GEC50
GEC50L
GEC50T
GEC65
GEC65L
GEC65T
GEC80
GEC80T

型號表示方式 Ordering Code

GEC50 - L5 - 100 - BC - M10 B - C 4 - 0001

- **GEC50** — 本體型號 Model
- **L5** — 螺桿導程 Ball Screw Lead

5	5mm
10	10mm

- **100** — 行程 Stroke 50–500mm
- **BC** — 馬達位置 Motor Position

BC	馬達外露 Motor Exposed
BW	馬達上折 Motor On Upper Side
BM	馬達下折 Motor On Lower Side
BL	馬達左折 Motor On Left Side
BR	馬達右折 Motor On Right Side

- **M10** — 馬達廠牌、功率 Motor Brand, Power Output

P	松下 Panasonic	10 100W
T	臺達 Delta	
M	三菱 Mitsubishi	

- **B** — 煞車 Brake: B 有煞車 With Brake; 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; 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
5	無 No SENSOR

- **0001** — 特注式樣 Special Order No.

基本仕樣 Specification

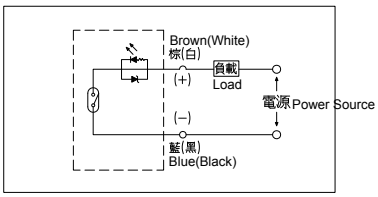
性能	位置重復精度 Repeatability (mm)		±0.01	
	螺桿導程 Screw Lead (mm)		5	10
	最高速度 Maximum Speed (mm/s)		250	500
	最大可搬重量 Maximum Payload	水平使用 kg Horizontal (kg)	30	15
		垂直使用 kg Vertical (kg)	12	5
	定格推力 Rated Thrust (N)		341	170
	標準行程 Stroke Pitch (mm)		50~500mm/50间隔	
部品	AC伺服馬達容量 AC Servo Motor Output (W)		100W	
	滾珠螺桿外徑 Ball Screw ø (mm)		C7 ø12	
	聯軸器 Couping (mm)		8X8	
	原點感應器 Home Sensor	外掛 Out side	CS-6T	

※1 行程超過200時, 會產生螺桿偏擺, 此時請將速度調降。
When the stroke is over 200mm,the ball screw will deflect.
We recommend to low down the working speed under this circumstance.

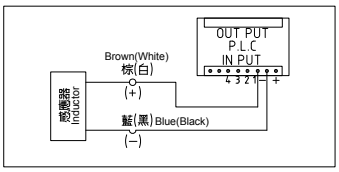
※2 符合型錄規範的正常使用下,保證壽命為10000公里。
The lifespan is 10000km when the products are operating under specified conditions.

感應器回路與接綫圖
The Inductor circuit and wiring diagram

一般性負載：如繼電器或其它之電阻性負載
General load: such as relay or other resistive load

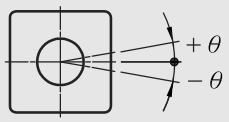


可程式控制器接線圖
Wiring diagram for Programmable controller



防止迴轉精度 Anti-rotating Accuracy

出力桿的防止迴轉精度
Anti-rotating Accuracy of Rod



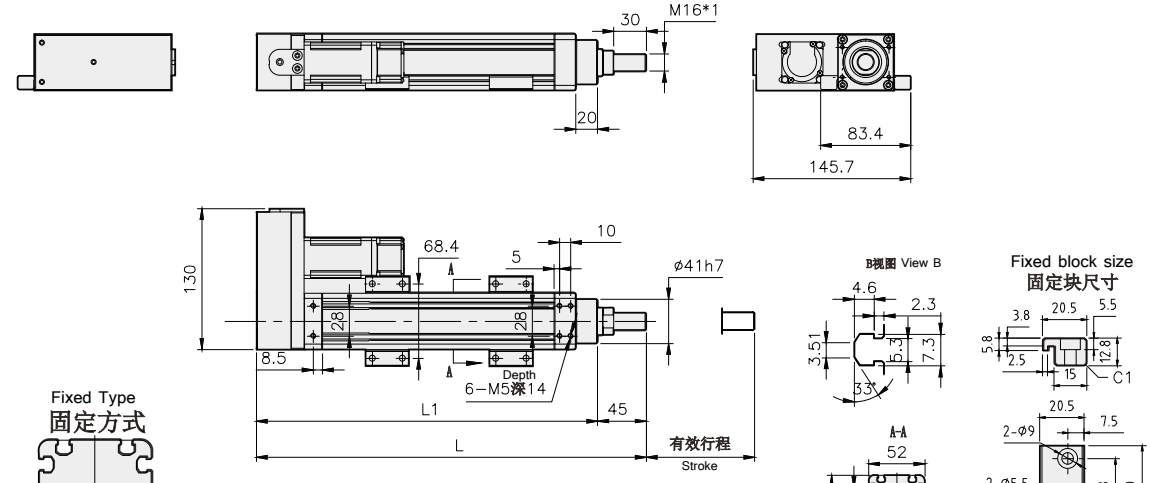
防止迴轉精度 θ Anti-rotating accuracy
±0.01°

※使用時請避免活塞桿承受迴轉扭力, 因為有可能會造成防轉塊變形, 導致自動開關反應異常, 內部滑軌變形, 進而造成增加作動阻抗。
Please avoid the piston rod from bearing rotational torque during operation, because it may cause deformation of the anti-rotation block, resulting in abnormal response of the automatic switch and deformation of the internal slide rail, which will increase the sliding resistance.

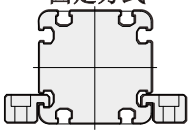
搭配伺服馬達一覽表 Suitable Motor Brand

廠牌 Brand	馬達記號 Mark	煞車有無 Brake	馬達容量 Watt	電源電壓 (AC-Voltage)	伺服馬達型號 Motor Model	驅動器型號 Driver Model
三菱 Mitsubishi	M	無煞車(水平仕樣) No Brake (Horizontal Type)	100	220	HG-KR13	MR-J4-10A
		有煞車(垂直仕樣) With Brake (Vertical Type)	100	220	HG-KR13B	MR-J4-10A
松下 Panasonic	P	無煞車(水平仕樣) No Brake (Horizontal Type)	100	220	MSMD012G1U	MADHT1505
		有煞車(垂直仕樣) With Brake (Vertical Type)	100	220	MSMD012G1V	MADHT1505
台達 Delta	T	無煞車(水平仕樣) No Brake (Horizontal Type)	100	220	ECMA-C20401ES	ASD-B20121-B
		有煞車(垂直仕樣) With Brake (Vertical Type)	100	220	ECMA-C20401FS	ASD-B20121-B

BL 馬達左折
Motor On Left Side

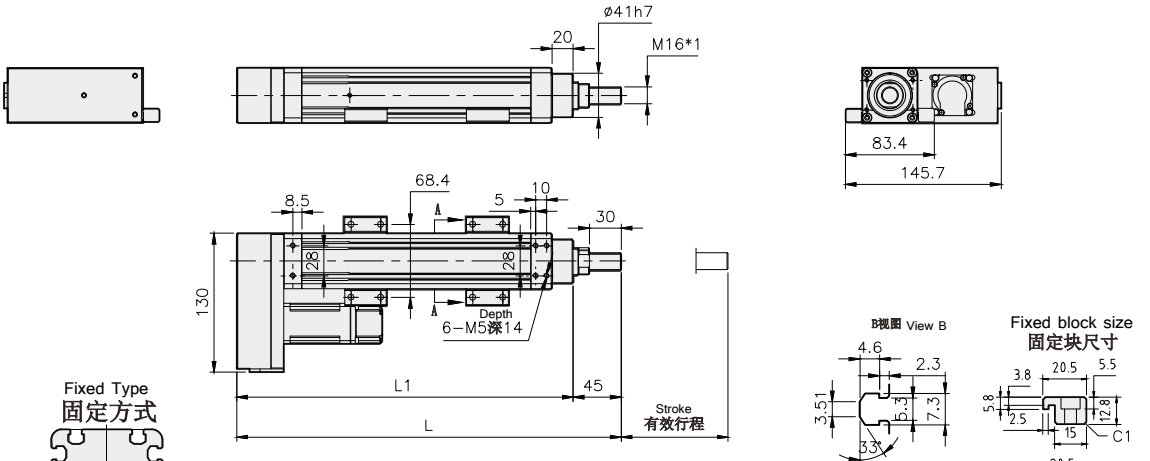


Fixed Type
固定方式

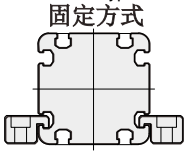


有效行程 Stroke	50	100	150	200	250	300	350	400	450	500
L	310	360	410	460	510	560	610	660	710	760
L1	265	315	365	415	465	515	565	615	665	715
KG	2.43	2.68	2.94	3.20	3.50	3.71	3.91	4.18	4.43	4.65

BR 馬達右折
Motor On Right Side

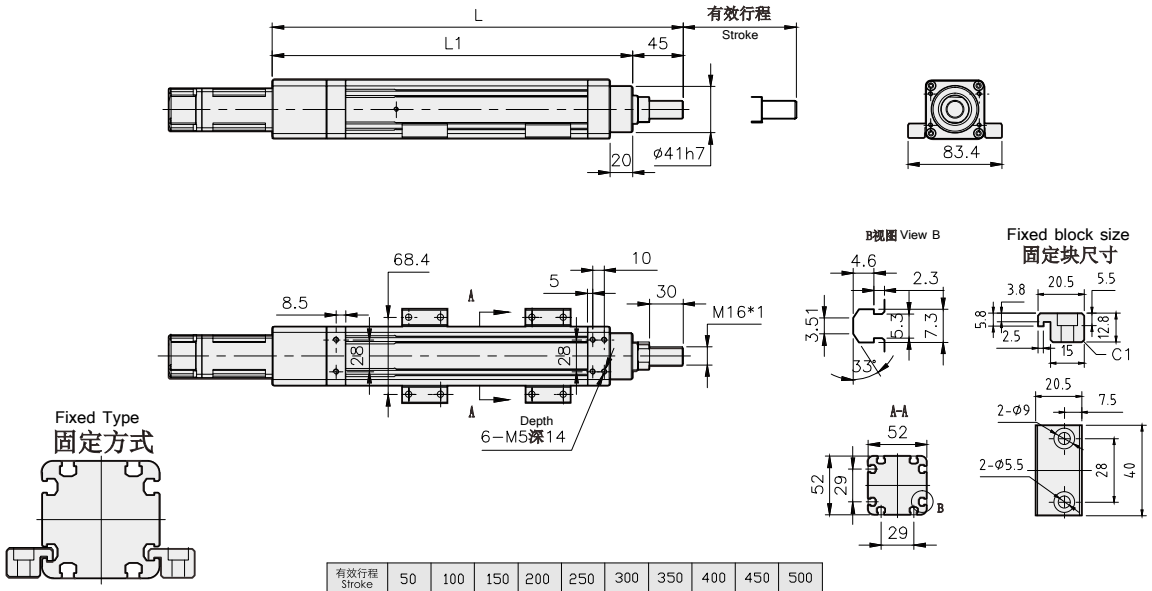


Fixed Type
固定方式



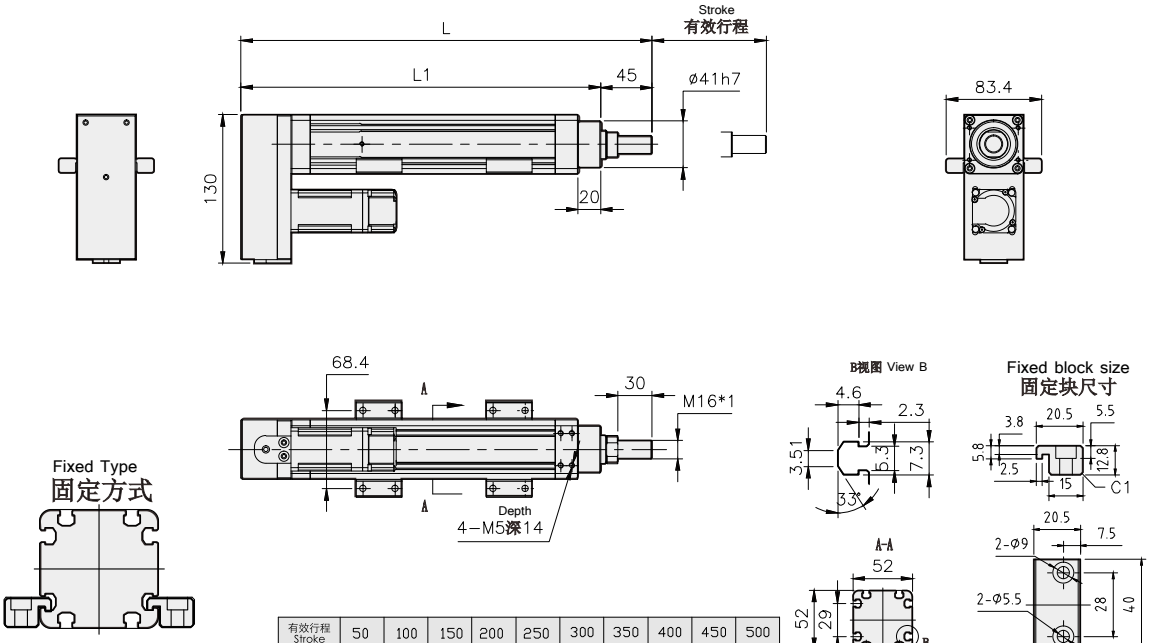
有效行程 Stroke	50	100	150	200	250	300	350	400	450	500
L	310	360	410	460	510	560	610	660	710	760
L1	265	315	365	415	465	515	565	615	665	715
KG	2.43	2.68	2.94	3.20	3.50	3.71	3.91	4.18	4.43	4.65

BC 馬達外露
Motor Exposed



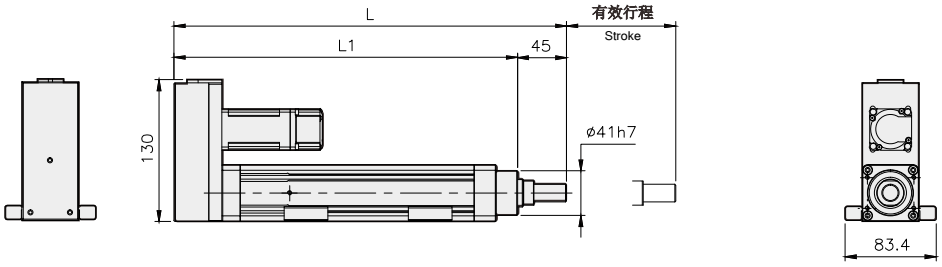
有效行程 Stroke	50	100	150	200	250	300	350	400	450	500
L	314	364	414	464	514	564	614	664	714	764
L1	269	319	369	419	469	519	569	619	669	719
KG	2.38	2.67	2.96	3.26	3.55	3.87	4.17	4.48	4.78	5.09

BM 馬達下折
Motor On Lower Side

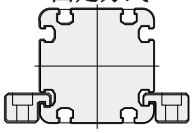


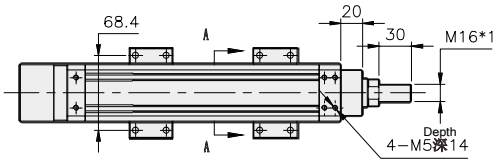
有效行程 Stroke	50	100	150	200	250	300	350	400	450	500
L	310	360	410	460	510	560	610	660	710	760
L1	265	315	365	415	465	515	565	615	665	715
KG	2.43	2.68	2.94	3.20	3.50	3.71	3.91	4.18	4.43	4.65

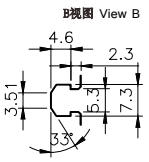
BW 馬達上折
Motor Top

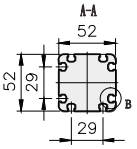


Fixed Type
固定方式

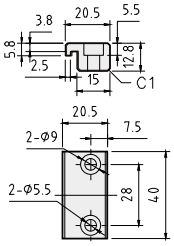








Fixed block size
固定块尺寸



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L	310	360	410	460	510	560	610	660	710	760
L1	265	315	365	415	465	515	565	615	665	715
KG	2.43	2.68	2.94	3.20	3.50	3.71	3.91	4.18	4.43	4.65