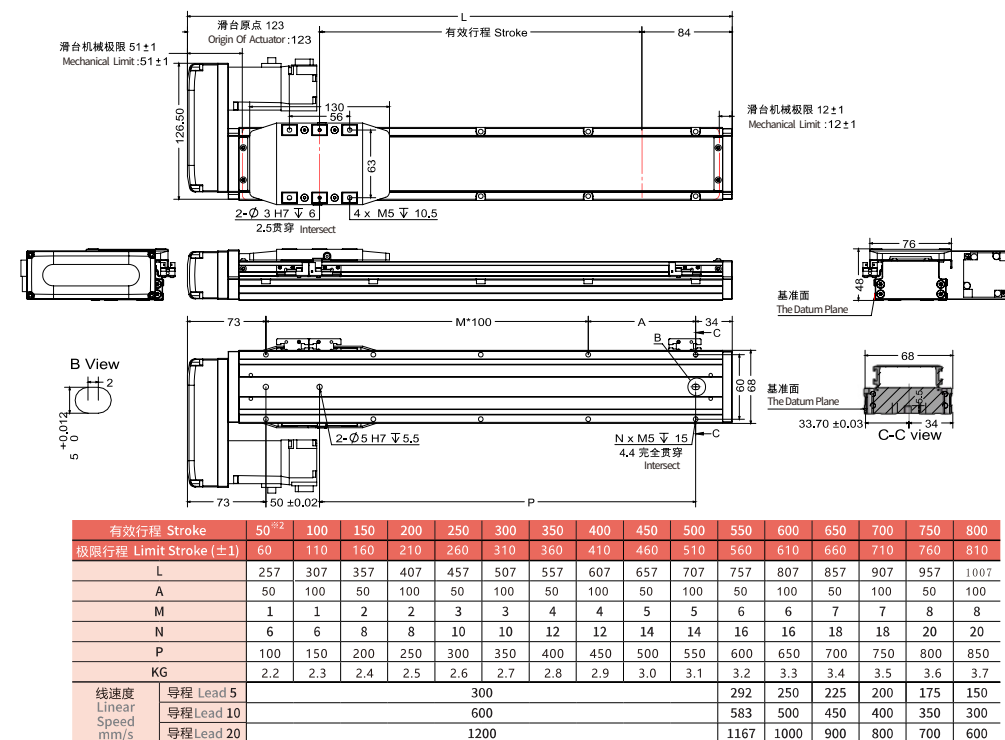
单位 Unit : mm



※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



※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.