



最大行程
Maximum Stroke 1700mm

最高速度
2400mm/s

馬達容量
Motor Output 200w

皮帶寬度
Belt width 15mm

型號表示方式 Ordering Method

GRP8 - L 48 - 100 - L - M20 - C 4 - 0001

本體型號
Model

導程
Lead

行程 Stroke
50-1400mm

特注式樣
Special Order No.

皮帶型式
Belt Type
L 無塵皮帶
Rubber Belt

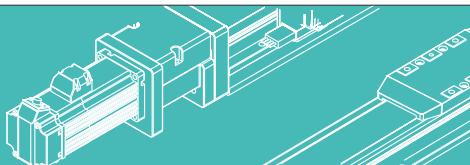
馬達位置 Motor Position	
BW	馬達上折 Motor Upper Side
BM	馬達下折 Motor Bottom Side
L	馬達左折 Motor Left Side
R	馬達右折 Motor Right Side

馬達廠牌 Motor Brand	功率 Power Output
P 松下(標準) Panasonic	20 200W
M 三菱(標準) Mitsubishi	-
T 台達 Delta	-

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

端點極限感應器 Limit Sensor	
外掛型 Out Side	
3	1只 1pc
4	2只 2pc
無	NO SENSOR

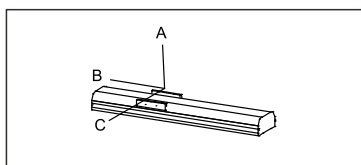
※選擇行程50時,有以下限制:
When the stroke is 50mm, the sensor installation has the following restrictions:
1. 原點與極限需放置於不同側。
Home sensor and limit sensor has to be installed on the different side of body.
2. 滑座左右兩側皆需安裝感應片。
Both sides of slider need to install the sensor trigger device.



基本仕様 Specification

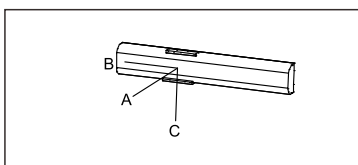
性能	位置重複精度 Repeatability (mm)	± 0.04	
	導程 Lead (mm)	48	
	最高速度 Maximum Speed (mm/s)	2400	
	最大可搬重量 Maximum Payload	水平使用 kg Horizontal (kg)	15
		垂直使用 kg Vertical (kg)	
	定格推力 Rated Thrust (N)	80	
	標準行程 Stroke Pitch (mm)	50~1400mm/50間隔	
部品	AC伺服馬達容量 AC Servo Motor Output (W)	200W	
	皮帶寬度 Belt Width (mm)	15	
	連軸器 Coupling (mm)	10X14(11) (注1)	
	原點感應器 Home Sensor	外掛 Outside	EE-SX674(NPN)

容許負載力距表 N.m Allowable Overhang



(單位: mm)

水平安裝 Horizontal Installation	A	B	C
5kg	850	322	395
10kg	560	185	226
15kg	473	135	156



(單位: mm)

牆面安裝 Wall Installation	A	B	C
5kg	355	310	532
10kg	210	196	455
15kg	171	155	435

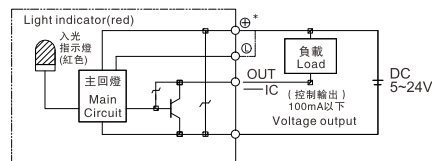
*力矩表所表示的數據，代表重心。
The torque value in the chart indicate the center of gravity.

*符合型錄規範的正常使用下，保證壽命為10000公裏。
Operation life is 1,0000km when the product is using under the specified conditions.

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(水平仕様) No Brake (Horizontal Type)	200	220	HG-KR23	MR-J4-20A
松下 Panasonic	P	無煞車(水平仕様) No Brake (Horizontal Type)	200	220	MSMD022G1U	MADHT1507
台達 Delta	T	無煞車(水平仕様) No Brake (Horizontal Type)	200	220	ECMA-C20602ES	ASD-B20221-B

感應器接線圖 <原點及端點> Sensor Layout

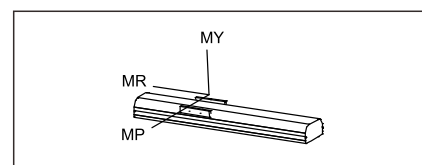


*馬達加減速設定0.4秒
*Acceleration and deceleration value is set 0.4 second.

*注1:使用Panasonic 200W馬達時，馬達軸心為Φ11；
其他廠牌，馬達軸心為Φ14。

*Motor (200W) Shaft Diameter: Panasonic: 11mm; Other: 14mm.

靜態容許負載慣量 Static Loading Moment



水平使用時
Static Loading Moment (單位: N.m)

MY	318
MP	318
MR	626

GRP8

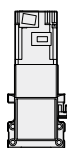
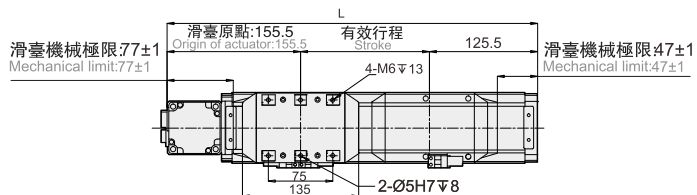
Series

單軸/1-axis

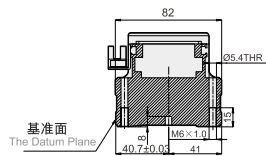
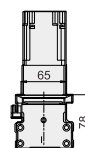
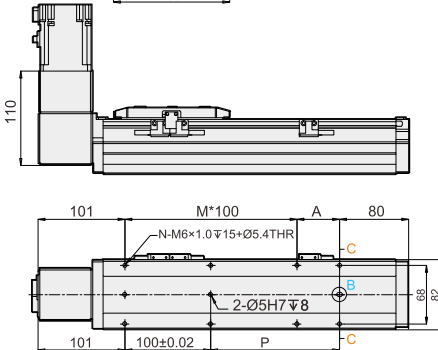
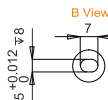
馬達上折/馬達下折
Motor Exposed/Motor On Lower Side

單位 Unit:mm

BW 馬達上折 Motor Upper Side



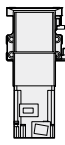
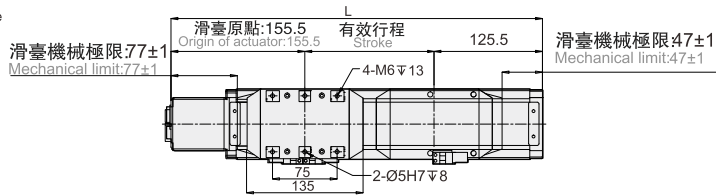
※行程 50 時，因本體上鎖式固定孔會被滑座遮住，僅能使用 4 支螺絲固定，建議客戶本體使用下鎖式固定孔鎖附。
When the stroke is 50mm, if fixing the body from the top to the bottom, the fixing hole will be blocked by slider and only can be uses 4 screws to fix as a result, suggest that fixing actuator body from the bottom to the top.



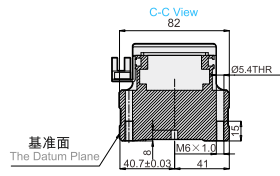
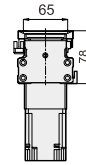
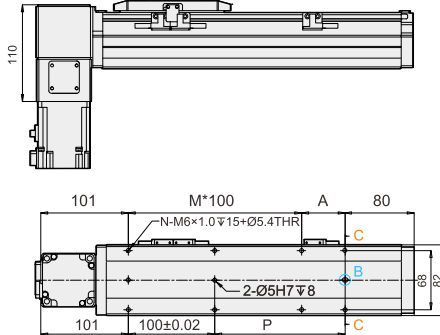
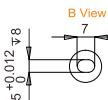
有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
L	331	381	431	481	531	581	631	681	731	781	831	881	931	981	1031	1081	1131	1181	1231	1281	1331	1381	1431	1481	1531	1581	1631	1681
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
KG	3.15	3.42	3.69	3.97	4.25	4.52	4.8	5.07	5.35	5.63	5.9	6.17	6.44	6.71	6.98	7.25	7.52	7.79	8.06	8.33	8.6	8.87	9.14	9.41	9.68	9.95	10.22	10.49

單位 Unit:mm

BM 馬達下折 Motor On Lower Side



※行程 50 時，因本體上鎖式固定孔會被滑座遮住，僅能使用 4 支螺絲固定，建議客戶本體使用下鎖式固定孔鎖附。
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.



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A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
KG	3.15	3.42	3.69	3.97	4.25	4.52	4.8	5.07	5.35	5.63	5.9	6.17	6.44	6.71	6.98	7.25	7.52	7.79	8.06	8.33	8.6	8.87	9.14	9.41	9.68	9.95	10.22	10.49

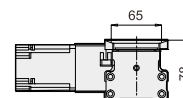
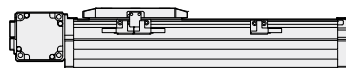
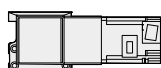
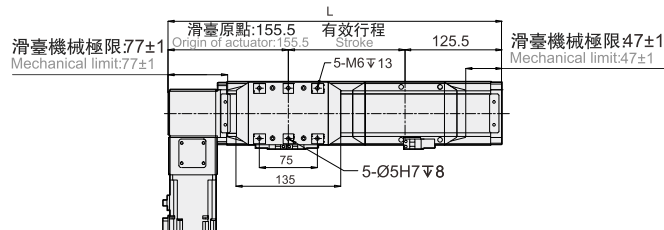
馬達左折/馬達右折 Motor Left/Motor Right

2022 綜合型錄

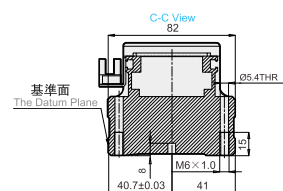
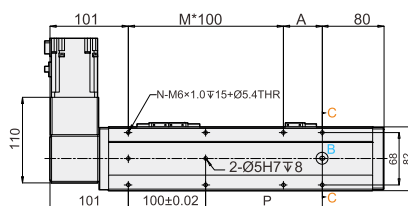
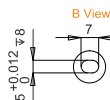


馬達左折 Motor On Left Side

單位 Unit:mm



※行程 50 時，因本體上鎖式固定孔會被滑座遮住，僅能使用 4 支螺絲固定，建議客戶本體使用下鎖式固定孔鎖附。
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 used 4 screws to fix; as a result, suggest that fixing actuator body from the bottom to the top.

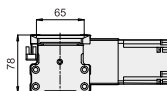
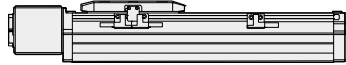
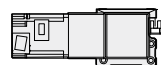
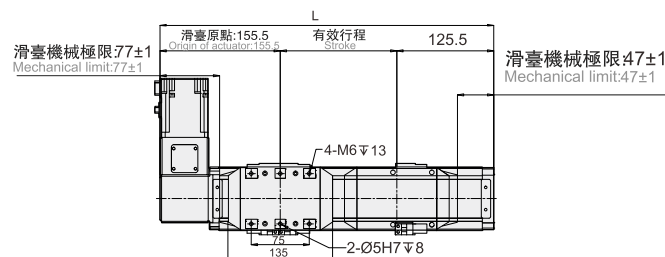


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L	331	381	431	481	531	581	631	681	731	781	831	881	931	981	1031	1081	1131	1181	1231	1281	1331	1381	1431	1481	1531	1581	1631	1681
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
KG	3.15	3.42	3.69	3.97	4.25	4.52	4.8	5.07	5.35	5.63	5.9	6.17	6.44	6.71	6.98	7.25	7.52	7.79	8.06	8.33	8.6	8.87	9.14	9.41	9.68	9.95	10.22	10.49

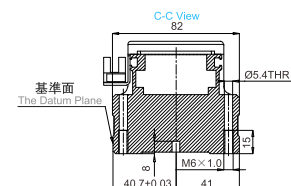
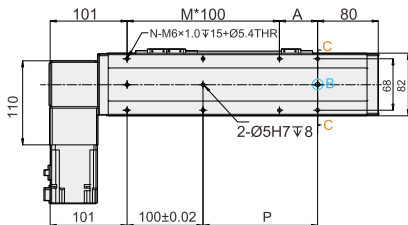
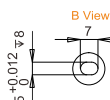


馬達右折 Motor On Right Side

單位 Unit:mm



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A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28	30	30	32	32
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400
KG	3.15	3.42	3.69	3.97	4.25	4.52	4.8	5.07	5.35	5.63	5.9	6.17	6.44	6.71	6.98	7.25	7.52	7.79	8.06	8.33	8.6	8.87	9.14	9.41	9.68	9.95	10.22	10.49