

107S - TL10 - S300 - M1 - P100W - B

型號
Model

孔型與導程
Hole type and Lead

行程
Stroke

馬達方向
Motor direction

馬達廠牌及出力
Motor brand and output

煞車
Brake

T 底部通孔
Through hole
Y 底部牙孔
Thread hole

馬達方向 Motor direction

M1 馬達內置 Motor inside position
M2 馬達外置 Motor outside position
M3 馬達外置右側 Motor outside, rightward position
M4 馬達外置左側 Motor outside, leftward position
M5 馬達外置上方 Motor outside, upper position
M6 馬達外置下方 Motor outside, lower position

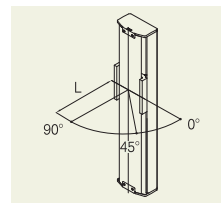
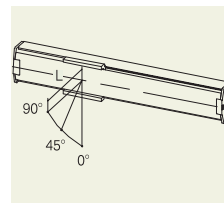
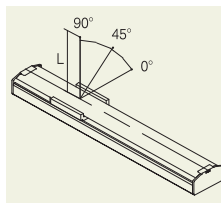
馬達廠牌及出力 Motor brand and output

H 上銀 Hiwin
X 西門子 Siemens
M 三菱 Mitsubishi
Y 安川 Yaskawa
P 松下 Panasonic
F 富士 Fuji
T 台達 Delta

107S規格表(107S Specification):

馬達出力 AC Servo motor output(W)		100W			
重覆定位精度 Repeatability(mm)		±0.01			
滾珠螺桿外徑 B.S(Ø)		16	16	16	16
滾珠螺桿導程 Lead(mm)		5	10	16	20
最快速度 Maximun speed(mm/sec)		250	500	800	1000
最大載重 Maximun payload(kg)	水平使用 (H)	50	35	23	18
	垂直使用 (V)	15	10	7	4
額定推力 Rated thrust(N)		300	150	85	75
行程 Stroke(mm)		100~1050 50 間隔 (interval)			

線性滑軌20x18-1支 (Linear Guide20x18-1 1支)



水平安裝應用 (單位:mm)
Horizontal use

導程 Lead	荷重 Payload	0°	45°	90°
Lead 20	5kg	188	210	872
	10kg	89	108	441
	18kg	55	60	260
Lead 16	10kg	160	177	567
	15kg	82	109	350
	23kg	0	0	116
Lead 10	20kg	57	68	323
	25kg	23	51	205
	35kg	0	0	100
Lead 05	30kg	15	35	399
	50kg	0	0	0
	60kg	0	0	0

牆面安裝應用 (單位:mm)
Wall installation use

導程 Lead	荷重 Payload	0°	45°	90°
Lead 20	5kg	575	102	140
	10kg	308	65	88
	20kg	122	0	3
Lead 16	5kg	610	100	143
	10kg	371	82	113
	20kg	168	0	21
Lead 10	10kg	495	29	86
	20kg	209	0	11
	30kg	0	0	0
Lead 05	10kg	1385	37	95
	20kg	495	0	19
	30kg	0	0	0

垂直安裝應用 (單位:mm)
During vertical use

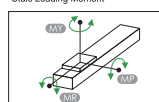
導程 Lead	荷重 Payload	0°	45°	90°
Lead 20	1kg	478	144	438
	2kg	199	61	111
	4kg	148	20	96
Lead 16	3kg	245	95	189
	5kg	180	47	153
	7kg	52	0	10
Lead 10	6kg	208	91	164
	8kg	96	32	58
	10kg	42	0	7
Lead 05	10kg	132	25	99
	13kg	100	8	72
	15kg	79	0	39

*滑塊表面中心到搬送物重心的距離(僅供參考)
Distance center of slider top to center of gravity of object being transported (For reference only)

"此款型號不建議當多軸負載軸"

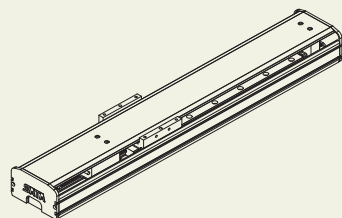
This model suggest not be used as load axis of multi axes.

靜態容許負載力矩
Static Loading Moment

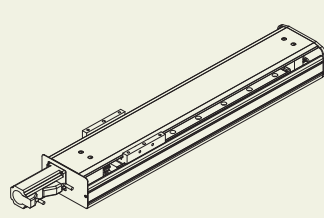


(單位:N.m) (Unit:N.m)

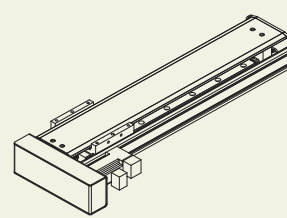
水平使用時 Static Loading Moment	
MY	110
MP	110
MR	120



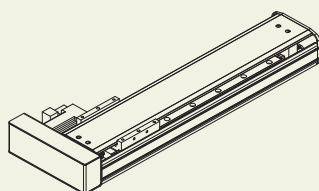
M1



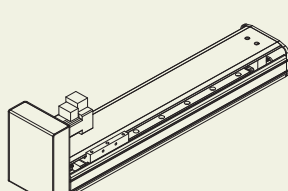
M2



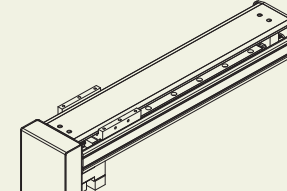
M3



M4

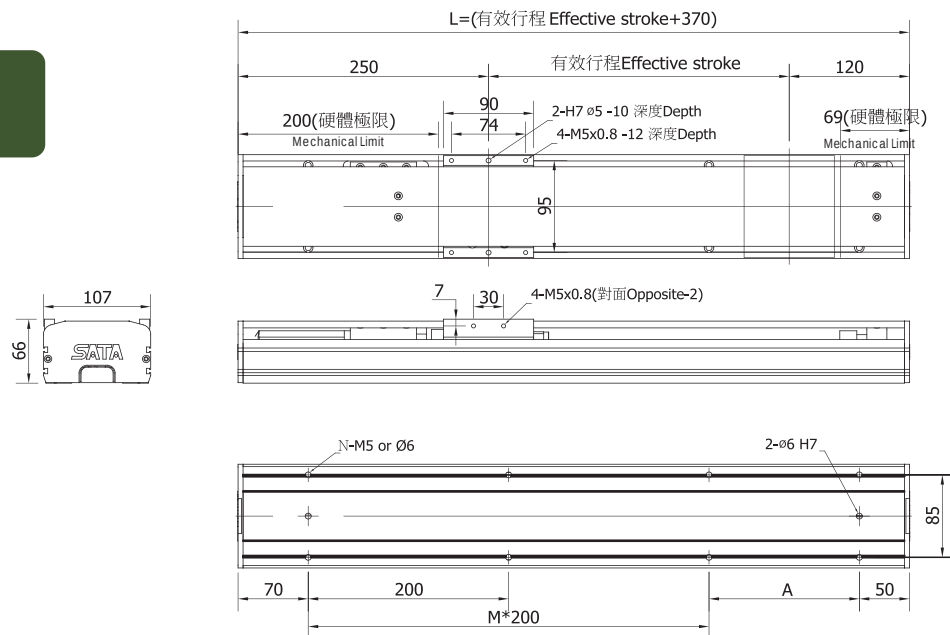


M5



M6

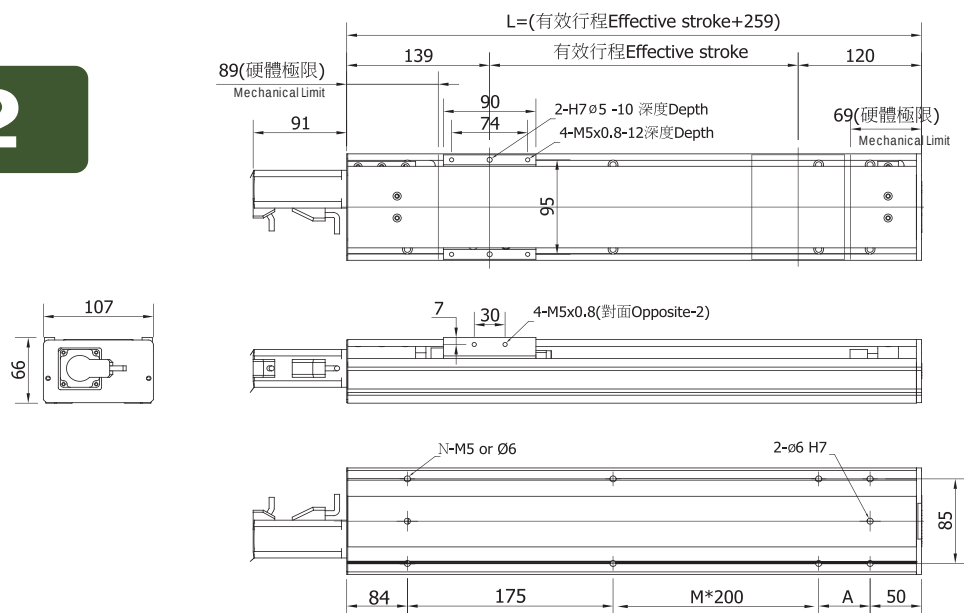
M1



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	470	520	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320	1370	1420
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14
重量(kg)	3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.7	12.2	12.7	13.2

※本公司享有變更規格之權益，恕不另行通知 ※Drawings and specifications are subject to change without prior notice.

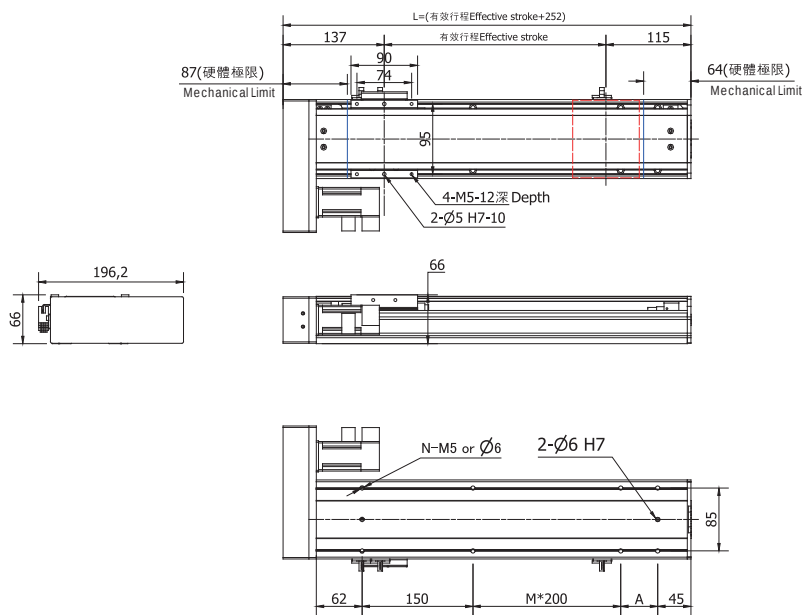
M2



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	359	409	459	509	559	609	659	709	759	809	859	909	959	1009	1059	1109	1159	1209	1259	1309
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14
重量(kg)	3.7	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6

※本公司享有變更規格之權益，恕不另行通知 ※Drawings and specifications are subject to change without prior notice.

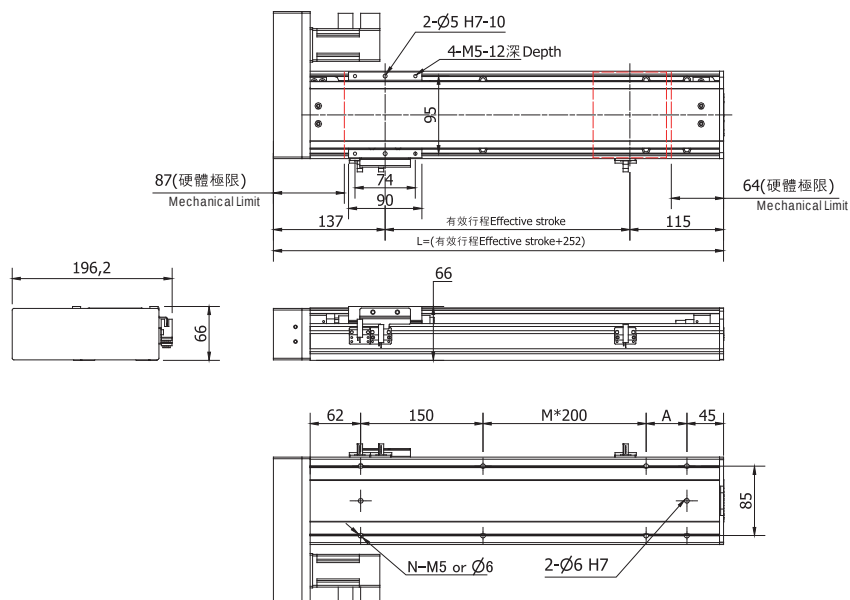
M3



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	352	402	452	502	552	602	652	702	752	802	852	902	952	1002	1052	1102	1152	1202	1252	1302
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14
重量(kg)	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.1

※本公司享有變更規格之權益，恕不另行通知 ※Drawings and specifications are subject to change without prior notice.

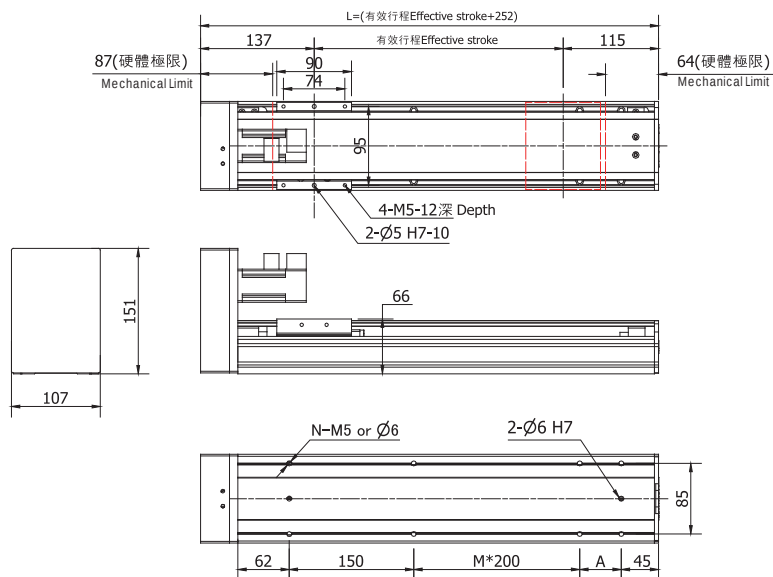
M4



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	352	402	452	502	552	602	652	702	752	802	852	902	952	1002	1052	1102	1152	1202	1252	1302
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14
重量(kg)	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.1

※本公司享有變更規格之權益，恕不另行通知 ※Drawings and specifications are subject to change without prior notice.

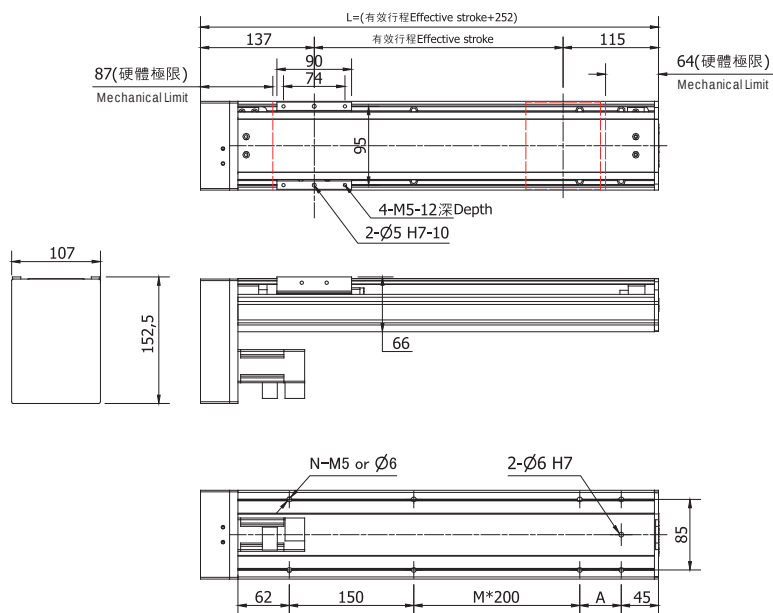
M5



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	352	402	452	502	552	602	652	702	752	802	852	902	952	1002	1052	1102	1152	1202	1252	1302
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14
重量(kg)	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.1

※本公司享有變更規格之權益，恕不另行通知 ※Drawings and specifications are subject to change without prior notice.

M6



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	352	402	452	502	552	602	652	702	752	802	852	902	952	1002	1052	1102	1152	1202	1252	1302
A	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200
M	0	0	0	0	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
N	6	6	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14
重量(kg)	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.1

※本公司享有變更規格之權益，恕不另行通知 ※Drawings and specifications are subject to change without prior notice.