GKR 歐規皮帶滑臺系列
GKR EU Belt Module Series



GKR40

本體寬幅 40mm
Width
最大行程 2000mm
Max.stroke
最大荷重 8kg
Max.payload



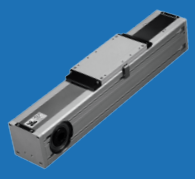
GKR80

本體寬幅 80mm
Width
最大行程 5500mm
Max.stroke
最大荷重 60kg
Max.payload



GKR65

本體寬幅 65mm
Width
最大行程 5500mm
Max.stroke
最大荷重 25kg
Max.payload



GKR110

本體寬幅 110mm
Width
最大行程 5500mm
Max.stroke
最大荷重 200kg
Max.payload

規格索引 - 歐規皮帶滑臺系列
Spec Index -EU Belt Module Series

使用環境 Use Where	傳動方式 Driven Mode	仕樣 Model Specification	減速機構 Reducer Mechanism	馬達容量 Motor Output (W)	本體寬幅 Width(mm)	位置重複精度 Repeatability(mm)	皮帶規格 Belt spec		最大可搬重量 Maximum Payload(kg)		最高速度*1 Maximum Speed (mm/s)
							寬度 Belt width(mm)	導程 Lead(mm)	水平使用 Horizontal	垂直使用 Vertical	
一般環境 Standard	時規皮帶 Timing Belt	GKR40	有 Yes	100W	40	±0.1	15	90	8	2	4500
		GKR65		400W	65	±0.1	30	130	60	17	5000
		GKR80		400W/750W	80	±0.1	35	200	100	24	5000
		GKR110		750W/1000W	110	±0 1	50	280	200	50	5000

*1:最高速度(MM/S)是以伺服馬達最高轉速3000RPM爲基準。
The highest speed is based on the maximum servo motor's rpm(3000).
步進馬達最高轉速500RPM爲基準。
The highest speed is based on the maximum stepping motor's rpm(500).

標準行程及最高使用速度*2
Stroke (mm) & Maximum Speed (mm/s)

代表速度 Speed

行程 Stroke	500	700	900	1100	1300	1500	1700	1900	2100	2300	2500	2700	2900	3100	3300	3500	3700	3900	4100	4300	4500	4700	4900	5100	5300	5500	5700	頁數 Page
	4500																											F06
	5000																											F12
	5000																											F18
	5000																											F24

*2:標準行程內的黑色數字，代表該行程內可使用的最高安全速度。若超過此速度，滑臺可能會有嚴重共振產生。
The black value written here is the maximum safe speed for the standard stroke. It may cause serious vibration if the speed is larger than this value.

GKR 歐規皮帶滑台系列內部結構
Internal structure of European standard belt Actuator series

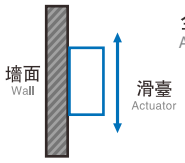
行程最長到 16m
Maximum stroke: 16m

精度 ± 0.1mm
Repeatability: + 0.1mm

鋼帶追加滾輪設計不易落入粉塵
Steel strip cover with roller design make it anti-dust

保養簡單
Easy maintenance

垂直使用
Vertical application



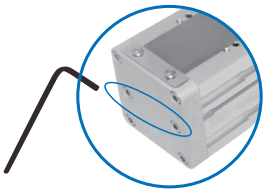
全系列皆可垂直使用
Able to be used in vertical application

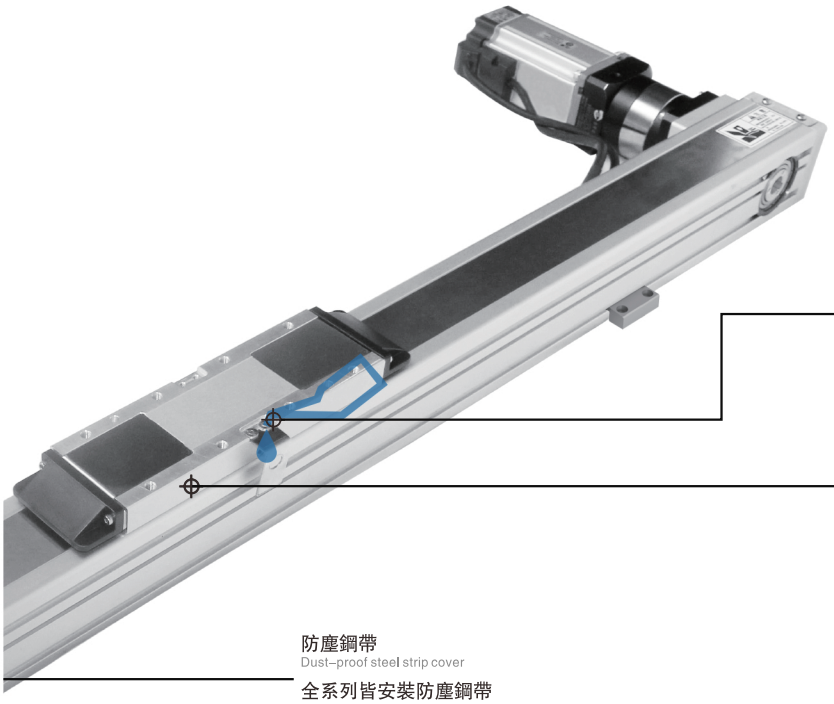
New



可調整皮帶張力
Adjustable belt tension

不用拆開，即可調整皮帶張力。
The belt tension can be adjusted without disassembling





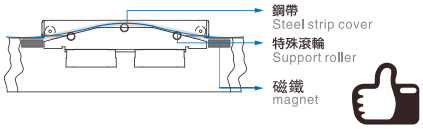
防塵鋼帶
Dust-proof steel strip cover

全系列皆安裝防塵鋼帶
All series with dust-proof steel strip cover

保養簡單
Easy maintenance

全系列皆可外部注油，不需拆蓋。
Greasing from outer fuel nozzle. No need to disassemble the unit.

鋼帶加滾輪加磁鐵設計

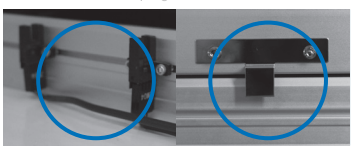


固定方式
Fixing method

本體可在側旁安裝固定塊固定或由下往上固定本體構槽。
Can be fixed through the side mounting bracket or fixed from the bottom.

感應器位置
Sensor position

感應器外挂安裝方式
Sensor plug-in installation

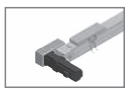


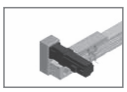
感應器
Sensor

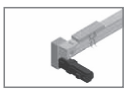
感應片
Induction plate

各種馬達安裝位置
Flexible motor assembly type

多方向馬達安裝位置可供選擇，讓機臺設計更有彈性。
Optional motor assembly type,more flexibility in the machine design.

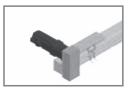

L 馬達左折
L Motor
Left Side


LU 馬達左上折
LU Motor
Left Upper Side


LD 馬達左下折
LD Motor
Left Lower Side

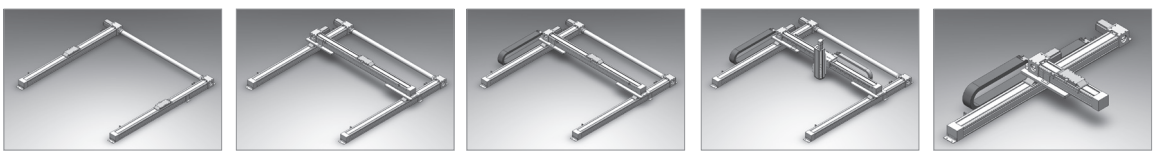

LT 馬達直結左折
LT Motor
Inside Left Side


R 馬達右折
R Motor
Right Side


RU 馬達右上折
RU Motor
Right Upper Side


RD 馬達右下折
RD Motor
Right Lower Side


RT 馬達直結右折
RT Motor
Inside Right Side



懸臂仕樣 ——— 雙軸同動龍門仕樣



型號表示方式 Ordering Code

GKR40 - 2000 - L - M1 - C 4 - NL - 10 - A001

- GKR40 — 本體型號 Model
- 2000 — 行程 Stroke: 100-2000mm (間隔 100 mm pitch)
- L — 馬達位置 Motor Position

L	馬達左折 Motor Left	R	馬達右折 Motor Right
LU	馬達左上折 Motor Upper Left	RU	馬達右上折 Motor Upper Right
LD	馬達左下折 Motor Lower Left	RD	馬達右下折 Motor Lower Right
LT	馬達直結左折 Motor Inside Left	RT	馬達直結右折 Motor Inside Right

- M1 — 馬達固定尺寸 Motor Fixing Dimension

M1	伺服 PCD46-M4- 軸心 8 Servo PCD46-M4-Shaft 8	B
P1	伺服 PCD45-M3- 軸心 8 Servo PCD45-M3-Shaft 8	

※ 若無煞車則不表示。 NO brake, no description.

- C — 原點感應器 Home Sensor

外掛型 Out Side	
C	馬達側 Motor Side
D	反馬達側 Opposite Motor Side
無	NO SENSOR
E	無 NO SENSOR

- 4 — 端點極限感應器 Limit Sensor

外掛型 Out Side	
3	1只 1pc
4	2只 2pcs
無	NO SENSOR
5	無 No SENSOR

- NL — 注油嘴位置 Fuel Nozzle Position

NL	滑座左側 Left side of the slider
NR	滑座右側 Right side of the slider

- 10 — 減速機比數 Reducer Ratio

3	3比
5	5比
7	7比
10	10比
N	無減速機 No Reducer

- A001 — 特注式樣 Special Order No.

基本仕様 Specification

減速機客户提供 Customer Provides data

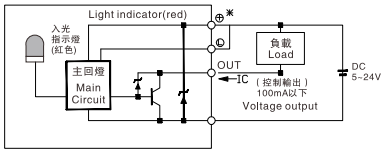
規格	位置重復精度 Repeatability (mm)		±0.1
	導程 Lead (mm)		90
	最高速度 Maximum Speed (mm/s)		4500
	最大可搬重量 Maximum Payload	水平使用 kg Horizontal (kg)	8
		垂直使用 kg Vertical (kg)	
	定格推力 Rated Thrust (N)		80
	標準行程 Stroke Pitch (mm)		100~2000mm/100间隔
部品	AC伺服馬達容量 AC Servo Motor Output (W)		100
	皮帶寬度 Belt Width (mm)		15
	高剛性直線滑軌 High Rigidity Linear Guide (mm)		W12XH7.5
	原點感應器 Home Sensor	外 Outside	EE-SX672(NPN)

※垂直使用時，若皮帶斷裂，承載物會有掉落的危險，請留意。
When install vertically, please be cautious that the load substance may fall off if the belt breaks.

※滑台未安裝減速機時，導程為 90。
The lead would be 90 if reducer is not installed on the slider.

※馬達加減速設定0.4秒。
Acceleration and deacceleration value is set 0.4 second.

感應器接綫圖 <原點及端點> Sensor Layout

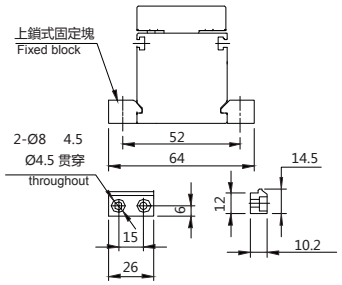


滑臺固定螺帽數量 Numbers of fixing screws

各行程M5後裝螺帽數量 M5 nuts Qty.(by stroke)			
有效行程 Stroke	數量 Quantity	有效行程 Stroke	數量 Quantity
100~500	4	1100~1500	8
600~1000	6	1600~2000	10

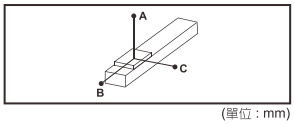
※滑臺標準固定方式爲下鎖式，使用M5後裝螺帽固定。
Standard mounting method is fixing from the bottom with M5 bolt and nut.

安裝示意圖&安裝尺寸 Installation Instructions&Dimentions

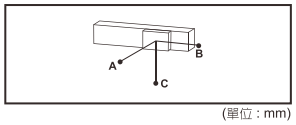


※上鎖式固定板非標準品，若有需求請另外追加選購。
Top fixing plate is optional.

容許負載力距表 N.m Allowable Moment of Inertia



(單位：mm)



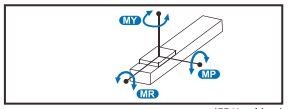
(單位：mm)

水平安裝 Horizontal Installation	A	B	C
3kg	250	220	200
5kg	110	90	70
8kg	0	0	0

墻面安裝 Wall Installation	A	B	C
2kg	130	180	225
4kg	20	60	100
6kg	0	0	0

※滑塊表面中心到搬運物重心的距離。 ※容許負載力距表 N.m。
Distance from the center of the slider surface to the gravity center of the load substance.

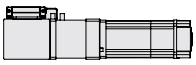
靜態容許負載慣量 N.m Static Loading Moment of Inertia

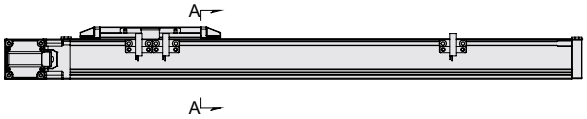


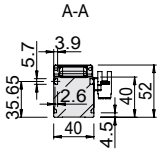
(單位：N.m)

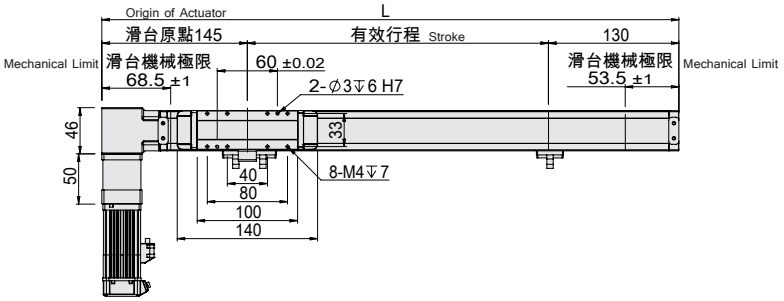
MY	337.9
MP	337.9
MR	58.6

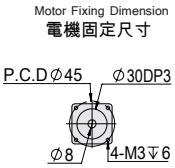
LT 馬達直結左折
Reducer With Motor Left Side





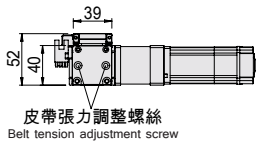




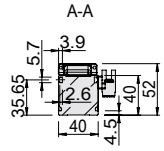


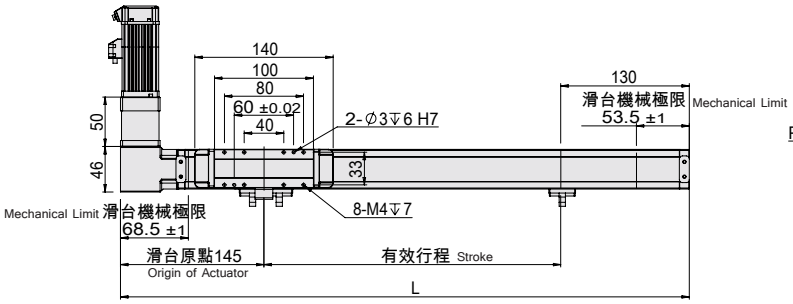
有效行程 Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	375	475	575	675	775	875	975	1075	1175	1270	1375	1475	1575	1675	1775	1875	1975	2075	2175	2275
K G	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3

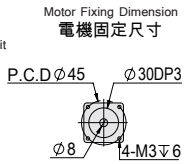
RT 馬達直結右折
Reducer With Motor Right Side





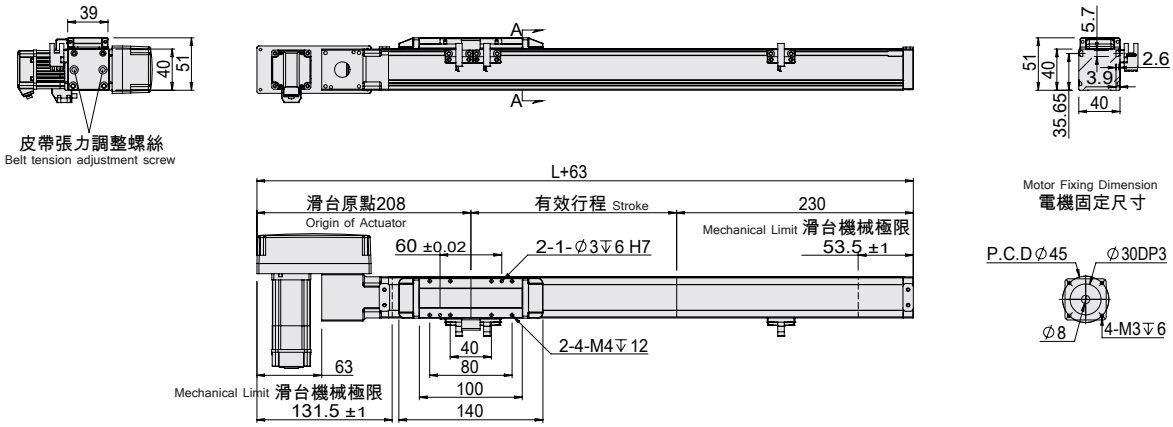






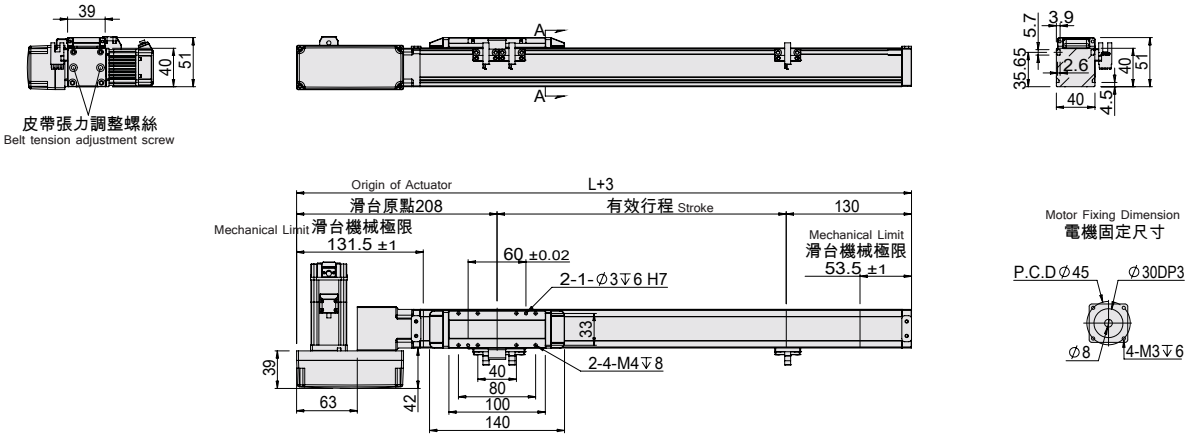
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L	375	475	575	675	775	875	975	1075	1175	1270	1375	1475	1575	1675	1775	1875	1975	2075	2175	2275
K G	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3

L 馬達左折
Motor On Left Side



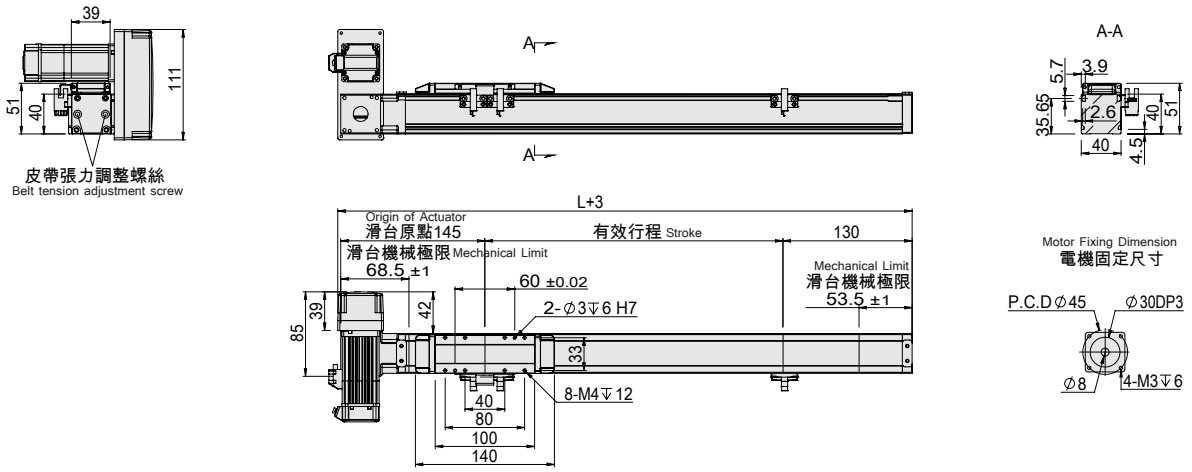
有效行程 Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	375	475	575	675	775	875	975	1075	1175	1270	1375	1475	1575	1675	1775	1875	1975	2075	2175	2275
K G	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3

R 馬達右折
Motor On Right Side



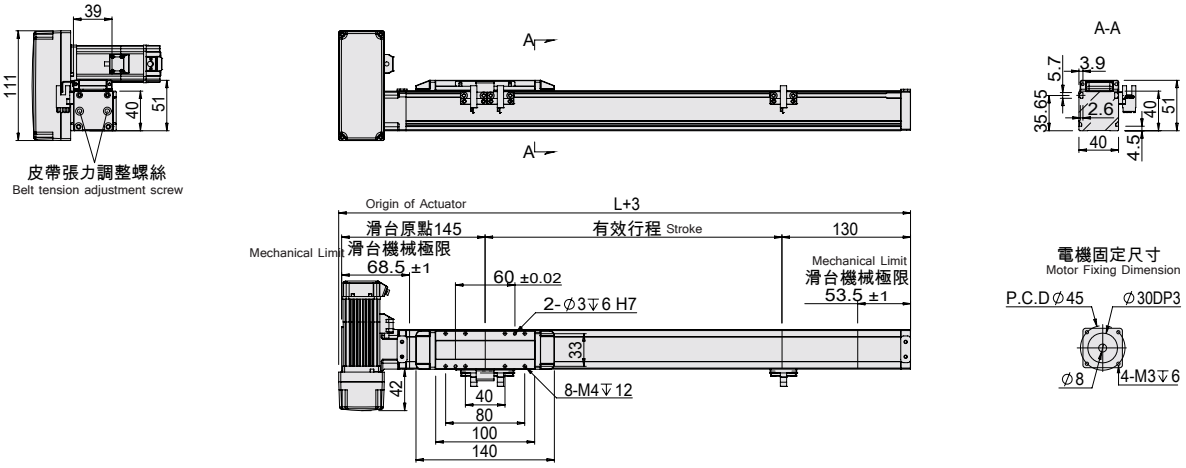
有效行程 Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	375	475	575	675	775	875	975	1075	1175	1270	1375	1475	1575	1675	1775	1875	1975	2075	2175	2275
K G	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3

LU 馬達左上折
Motor Upper Left



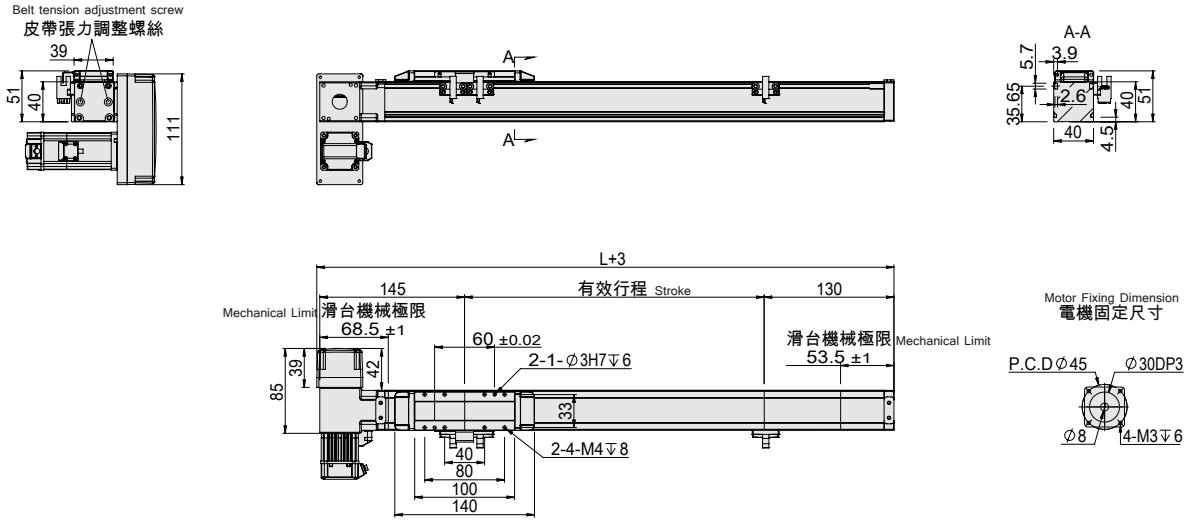
有效行程 Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	375	475	575	675	775	875	975	1075	1175	1270	1375	1475	1575	1675	1775	1875	1975	2075	2175	2275
K G	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3

RU 馬達右上折
Motor Upper Right



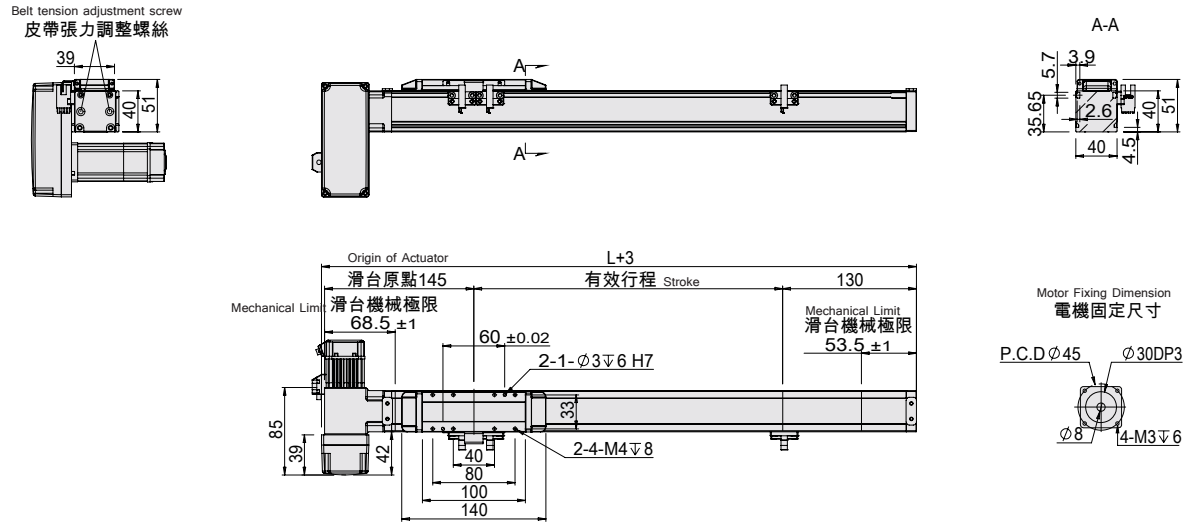
有效行程 Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	375	475	575	675	775	875	975	1075	1175	1270	1375	1475	1575	1675	1775	1875	1975	2075	2175	2275
K G	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3

LD 馬達左下折
Motor Lower Left

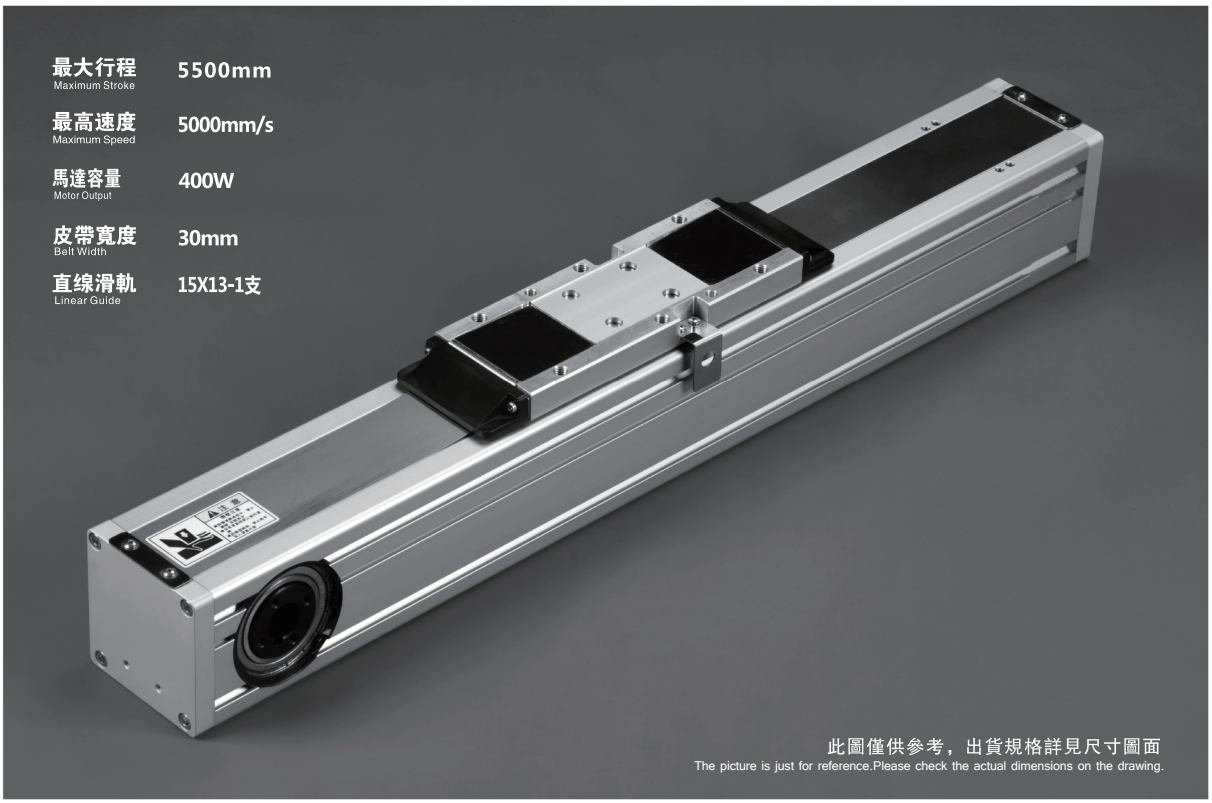


有效行程 Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	375	475	575	675	775	875	975	1075	1175	1270	1375	1475	1575	1675	1775	1875	1975	2075	2175	2275
K G	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3

RD 馬達右下折
Motor Lower Right



有效行程 Stroke	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
L	375	475	575	675	775	875	975	1075	1175	1270	1375	1475	1575	1675	1775	1875	1975	2075	2175	2275
K G	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3



型號表示方式 Ordering Code

GKR65 - 5500 - L - M4 - C 4 - NL - 10 - A001

本體型號 Model

行程 Stroke

1000-5500mm (間隔 100 mm pitch)

馬達位置 Motor Position

L	馬達左折 Motor Left	R	馬達右折 Motor Right
LU	馬達左上折 Motor Upper Left	RU	馬達右上折 Motor Upper Right
LD	馬達左下折 Motor Lower Left	RD	馬達右下折 Motor Lower Right
LT	馬達直結左折 Motor Inside Left	RT	馬達直結右折 Motor Inside Right

馬達固定尺寸 Motor Fixing Dimension

M4	伺服 PCD70-M5- 軸心 14 Servo PCD70-M5-Shaft 14	B
P4	伺服 PCD70-M4- 軸心 14 Servo PCD70-M4-Shaft 14	

※ 若無煞車則不表示。 NO brake, no description.

原點感應器 Home Sensor

外掛型 Out Side	
C	馬達側 Motor Side
D	反馬達側 Opposite Motor Side
無 NO SENSOR	
E	無 NO SENSOR

端點極限感應器 Limit Sensor

外掛型 Out Side	
3	1只 1pc
4	2只 2pcs
無 NO SENSOR	
5	無 No SENSOR

注油嘴位置 Fuel Nozzle Position

NL	滑座左側 Left side of the slider
NR	滑座右側 Right side of the slider

減速機比數 Reducer Ratio

3	3比
5	5比
7	7比
10	10比
N	無減速機 No Reducer

特注式樣 Special Order No.

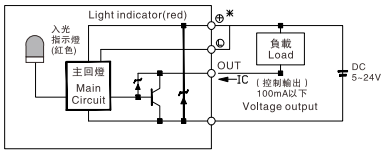
基本仕様 Specification

減速機客户提供 Customer Provides data

規格	位置重復精度 Repeatability (mm)		±0.1			
	導程 Lead (mm)		130			
	減速比 ratio		3:1	5:1	7:1	10:1
	最高速度 Maximum Speed (mm/s)		2166	1300	928	650
	最大可搬重量 Maximum Payload	水平使用 kg Horizontal (kg)	30	45	55	60
		垂直使用 kg Vertical (kg)	9	15	16	17
	定格推力 Rated Thrust (N)		220			
	標準行程 Stroke Pitch (mm)		1000~5500mm/100间隔			
部品	AC伺服馬達容量 AC Servo Motor Output (W)		400			
	皮帶寬度 Belt Width (mm)		30			
	高剛性直線滑軌 High Rigidity Linear Guide (mm)		W15XH13			
	原點感應器 Home Sensor	外 Outside	EE-SX672(NPN)			

※垂直使用時，若皮帶斷裂，承載物會有掉落的危險，請留意。
When install vertically, please be cautious that the load substance may fall off if the belt breaks.
※滑台未安裝減速機時，導程為130。
The lead would be 90 if reducer is not installed on the slider.
※馬達加減速設定0.4秒。
Acceleration and deacceleration value is set 0.4 second.

感應器接綫圖 <原點及端點> Sensor Layout

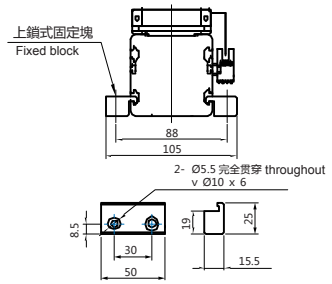


滑臺固定螺帽數量 Numbers of fixing screws

各行程M5後裝螺帽數量 M5 nuts Qty.(by stroke)			
有效行程 Stroke	數量 Quantity	有效行程 Stroke	數量 Quantity
100~500	4	2600~3000	14
600~1000	6	3100~3500	16
1100~1500	8	3600~4000	18
1600~2000	10	4100~4500	20
2100~2500	12	4600~5500	22

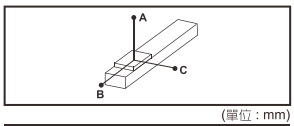
※滑臺標準固定方式爲下鎖式，使用M5後裝螺帽固定。
Standard mounting method is fixing from the bottom with M5 bolt and nut.

安裝示意圖&安裝尺寸 Installation Instructions&Dimentions



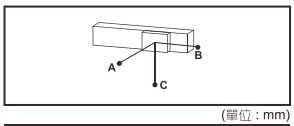
※上鎖式固定板非標準品，若有需求請另外追加選購。
Top fixing plate is optional.

容許負載力距表 N.m Allowable Moment of Inertia



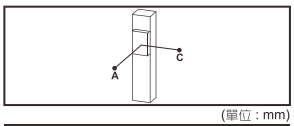
(單位：mm)

水平安裝 Horizontal Installation		A	B	C
3:1	10kg	950	250	42
	20kg	420	105	18
	30kg	250	55	10
5:1	25kg	950	140	24
	35kg	625	90	15
	45kg	450	55	10
7:1	28kg	1300	145	25
	40kg	850	90	15
	55kg	550	50	10
10:1	30kg	1850	145	25
	45kg	1250	90	15
	60kg	800	50	10



(單位：mm)

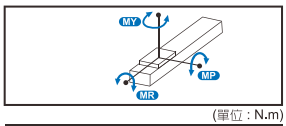
壁掛安裝 Wall Installation		A	B	C
3:1	10kg	42	250	950
	20kg	19	110	450
	30kg	10	60	260
5:1	25kg	25	140	950
	35kg	15	90	600
	45kg	10	60	450
7:1	28kg	25	145	1300
	40kg	15	90	850
	55kg	10	60	550
10:1	30kg	25	140	1950
	45kg	15	90	1150
	60kg	10	60	800



(單位：mm)

垂直安裝 Vertical Installation		A	C
3:1	3kg	900	900
	6kg	450	450
	9kg	300	300
5:1	5kg	900	900
	10kg	450	450
	15kg	300	300
7:1	6kg	900	900
	12kg	450	450
	16kg	300	300
10:1	6kg	900	900
	13kg	450	450
	17kg	330	330

靜態容許負載慣量 N.m Static Loading Moment of Inertia



(單位：N.m)

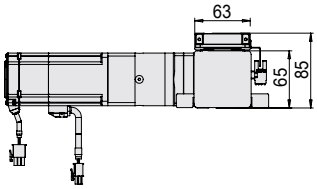
MY	337.9
MP	337.9
MR	58.6

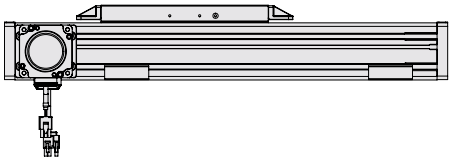
*力矩表所表示的數據，代表重心。
*The torque value in the chart indicate the center of gravity.

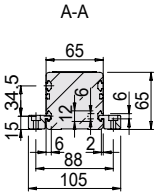
*符合型錄規範的正常使用下，保證壽命爲10000公里。
*Operation life is 10,000km when the product is using under the specified conditions.

*總長超過1000mm以上，鋼帶有變形風險，避免墻面使用。
*The steel strip cover may deform when the actuator length is over 1000mm. Horizontal application is recommend.

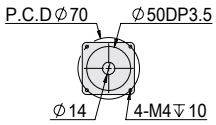
LT 馬達直結左折
Reducer With Motor Left Side

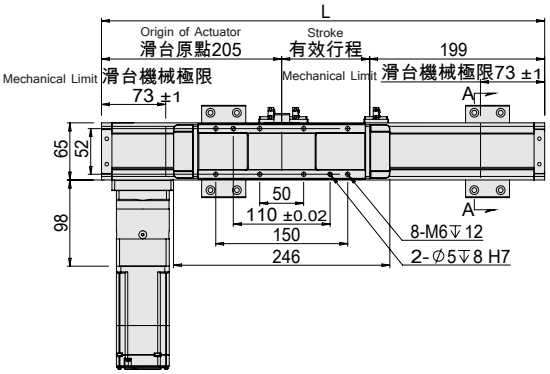






Motor Fixing Dimension
電機固定尺寸

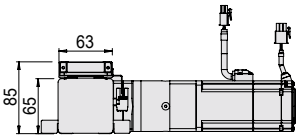


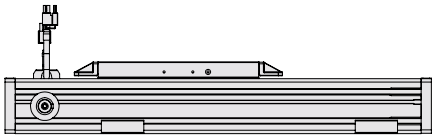


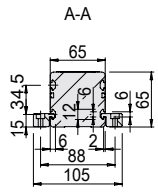
有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1404	1504	1604	1704	1804	1904	2004	2104	2204	2304	2404	2504	2604	2704	2804	2904	3004	3104	3204	3304	3404	3504	3604	3704	3804	3904
K G	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4004	4104	4204	4304	4404	4504	4604	4704	4804	4904	5004	5104	5204	5304	5404	5504	5604	5704	5804	5904
K G	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9	31.4	31.9

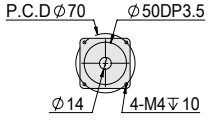
RT 馬達直結右折
Reducer With Motor Right Side

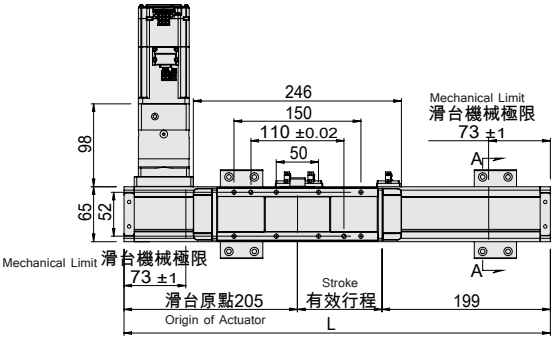






電機固定尺寸
Motor Fixing Dimension

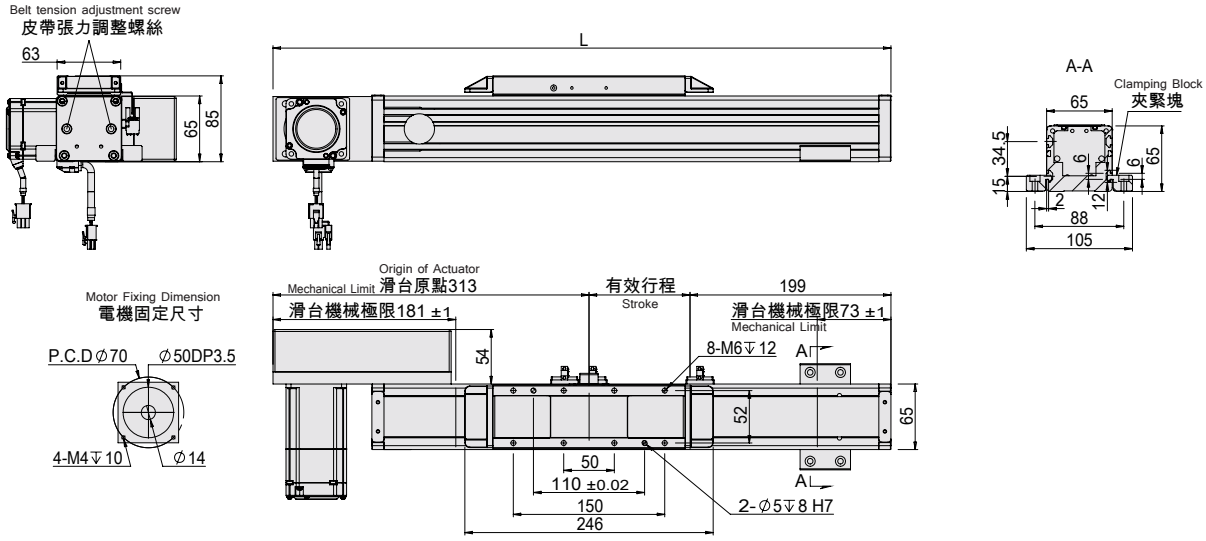




有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1404	1504	1604	1704	1804	1904	2004	2104	2204	2304	2404	2504	2604	2704	2804	2904	3004	3104	3204	3304	3404	3504	3604	3704	3804	3904
K G	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4004	4104	4204	4304	4404	4504	4604	4704	4804	4904	5004	5104	5204	5304	5404	5504	5604	5704	5804	5904
K G	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9	31.4	31.9

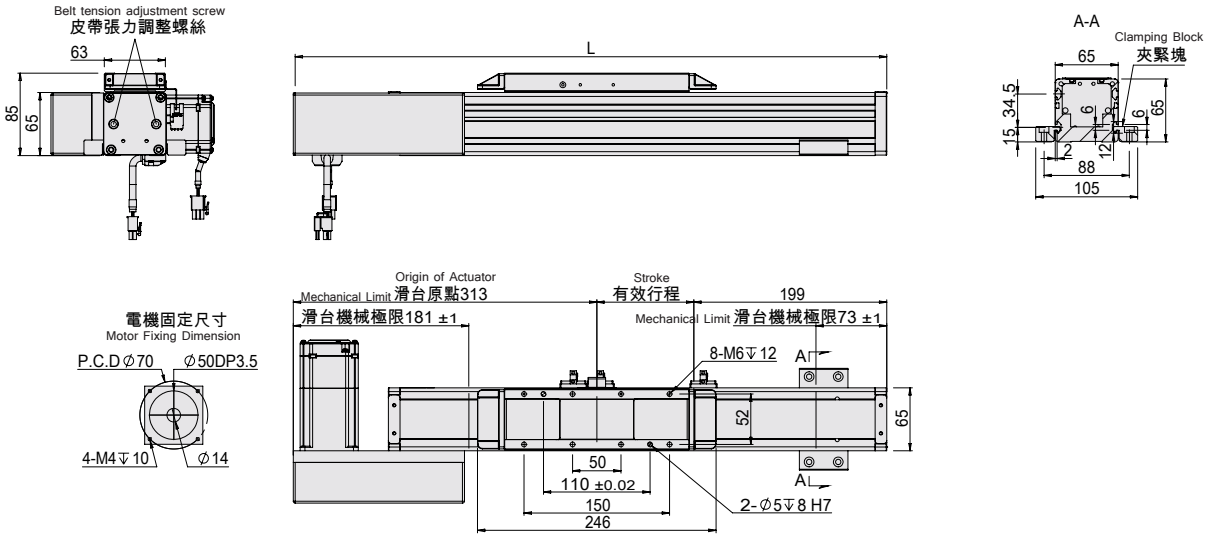
L 馬達左折
Motor On Left Side



有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1512	1612	1712	1812	1912	2012	2112	2212	2312	2412	2512	2612	2712	2812	2912	3012	3112	3212	3312	3412	3512	3612	3712	3812	3912	4012
K G	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4112	4212	4312	4412	4512	4612	4712	4812	4912	5012	5112	5212	5312	5412	5512	5612	5712	5812	5912	6012
K G	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9	31.4	31.9	32.4	32.9

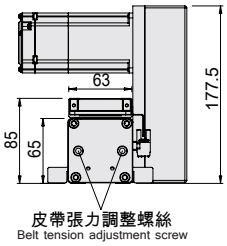
R 馬達右折
Motor On Right Side

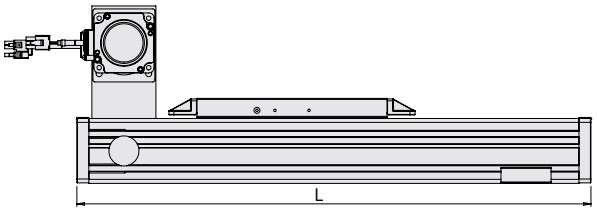


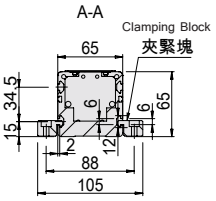
有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1512	1612	1712	1812	1912	2012	2112	2212	2312	2412	2512	2612	2712	2812	2912	3012	3112	3212	3312	3412	3512	3612	3712	3812	3912	4012
K G	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9

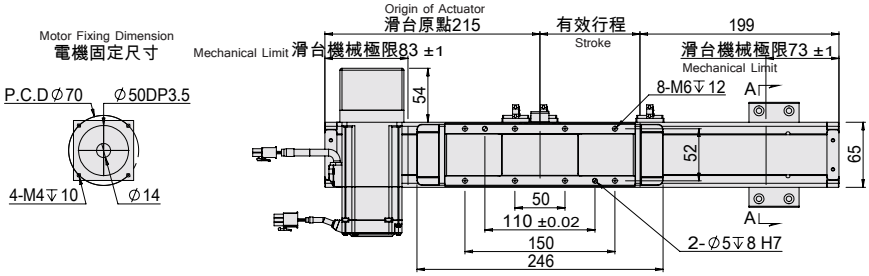
有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4112	4212	4312	4412	4512	4612	4712	4812	4912	5012	5112	5212	5312	5412	5512	5612	5712	5812	5912	6012
K G	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9	31.4	31.9	32.4	32.9

LU 馬達左上折
Motor Upper Left





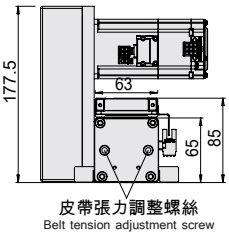


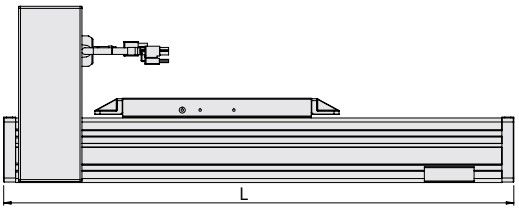


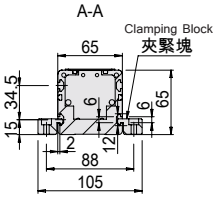
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L	1414	1514	1614	1714	1814	1914	2014	2114	2214	2214	2414	2514	2614	2714	2814	2914	3014	3114	3214	3314	3414	3514	3614	3714	3814	3914
K G	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9

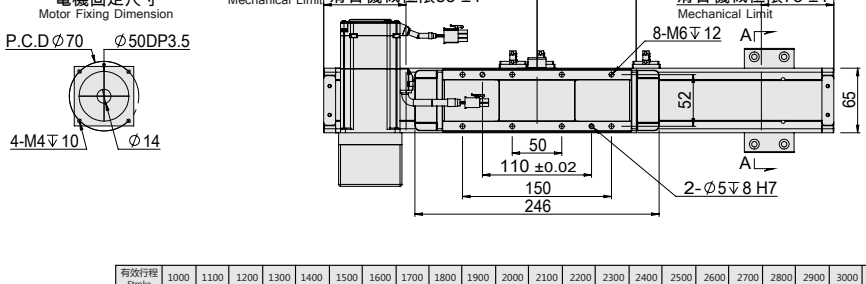
有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4014	4114	4214	4314	4414	4514	4614	4714	4814	4914	5014	5114	5214	5314	5414	5514	5614	5714	5814	5914
K G	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9	31.4	31.9	32.4	32.9

RU 馬達右上折
Motor Upper Right





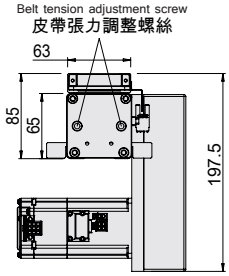


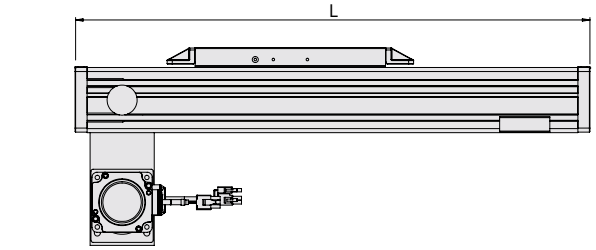


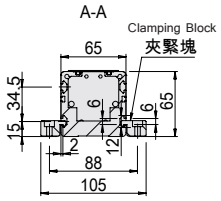
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L	1414	1514	1614	1714	1814	1914	2014	2114	2214	2214	2414	2514	2614	2714	2814	2914	3014	3114	3214	3314	3414	3514	3614	3714	3814	3914
K G	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9

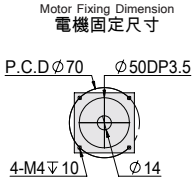
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L	4014	4114	4214	4314	4414	4514	4614	4714	4814	4914	5014	5114	5214	5314	5414	5514	5614	5714	5814	5914
K G	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9	31.4	31.9	32.4	32.9

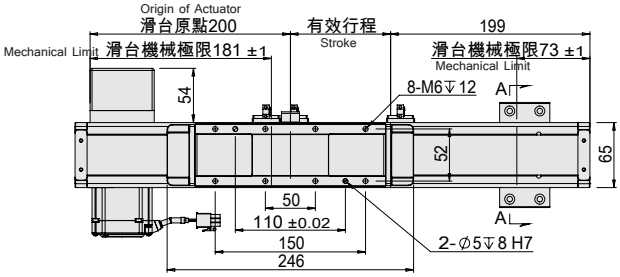
LD 馬達左下折
Motor Lower Left







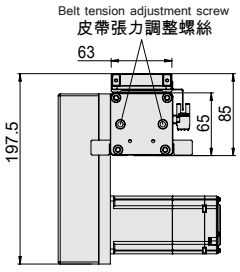


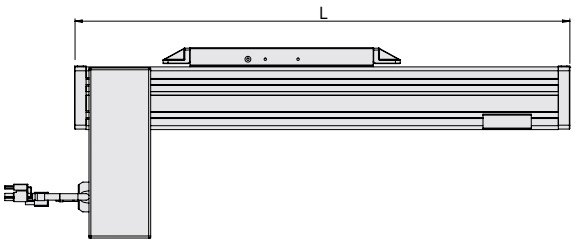


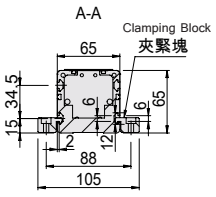
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L	1414	1514	1614	1714	1814	1914	2014	2114	2214	1214	2414	2514	2614	2714	2814	2914	3014	3114	3214	3314	3414	3514	3614	3714	3814	3914
K G	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9

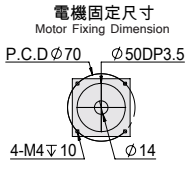
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L	4014	4114	4214	4314	4414	4514	4614	4714	4814	4914	5014	5114	5214	5314	5414	5514	5614	5714	5814	5914
K G	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9	31.4	31.9	32.4	32.9

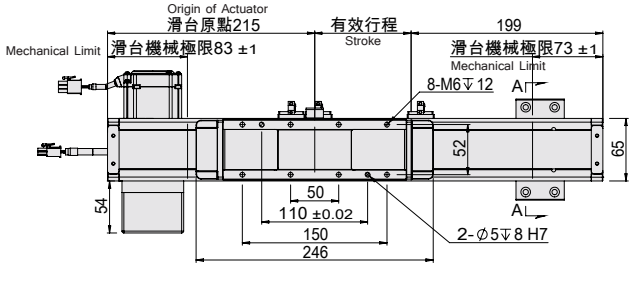
RD 馬達右下折
Motor Lower Right





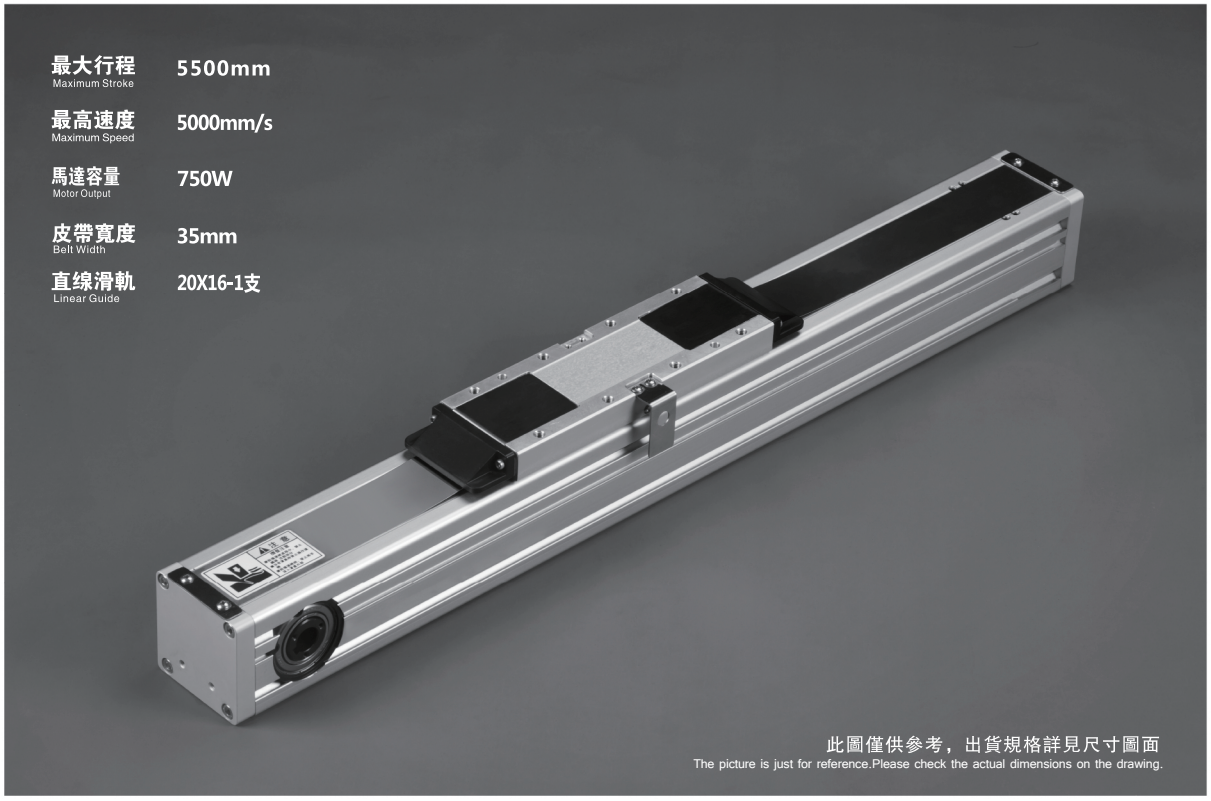






有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1414	1514	1614	1714	1814	1914	2014	2114	2214	2214	2414	2514	2614	2714	2814	2914	3014	3114	3214	3314	3414	3514	3614	3714	3814	3914
K G	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4	21.9	22.4	22.9

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4014	4114	4214	4314	4414	4514	4614	4714	4814	4914	5014	5114	5214	5314	5414	5514	5614	5714	5814	5914
K G	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9	28.4	28.9	29.4	29.9	30.4	30.9	31.4	31.9	32.4	32.9



型號表示方式 Ordering Code

GKR80 - 5500 - L - M4B - C 4 - NL - 10 - A001

本體型號 Model

行程 Stroke

1000-5500mm (間隔 100 mm pitch)

馬達位置 Motor Position

L	馬達左折 Motor Left	R	馬達右折 Motor Right
LU	馬達左上折 Motor Upper Left	RU	馬達右上折 Motor Upper Right
LD	馬達左下折 Motor Lower Left	RD	馬達右下折 Motor Lower Right
LT	馬達直結左折 Motor Inside Left	RT	馬達直結右折 Motor Inside Right

馬達固定尺寸 Motor Fixing Dimension

M4	伺服 PCD70-M5- 軸心 14 Servo PCD70-M5-Shaft 14	B
P4	伺服 PCD70-M4- 軸心 14 Servo PCD70-M4-Shaft 14	
M7	伺服 PCD90-M6- 軸心 19 Servo PCD90-M6-Shaft 19	
P7	伺服 PCD90-M5- 軸心 19 Servo PCD90-M5-Shaft 19	

※若無煞車則不表示。
NO brake, no description.

原點感應器 Home Sensor

外掛型 Out Side

C	馬達側 Motor Side
D	反馬達側 Opposite Motor Side
無	NO SENSOR
E	無 NO SENSOR

注油嘴位置 Fuel Nozzle Position

NL	滑座左側 Left side of the slider
NR	滑座右側 Right side of the slider

端點極限感應器 Limit Sensor

外掛型 Out Side

3	1只 1pc
4	2只 2pcs
無	NO SENSOR
5	無 No SENSOR

特注式樣 Special Order No.

減速機比數 Reducer Ratio

5	5比
7	7比
10	10比
N	無減速機 No Reducer

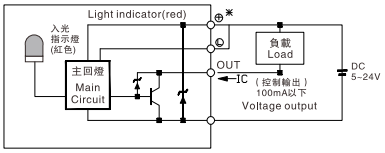
基本仕様 Specification

減速機客户提供 Customer Provides data

規格	位置重復精度 Repeatability (mm)		±0.1		
	導程 Lead (mm)		200		
	減速比 ratio		5:1	7:1	10:1
	最高速度 Maximum Speed (mm/s)		2000	1428	1000
	最大可搬重量 Maximum Payload	水平使用 kg Horizontal (kg)	40	60	100
		垂直使用 kg Vertical (kg)	14	21	24
	定格推力 Rated Thrust (N)		340		
	標準行程 Stroke Pitch (mm)		1000~5500mm/100间隔		
部品	AC伺服馬達容量 AC Servo Motor Output (W)		750/400		
	皮帶寬度 Belt Width (mm)		35		
	高剛性直線滑軌 High Rigidity Linear Guide (mm)		W20XH15		
	原點感應器 Home Sensor	外 Outside	EE-SX672(NPN)		

※垂直使用時，若皮帶斷裂，承載物會有掉落的危險，請留意。
When install vertically, please be cautious that the load substance may fall off if the belt breaks.
※滑台未安裝減速機時，導程為200。
The lead would be 200 if reducer is not installed on the slider.
※馬達加減速設定0.4秒。
Acceleration and deacceleration value is set 0.4 second.

感應器接綫圖 <原點及端點> Sensor Layout

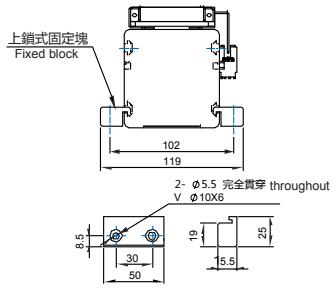


滑臺固定螺帽數量 Numbers of fixing screws

各行程M5後裝螺帽數量 M5 nuts Qty.(by stroke)			
有效行程 Stroke	數量 Quantity	有效行程 Stroke	數量 Quantity
100~500	4	2600~3000	14
600~1000	6	3100~3500	16
1100~1500	8	3600~4000	18
1600~2000	10	4100~4500	20
2100~2500	12	4600~5500	22

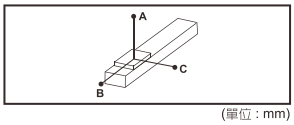
※滑臺標準固定方式爲下鎖式，使用M5後裝螺帽固定。
Standard mounting method is fixing from the bottom with M5 bolt and nut.

安裝示意圖&安裝尺寸 Installation Instructions&Dimentions



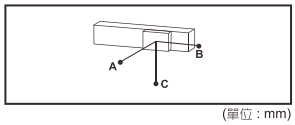
※上鎖式固定板非標準品，若有需求請另外追加選購。
Top fixing plate is optional.

容許負載力距表 N.m Allowable Moment of Inertia



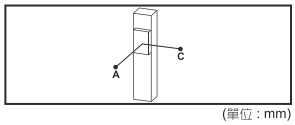
(單位：mm)

水平安裝 Horizontal Installation		A	B	C
5:1	20kg	900	280	40
	30kg	550	160	22
	40kg	400	110	15
7:1	40kg	750	160	22
	50kg	575	115	16
	60kg	420	85	12
10:1	60kg	900	140	20
	80kg	700	105	15
	100kg	550	75	10



(單位：mm)

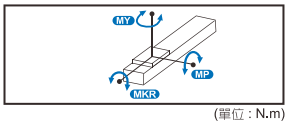
壁掛安裝 Wall Installation		A	B	C
5:1	20kg	40	280	900
	30kg	22	160	600
	40kg	15	110	400
7:1	40kg	22	160	750
	50kg	15	110	575
	60kg	12	80	450
10:1	60kg	20	140	950
	80kg	15	105	750
	100kg	10	75	600



(單位：mm)

垂直安裝 Vertical Installation		A	C
5:1	5kg	1250	1250
	10kg	650	650
	14kg	450	450
7:1	15kg	600	600
	18kg	480	480
	21kg	400	400
10:1	18kg	550	550
	20kg	450	450
	24kg	350	350

靜態容許負載慣量 N.m Static Loading Moment of Inertia

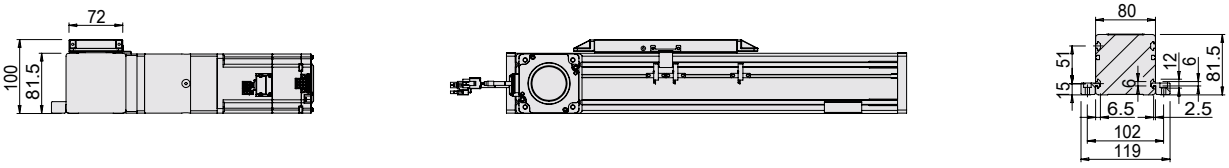


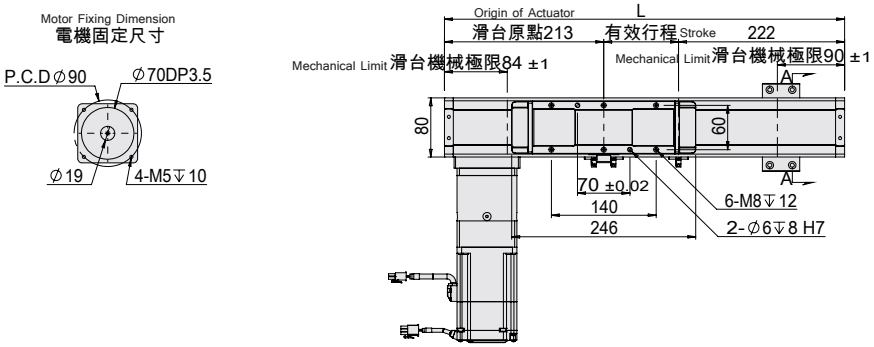
(單位：N.m)

MY	867.7
MP	867.7
MKR	122.8

*力矩表所表示的數據，代表重心。
*The torque value in the chart indicate the center of gravity.
*符合型錄規範的正常使用下，保證壽命爲10000公里。
*Operation life is 10,000km when the product is using under the specified conditions.
*總長超過1000mm以上，鋼帶有變形風險，避免墻面使用。
*The steel strip cover may deform when the actuator length is over 1000mm. Horizontal application is recommend.

LT 馬達直結左折
Reducer With Motor Left Side

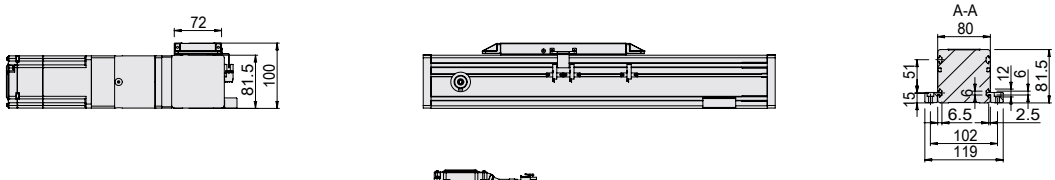


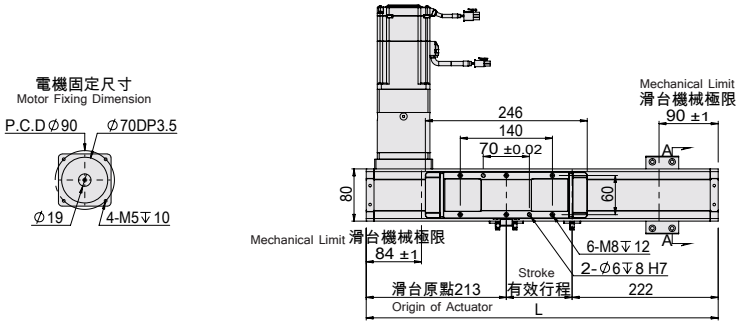


有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1435	1535	1635	1735	1835	1935	2035	2135	2235	2235	2435	2535	2635	2735	2835	2935	3035	3135	3235	3335	3435	3535	3635	3735	3835	3935
K G	10.7	11	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14	14.3	14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17	17.3	17.5	17.8	18.1

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4035	4135	4235	4335	4435	4535	4635	4735	4835	4935	5035	5135	5235	5335	5435	5535	5635	5735	5835	5935
K G	18.4	18.7	19	19.3	19.6	19.9	20.2	20.5	20.8	21.1	21.4	21.7	22	22.3	22.6	22.9	23.2	23.5	23.8	24.1

RT 馬達直結右折
Reducer With Motor Right Side

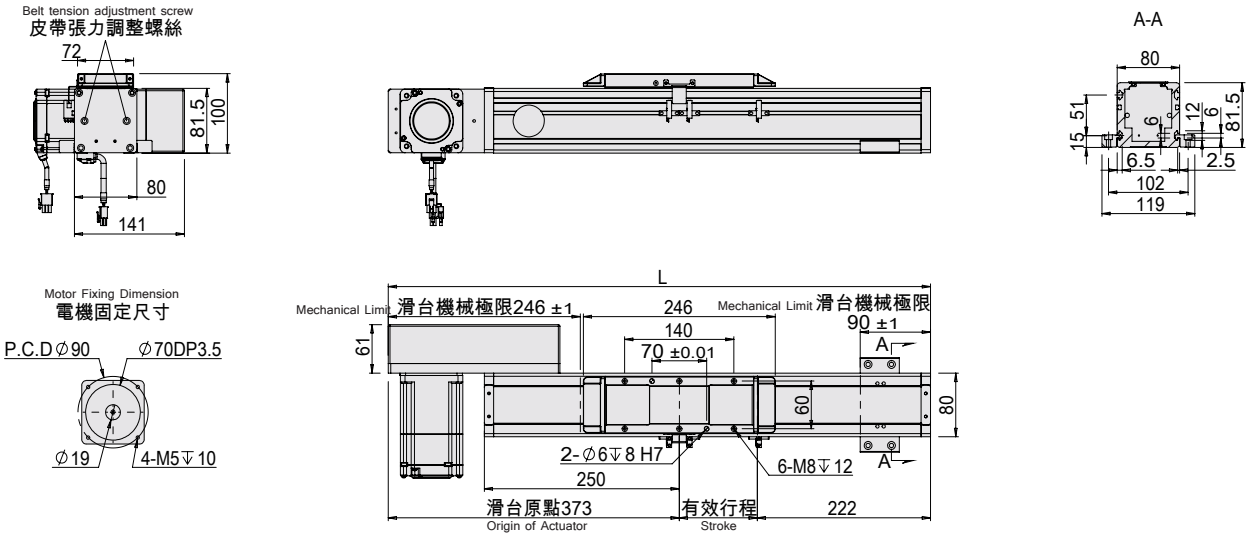




有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1435	1535	1635	1735	1835	1935	2035	2135	2235	2235	2435	2535	2635	2735	2835	2935	3035	3135	3235	3335	3435	3535	3635	3735	3835	3935
K G	10.7	11	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14	14.3	14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17	17.3	17.5	17.8	18.1

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4035	4135	4235	4335	4435	4535	4635	4735	4835	4935	5035	5135	5235	5335	5435	5535	5635	5735	5835	5935
K G	18.4	18.7	19	19.3	19.6	19.9	20.2	20.5	20.8	21.1	21.4	21.7	22	22.3	22.6	22.9	23.2	23.5	23.8	24.1

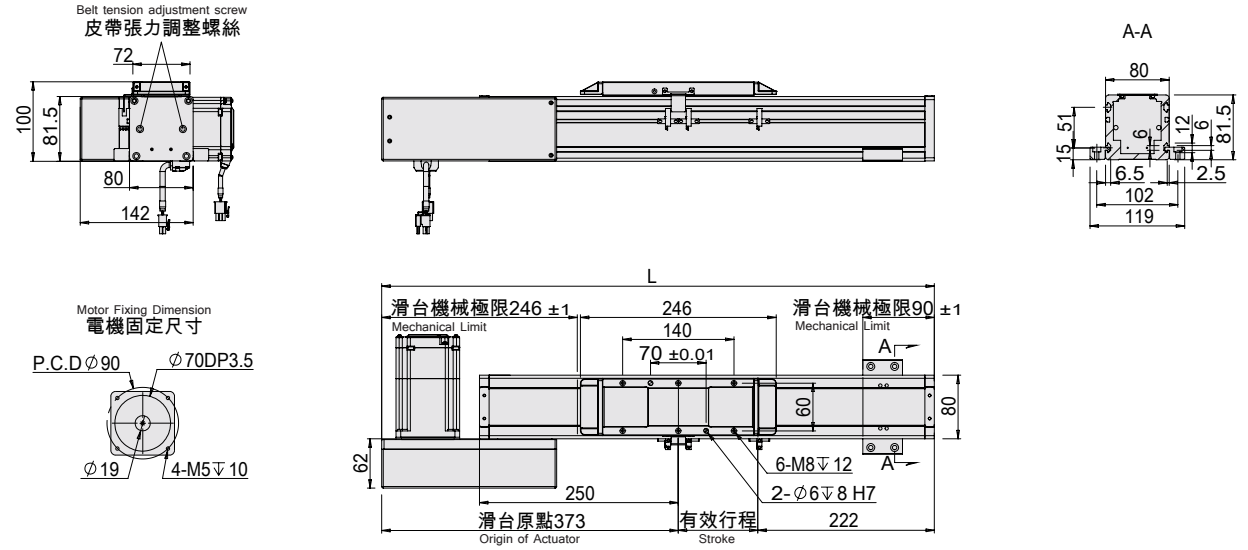
L 馬達左折
Motor On Left Side



有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1595	1695	1795	1895	1995	2095	2195	2295	2395	2495	2595	2695	2765	2895	2995	3095	3195	3295	3395	3495	3595	3695	3795	3895	3995	4095
K G	14.3	14.8	15.3	15.8	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8	25.3	25.8	26.3	26.8

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4195	4295	4395	4495	4595	4695	4795	4895	4995	5095	5195	5295	5395	5495	5595	5695	5795	5895	5995	6095
K G	27.3	27.8	28.3	28.8	29.3	29.8	30.3	30.8	31.3	31.8	32.3	32.8	33.3	33.8	34.3	34.8	35.3	35.8	36.3	36.8

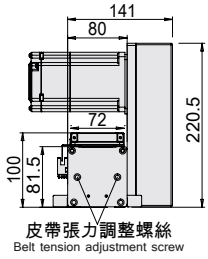
R 馬達右折
Motor On Right Side

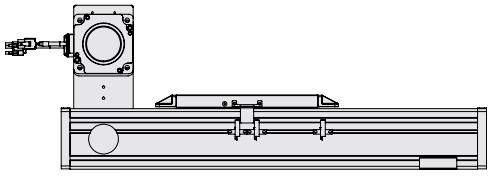


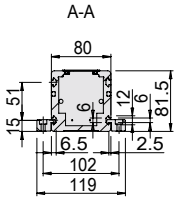
有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1595	1695	1795	1895	1995	2095	2195	2295	2395	2495	2595	2695	2765	2895	2995	3095	3195	3295	3395	3495	3595	3695	3795	3895	3995	4095
K G	14.3	14.8	15.3	15.8	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8	25.3	25.8	26.3	26.8

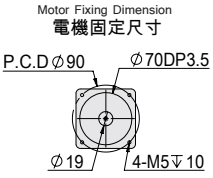
有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4195	4295	4395	4495	4595	4695	4795	4895	4995	5095	5195	5295	5395	5495	5595	5695	5795	5895	5995	6095
K G	27.3	27.8	28.3	28.8	29.3	29.8	30.3	30.8	31.3	31.8	32.3	32.8	33.3	33.8	34.3	34.8	35.3	35.8	36.3	36.8

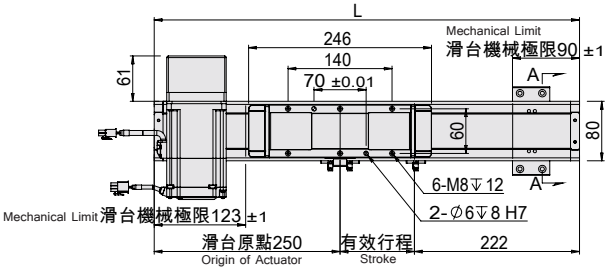
LU 馬達左上折
Motor Upper Left







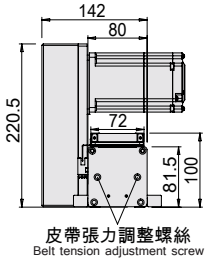


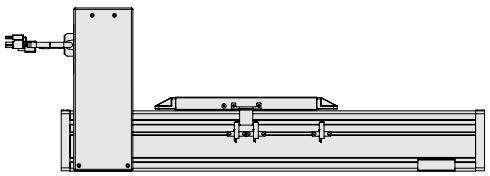


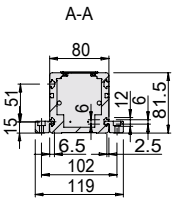
有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1472	1572	1672	1772	1872	1972	2072	2172	2272	2372	2472	2572	2672	2772	2872	2972	3072	3172	3272	3372	3472	3572	3672	3772	3872	3972
K G	14.3	14.8	15.3	15.8	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8	25.3	25.8	26.3	26.8

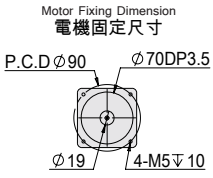
有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4072	4172	4272	4372	4472	4572	4672	4772	4872	4972	5072	5172	5272	5372	5472	5572	5672	5772	5872	5972
K G	27.3	27.8	28.3	28.8	29.3	29.8	30.3	30.8	31.3	31.8	32.3	32.8	33.3	33.8	34.3	34.8	35.3	35.8	36.3	36.8

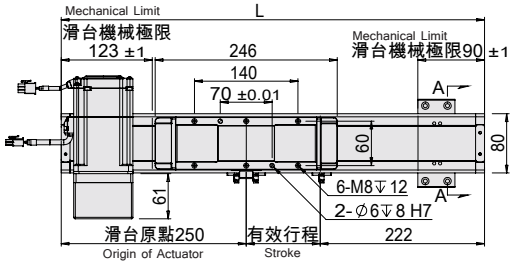
RU 馬達右上折
Motor Upper Right







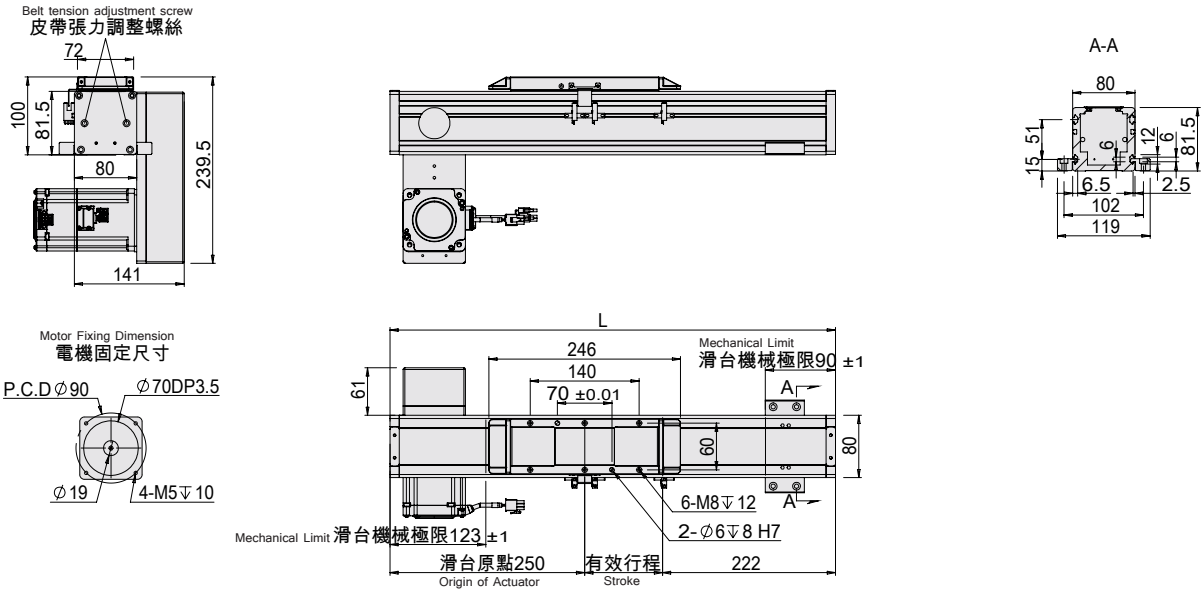




有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1472	1572	1672	1772	1872	1972	2072	2172	2272	2372	2472	2572	2672	2772	2872	2972	3072	3172	3272	3372	3472	3572	3672	3772	3872	3972
K G	14.3	14.8	15.3	15.8	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8	25.3	25.8	26.3	26.8

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4072	4172	4272	4372	4472	4572	4672	4772	4872	4972	5072	5172	5272	5372	5472	5572	5672	5772	5872	5972
K G	27.3	27.8	28.3	28.8	29.3	29.8	30.3	30.8	31.3	31.8	32.3	32.8	33.3	33.8	34.3	34.8	35.3	35.8	36.3	36.8

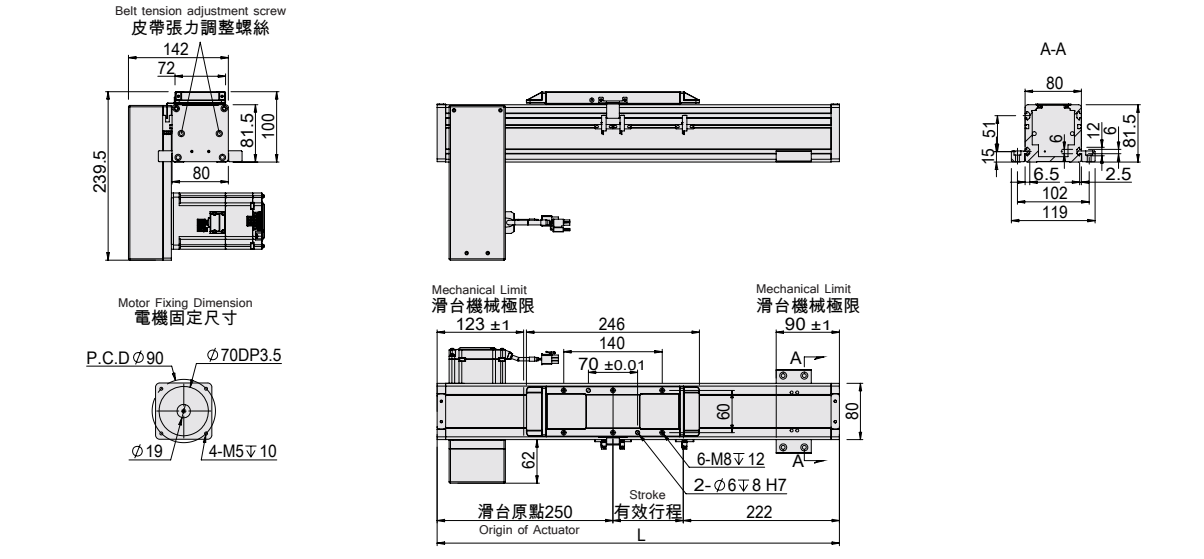
LD 馬達左下折
Motor Lower Left



有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1472	1572	1672	1772	1872	1972	2072	2172	2272	2372	2472	2572	2672	2772	2872	2972	3072	3172	3272	3372	3472	3572	3672	3772	3872	3972
K G	14.3	14.8	15.3	15.8	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8	25.3	25.8	26.3	26.8

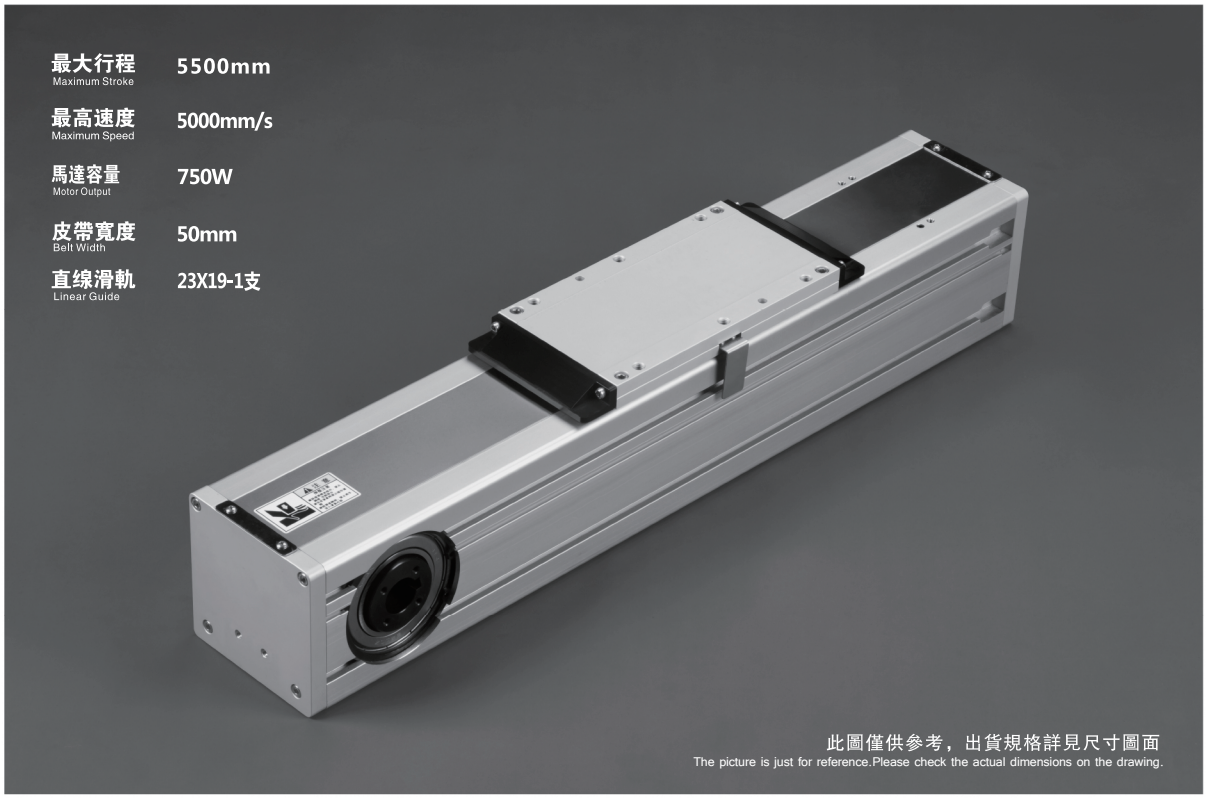
有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4072	4172	4272	4372	4472	4572	4672	4772	4872	4972	5072	5172	5272	5372	5472	5572	5672	5772	5872	5972
K G	27.3	27.8	28.3	28.8	29.3	29.8	30.3	30.8	31.3	31.8	32.3	32.8	33.3	33.8	34.3	34.8	35.3	35.8	36.3	36.8

RD 馬達右下折
Motor Lower Right



有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1472	1572	1672	1772	1872	1972	2072	2172	2272	2372	2472	2572	2672	2772	2872	2972	3072	3172	3272	3372	3472	3572	3672	3772	3872	3972
K G	14.3	14.8	15.3	15.8	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3	20.8	21.3	21.8	22.3	22.8	23.3	23.8	24.3	24.8	25.3	25.8	26.3	26.8

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4072	4172	4272	4372	4472	4572	4672	4772	4872	4972	5072	5172	5272	5372	5472	5572	5672	5772	5872	5972
K G	27.3	27.8	28.3	28.8	29.3	29.8	30.3	30.8	31.3	31.8	32.3	32.8	33.3	33.8	34.3	34.8	35.3	35.8	36.3	36.8



型號表示方式 Ordering Code

GKR110 - 2000 - L - M7 - C 4 - NL - 10 - A001

本體型號 Model

行程 Stroke
1000-5500mm
(間隔 100 mm pitch)

馬達位置 Motor Position

L	馬達左折 Motor Left	R	馬達右折 Motor Right
LU	馬達左上折 Motor Upper Left	RU	馬達右上折 Motor Upper Right
LD	馬達左下折 Motor Lower Left	RD	馬達右下折 Motor Lower Right
LT	馬達直結左折 Motor Inside Left	RT	馬達直結右折 Motor Inside Right

馬達固定尺寸 Motor Fixing Dimension

M7	伺服 PCD90-M6- 軸心 19 Servo PCD90-M6-Shaft 19	B
P7	伺服 PCD90-M5- 軸心 19 Servo PCD90-M5-Shaft 19	

※ 若無煞車則不表示。
NO brake, no description.

原點感應器 Home Sensor

外掛型 Out Side	
C	馬達側 Motor Side
D	反馬達側 Opposite Motor Side
無	NO SENSOR
E	無 NO SENSOR

注油嘴位置 Fuel Nozzle Position

NL	滑座左側 Left side of the slider
NR	滑座右側 Right side of the slider

端點極限感應器 Limit Sensor

外掛型 Out Side	
3	1只 1pc
4	2只 2pcs
無	NO SENSOR
5	無 No SENSOR

減速機比數 Reducer Ratio

10	10比
15	15比
20	20比
N	無減速機 No Reducer

特注式樣 Special Order No.

基本仕樣 Specification

減速機客户提供 Customer Provides data

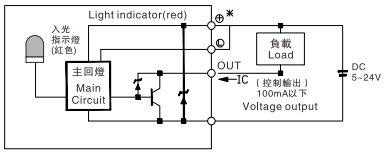
規格	位置重復精度 Repeatability (mm)		±0.1		
	導程 Lead (mm)		280		
	減速比 ratio		10:1	15:1	20:1
	最高速度 Maximum Speed (mm/s)		1400	933	700
	最大可搬重量 Maximum Payload	水平使用 kg Horizontal (kg)	100	150	200
		垂直使用 kg Vertical (kg)	23	36	50
	定格推力 Rated Thrust (N)		765		
	標準行程 Stroke Pitch (mm)		1000~5500mm/100间隔		
部品	AC伺服馬達容量 AC Servo Motor Output (W)		750/1000		
	皮帶寬度 Belt Width (mm)		50		
	高剛性直線滑軌 High Rigidity Linear Guide (mm)		W23XH19		
	原點感應器 Home Sensor	外 Outside	EE-SX672(NPN)		

※垂直使用時，若皮帶斷裂，承載物會有掉落的危險，請留意。
When install vertically, please be cautious that the load substance may fall off if the belt breaks.

※滑台未安裝減速機時，導程為280。
The lead would be 200 if reducer is not installed on the slider.

※馬達加減速設定0.4秒。
Acceleration and deacceleration value is set 0.4 second.

感應器接綫圖 <原點及端點> Sensor Layout

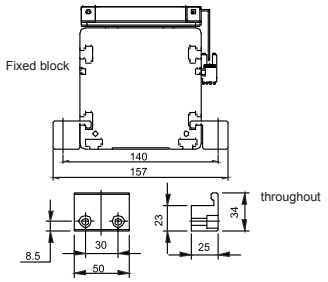


滑臺固定螺帽數量 Numbers of fixing screws

各行程M8後裝螺帽數量 M8 nuts Qty.(by stroke)			
有效行程 Stroke	數量 Quantity	有效行程 Stroke	數量 Quantity
100~500	4	2600~3000	14
600~1000	6	3100~3500	16
1100~1500	8	3600~4000	18
1600~2000	10	4100~4500	20
2100~2500	12	4600~5000	22

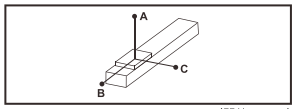
※滑臺標準固定方式爲下鎖式，使用M8後裝螺帽固定。
Standard mounting method is fixing from the bottom with M8 bolt and nut.

安裝示意圖&安裝尺寸
Installation Instructions&Dimentions



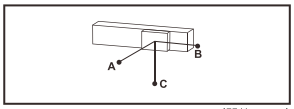
※上鎖式固定板非標準品，若有需求請另外追加選購。
Top fixing plate is optional.

容許負載力距表 N.m Allowable Moment of Inertia



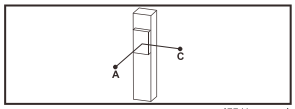
(單位 : mm)

水平安裝 Horizontal Installation		A	B	C
10:1	60kg	1110	195	25
	80kg	750	126	16
	100kg	550	85	11
15:1	90kg	1400	160	20
	120kg	940	100	13
	150kg	650	63	8
20:1	120kg	1400	115	15
	160kg	900	65	8
	200kg	550	35	5



(單位 : mm)

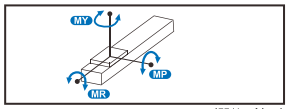
壁掛安裝 Wall Installation		A	B	C
10:1	60kg	25	195	1110
	80kg	16	126	750
	100kg	11	85	550
15:1	90kg	20	160	1400
	120kg	13	100	940
	150kg	8	63	650
20:1	120kg	15	115	1400
	160kg	8	65	900
	200kg	5	35	550



(單位 : mm)

垂直安裝 Vertical Installation		A	C
10:1	12kg	1300	1300
	18kg	870	870
	23kg	680	680
15:1	14kg	1480	1480
	25kg	830	830
	36kg	575	575
20:1	30kg	750	750
	40kg	560	560
	50kg	450	450

靜態容許負載慣量 N.m
Static Loading Moment of Inertia



(單位 : N.m)

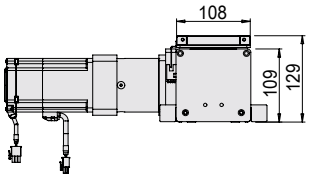
MY	1479.3
MP	1479.3
MKR	189.7

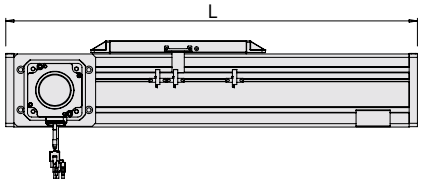
*力矩表所表示的數據，代表重心。
*The torque value in the chart indicate the center of gravity.

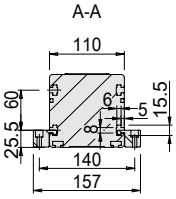
*符合型錄規範的正常使用下，保證壽命爲10000公里。
*Operation life is 10,000km when the product is using under the specified conditions.

*總長超過1000mm以上，鋼帶有變形風險，避免墻面使用。
*The steel strip cover may deform when the actuator length is over 1000mm. Horizontal application is recommend.

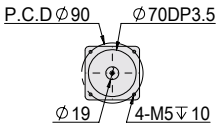
LT 馬達直結左折
Reducer With Motor Left Side

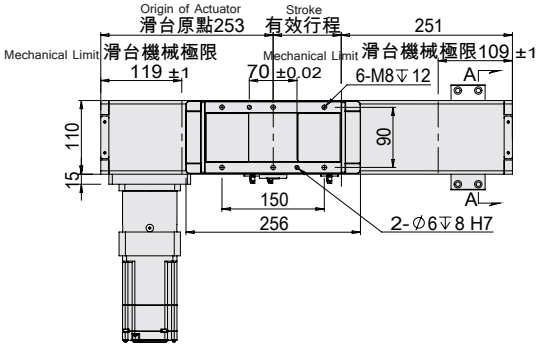






Motor Fixing Dimension
電機固定尺寸

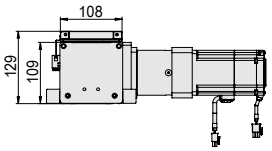


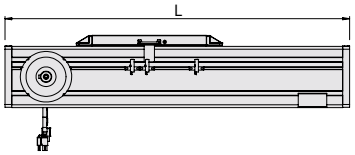


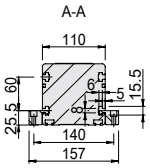
有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1504	1604	1704	1804	1904	2004	2104	2204	2304	2404	2504	2604	2704	2804	2904	3004	3104	3204	3304	3404	3504	3604	3704	3804	3904	4004
K G	10.7	11	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14	14.3	14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17	17.3	17.5	17.8	18.1

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4104	4204	4304	4404	4504	4604	4704	4804	4904	5004	5104	5204	5304	5404	5504	5604	5704	5804	5904	6004
K G	18.4	18.7	19	19.3	19.6	19.9	20.2	20.5	20.8	21.1	21.4	21.7	22	22.3	22.6	22.9	23.2	23.5	23.8	24.1

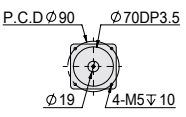
RT 馬達直結右折
Reducer With Motor Right Side

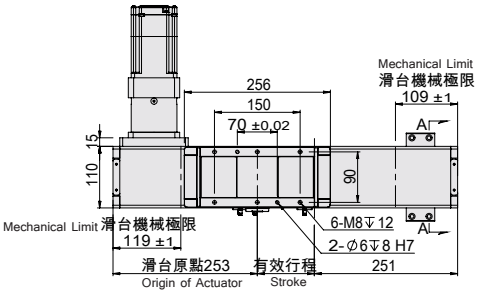






Motor Fixing Dimension
電機固定尺寸

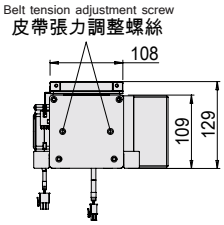


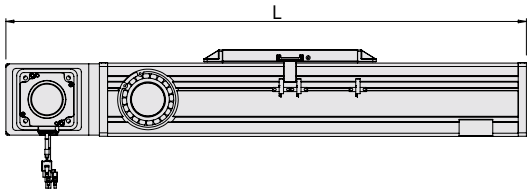


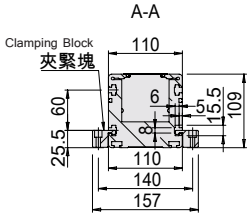
有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1504	1604	1704	1804	1904	2004	2104	2204	2304	2404	2504	2604	2704	2804	2904	3004	3104	3204	3304	3404	3504	3604	3704	3804	3904	4004
K G	10.7	11	11.3	11.6	11.9	12.2	12.5	12.8	13.1	13.4	13.7	14	14.3	14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17	17.3	17.5	17.8	18.1

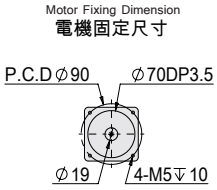
有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4104	4204	4304	4404	4504	4604	4704	4804	4904	5004	5104	5204	5304	5404	5504	5604	5704	5804	5904	6004
K G	18.4	18.7	19	19.3	19.6	19.9	20.2	20.5	20.8	21.1	21.4	21.7	22	22.3	22.6	22.9	23.2	23.5	23.8	24.1

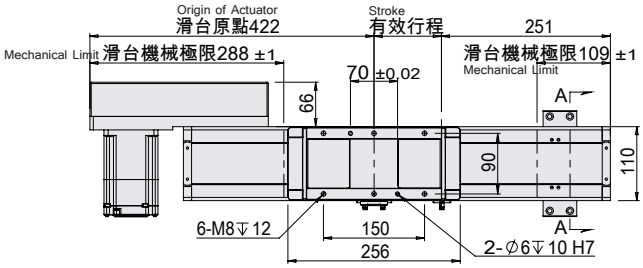
L 馬達左折
Motor On Left Side







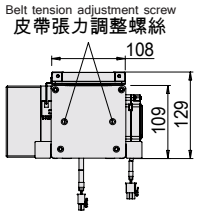


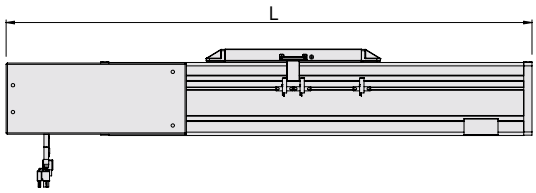


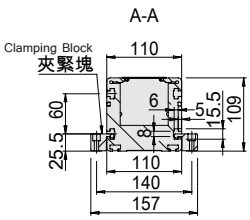
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L	1673	1773	1873	1973	2073	2173	2273	2373	2473	2573	2673	2773	2873	2973	3073	3173	3273	3373	3473	3573	3673	3773	3873	3973	4073	4173
K G	41.3	41.8	42.3	42.8	43.3	43.8	44.3	44.8	45.3	45.8	46.3	46.8	47..3	47.8	48.3	48.8	49.3	49.8	50.3	50.8	51.3	51.8	52.3	52.8	53.3	53.8

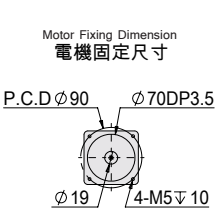
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L	4273	4373	4473	4573	4673	4773	4873	4973	5073	5173	5273	5372	5473	5573	5673	5773	5873	5973	6073	6173
K G	54.3	54.8	55.3	55.8	56.3	56.8	57.3	57.8	58.3	58.8	59.3	59.8	60.3	60.8	61.3	61.8	62.3	62.8	63.3	63.8

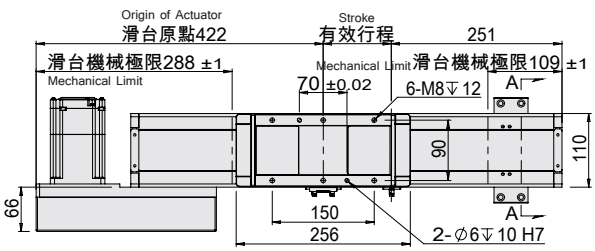
R 馬達右折
Motor On Right Side







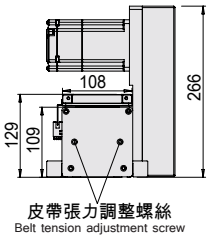


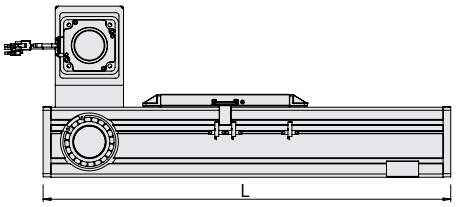


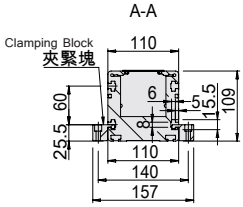
有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1673	1773	1873	1973	2073	2173	2273	2373	2473	2573	2673	2773	2873	2973	3073	3173	3273	3373	3473	3573	3673	3773	3873	3973	4073	4173
K G	41.3	41.8	42.3	42.8	43.3	43.8	44.3	44.8	45.3	45.8	46.3	46.8	47..3	47.8	48.3	48.8	49.3	49.8	50.3	50.8	51.3	51.8	52.3	52.8	53.3	53.8

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4273	4373	4473	4573	4673	4773	4873	4973	5073	5173	5273	5372	5473	5573	5673	5773	5873	5973	6073	6173
K G	54.3	54.8	55.3	55.8	56.3	56.8	57.3	57.8	58.3	58.8	59.3	59.8	60.3	60.8	61.3	61.8	62.3	62.8	63.3	63.8

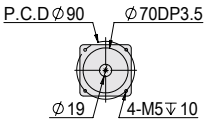
LU 馬達左上折
Motor Upper Left

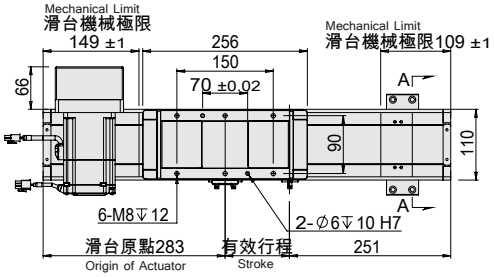






Motor Fixing Dimension
電機固定尺寸

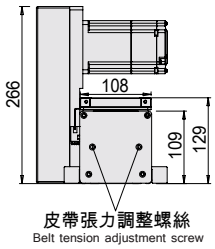


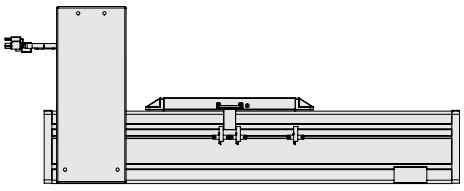


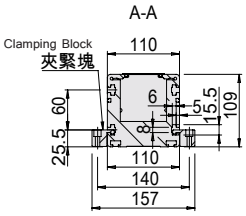
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L	1534	1634	1734	1834	1934	2034	2134	2234	2334	2434	2534	2634	2734	2834	2934	3034	3134	3234	3334	3434	3534	3634	3734	3834	3934	4034
K G	41.3	41.8	42.3	42.8	43.3	43.8	44.3	44.8	45.3	45.8	46.3	46.8	47..3	47.8	48.3	48.8	49.3	49.8	50.3	50.8	51.3	51.8	52.3	52.8	53.3	53.8

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4134	4234	4334	4434	4534	4634	4734	4834	4934	5034	5134	5234	5334	5434	5534	5634	5734	5834	5934	6034
K G	54.3	54.8	55.3	55.8	56.3	56.8	57.3	57.8	58.3	58.8	59.3	59.8	60.3	60.8	61.3	61.8	62.3	62.8	63.3	63.8

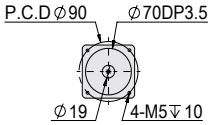
RU 馬達右上折
Motor Upper Right

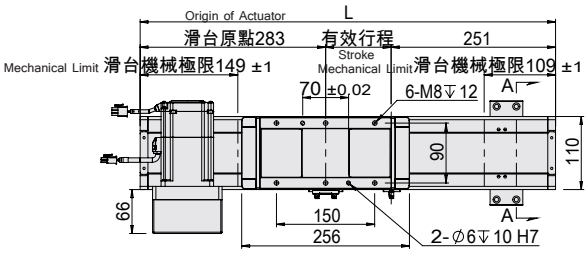






Motor Fixing Dimension
電機固定尺寸

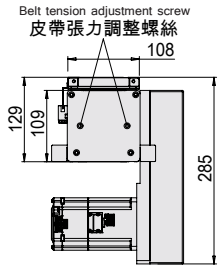


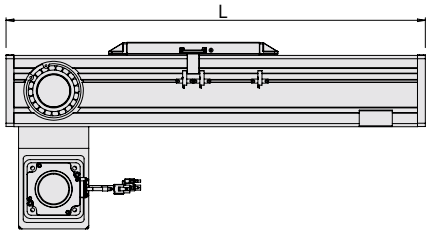


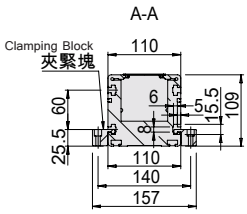
有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1534	1634	1734	1834	1934	2034	2134	2234	2334	2434	2534	2634	2734	2834	2934	3034	3134	3234	3334	3434	3534	3634	3734	3834	3934	4034
K G	41.3	41.8	42.3	42.8	43.3	43.8	44.3	44.8	45.3	45.8	46.3	46.8	47..3	47.8	48.3	48.8	49.3	49.8	50.3	50.8	51.3	51.8	52.3	52.8	53.3	53.8

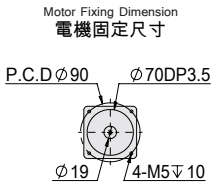
有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4134	4234	4334	4434	4534	4634	4734	4834	4934	5034	5134	5234	5334	5434	5534	5634	5734	5834	5934	6034
K G	54.3	54.8	55.3	55.8	56.3	56.8	57.3	57.8	58.3	58.8	59.3	59.8	60.3	60.8	61.3	61.8	62.3	62.8	63.3	63.8

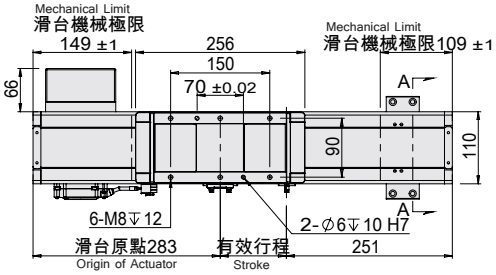
LD 馬達左下折
Motor Lower Left







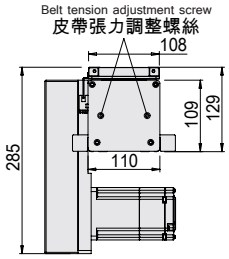


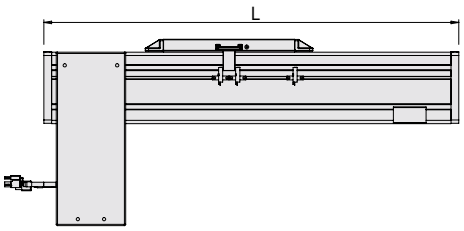


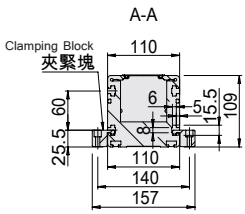
有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1534	1634	1734	1834	1934	2034	2134	2234	2334	2434	2534	2634	2734	2834	2934	3034	3134	3234	3334	3434	3534	3634	3734	3834	3934	4034
K G	41.3	41.8	42.3	42.8	43.3	43.8	44.3	44.8	45.3	45.8	46.3	46.8	47..3	47.8	48.3	48.8	49.3	49.8	50.3	50.8	51.3	51.8	52.3	52.8	53.3	53.8

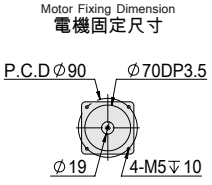
有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4134	4234	4334	4434	4534	4634	4734	4834	4934	5034	5134	5234	5334	5434	5534	5634	5734	5834	5934	6034
K G	54.3	54.8	55.3	55.8	56.3	56.8	57.3	57.8	58.3	58.8	59.3	59.8	60.3	60.8	61.3	61.8	62.3	62.8	63.3	63.8

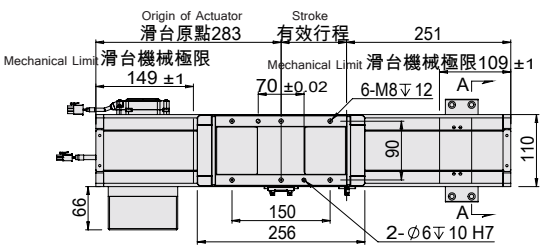
RD 馬達右下折
Motor Lower Right











有效行程 Stroke	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500
L	1534	1634	1734	1834	1934	2034	2134	2234	2334	2434	2534	2634	2734	2834	2934	3034	3134	3234	3334	3434	3534	3634	3734	3834	3934	4034
K G	41.3	41.8	42.3	42.8	43.3	43.8	44.3	44.8	45.3	45.8	46.3	46.8	47..3	47.8	48.3	48.8	49.3	49.8	50.3	50.8	51.3	51.8	52.3	52.8	53.3	53.8

有效行程 Stroke	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400	5500
L	4134	4234	4334	4434	4534	4634	4734	4834	4934	5034	5134	5234	5334	5434	5534	5634	5734	5834	5934	6034
K G	54.3	54.8	55.3	55.8	56.3	56.8	57.3	57.8	58.3	58.8	59.3	59.8	60.3	60.8	61.3	61.8	62.3	62.8	63.3	63.8