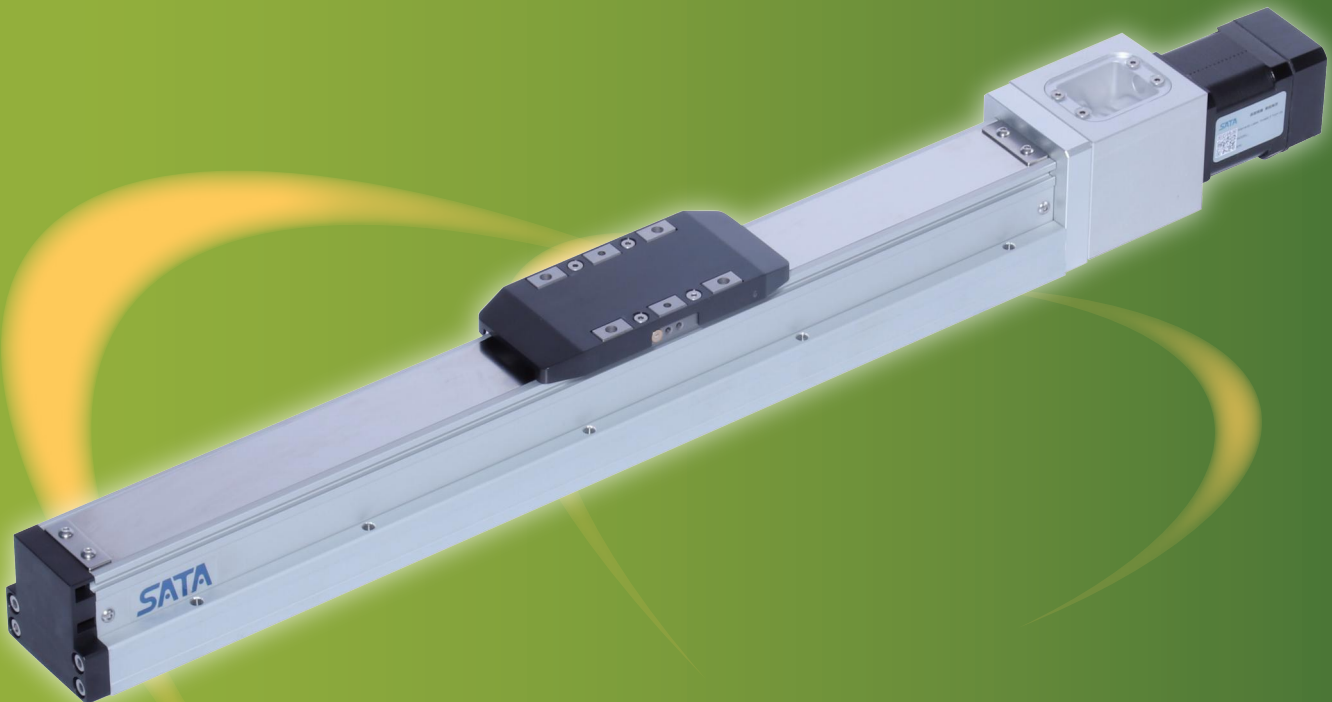


SATA

內嵌式自帶馬達螺桿

**Built-in LM Guide With Motor
Ball-Screw Series**

General



MNK5 - L10- S100 - M2 - TM 42

 型號
Model

 導程
Lead

 行程
Stroke

 馬達方向
Motor direction

 驅動器規格
Driver model

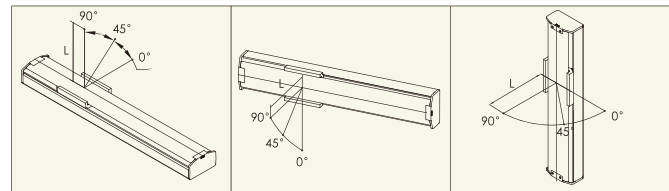
 馬達規格
Motor spec

 TO:T OPEN驅動器
T OPEN Driver
TM:T STEP驅動器
T STEP Driver
TS:T SERVO驅動器
T SERVO Driver

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 ,rightward position
 M5 馬達外置上方 Motor outside ,upper position
 M6 馬達外置下方 Motor outside ,lower position

MNK5規格表(MNK5 Specification)

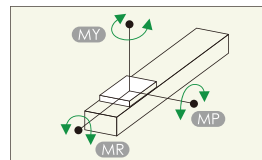
馬達出力 Step motor output		42步進	
重複定位精度 Repeatability(mm)		±0.01	
滾珠絲桿外徑 B.S(Ø)		Ø12	
滾珠螺桿導程 Lead(mm)		5	10
最快速度 Maximun speed(mm/sec)		50	100
最大載重 Maximum payload(kg)	水平使用 (H)	30	15
	垂直使用 (V)	10	5
額定推力 Rated thrus(N)		327	163
行程 Stroke(mm)		100-800 50間隔 (interval)	



水平安裝應用: 單位Unit:mm Horizontal use					牆面安裝應用:單位Unit:mm Wall installation use					垂直安裝應用: 單位Unit:mm During vertical use				
導程 Lead	荷重 Payload	0°	45°	90°	導程 Lead	荷重 Payload	0°	45°	90°	導程 Lead	荷重 Payload	0°	45°	90°
Lead 10	5kg	380	260	600	Lead 10	5kg	600	210	153	Lead 10	1kg	680	260	580
	10kg	258	186	370		10kg	370	140	86		3kg	458	186	458
	15kg	120	80	160		15kg	250	76	66		5kg	220	110	220
Lead 5	10kg	420	270	650	Lead 5	10kg	550	310	150	Lead 5	6kg	380	270	380
	20kg	230	170	380		20kg	350	132	80		8kg	258	170	258
	30kg	110	60	150		30kg	100	76	60		10kg	100	76	100

*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)

靜態容許負載慣量
 Stdic Loading Moment

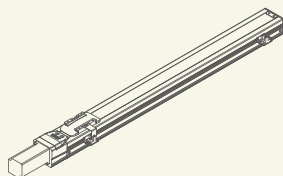


(單位:N.m) (Unit:N.m)

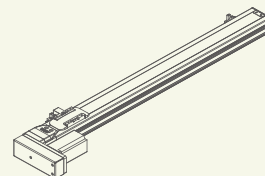
水平使用時 Static Loading Moment

MY	100
MP	100
MR	145

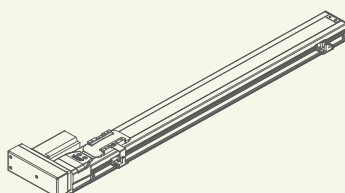
"此款型號不建議當多軸負載軸"
 This model suggest not be used as load axis of multi axes.



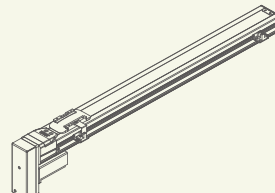
M2



M3

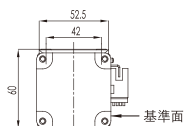


M4

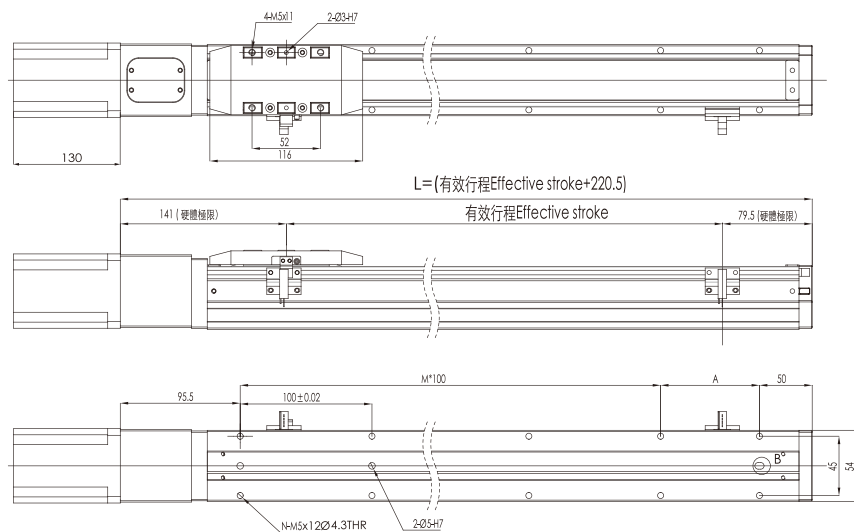


M6

M2



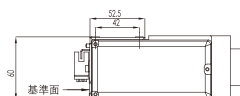
局部視圖B



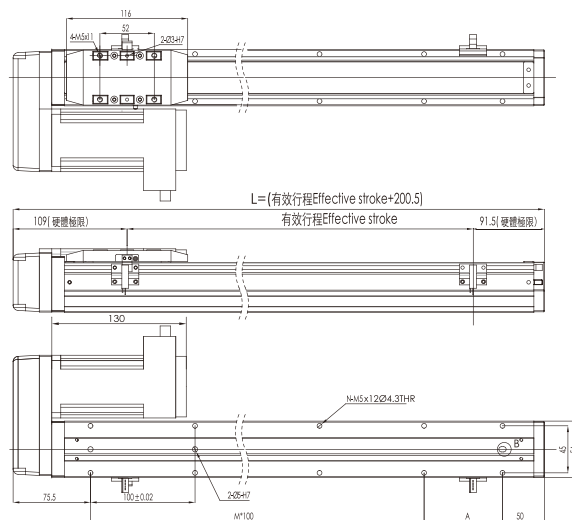
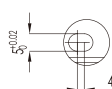
行程	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	320.5	370.5	420.5	470.5	520.5	570.5	620.5	670.5	720.5	770.5	820.5	870.5	920.5	970.5	1020.5
A	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
M	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
N	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
質量(kg)	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4	4.2	4.4	4.6	4.8	5	5.2

※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.

M3

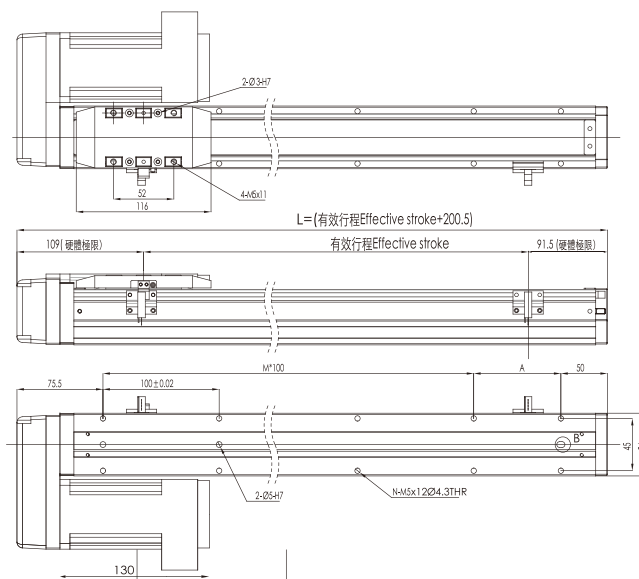


局部視圖B



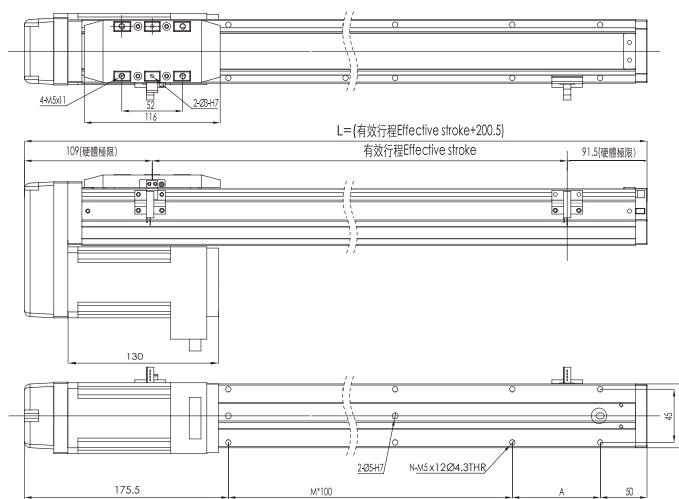
行程	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	300.5	350.5	400.5	450.5	500.5	550.5	600.5	650.5	700.5	750.5	800.5	850.5	900.5	950.5	1000.5
A	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
M	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
N	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
質量(kg)	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4	4.2	4.4	4.6	4.8	5	5.2	5.4

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行程	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	300.5	350.5	400.5	450.5	500.5	550.5	600.5	650.5	700.5	750.5	800.5	850.5	900.5	950.5	1000.5
A	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
M	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
N	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
質量(kg)	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4	4.2	4.4	4.6	4.8	5	5.2	5.4

※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.



行程	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	300.5	350.5	400.5	450.5	500.5	550.5	600.5	650.5	700.5	750.5	800.5	850.5	900.5	950.5	1000.5
A	75	25	75	25	75	25	75	25	75	25	75	25	75	25	75
M	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
N	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
質量(kg)	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4	4.2	4.4	4.6	4.8	5	5.2	5.4

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MNK8 - L10- S100 - M2- TM 57

型號
Model

導程
Lead

行程
Stroke

馬達方向
Motor direction

驅動器規格
Driver model

馬達規格
Motor spec

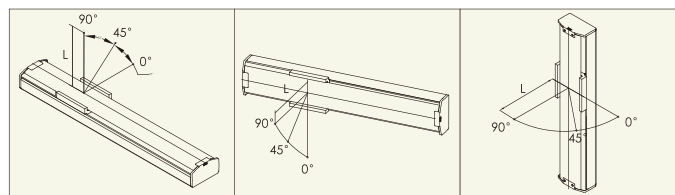
M2 馬達外置
M3 馬達外置右側
M4 馬達外置左側
M5 馬達外置上方
M6 馬達外置下方

Motor outside position
Motor outside ,rightward position
Motor outside ,rightward position
Motor outside ,upper position
Motor outside ,lower position

TO:T OPEN驅動器
T OPEN Driver
TM:T STEP驅動器
T STEP Driver
TS:T SERVO驅動器
T SERVO Driver

MNK8規格表(MNK8 Specification)

馬達出力 Step motor output	57步進		
重複定位精度 Repeatability(mm)	±0.01		
滾珠絲桿外徑 B.S(Ø)	Ø16		
滾珠螺桿導程 Lead(mm)	5	10	20
最快速度 Maximum speed(mm/sec)	50	100	200
最大載重 Maximum payload(kg)	水平使用 (H)	50	30
	垂直使用 (V)	15	8
額定推力 Rated thrus(N)	685	340	176
行程 Stroke(mm)	100-1050 50間隔 (interval)		

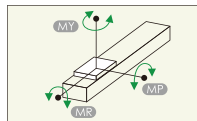


水平安裝應用: 單位Unit:mm					牆面安裝應用: 單位Unit:mm					垂直安裝應用: 單位Unit:mm				
導程	荷重 Payload	0°	45°	90°	導程	荷重 Payload	0°	45°	90°	導程	荷重 Payload	0°	45°	90°
Lead20	6kg	467	390	1180	Lead20	6kg	760	423	386	Lead20	2.5kg	863	460	863
	9kg	325	262	800		9kg	542	290	234		-	-	-	-
	12kg	238	183	595		12kg	277	180	159		-	-	-	-
Lead10	10kg	415	293	1700	Lead10	10kg	1360	378	286	Lead10	5kg	583	270	583
	20kg	202	200	823		20kg	794	173	136		8kg	340	170	340
	30kg	131	113	483		30kg	493	106	86		-	-	-	-
Lead5	20kg	302	283	1532	Lead5	20kg	1450	214	153	Lead5	10kg	361	245	361
	35kg	146	136	882		35kg	845	113	81		15kg	234	156	234
	50kg	90	78	430		50kg	463	74	53		-	-	-	-

*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)

靜態容許負載慣量
Static Loading Moment



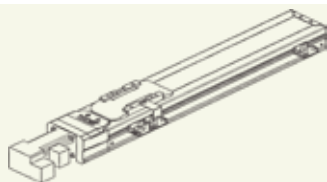
(單位:N.m) (Unit:N.m)

水平使用時 Static Loading Moment

MY	323
MP	323
MR	319

"此款型號不建議當多軸負載軸"

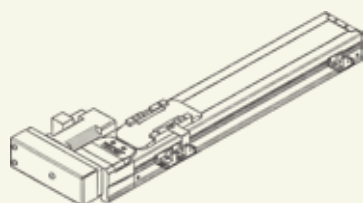
This model suggest not be used as load axis of multi axes.



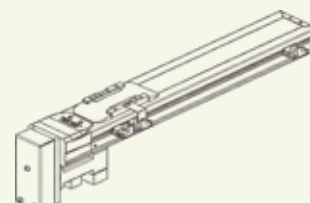
M2



M3

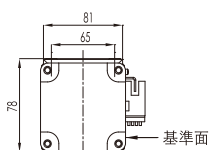


M4

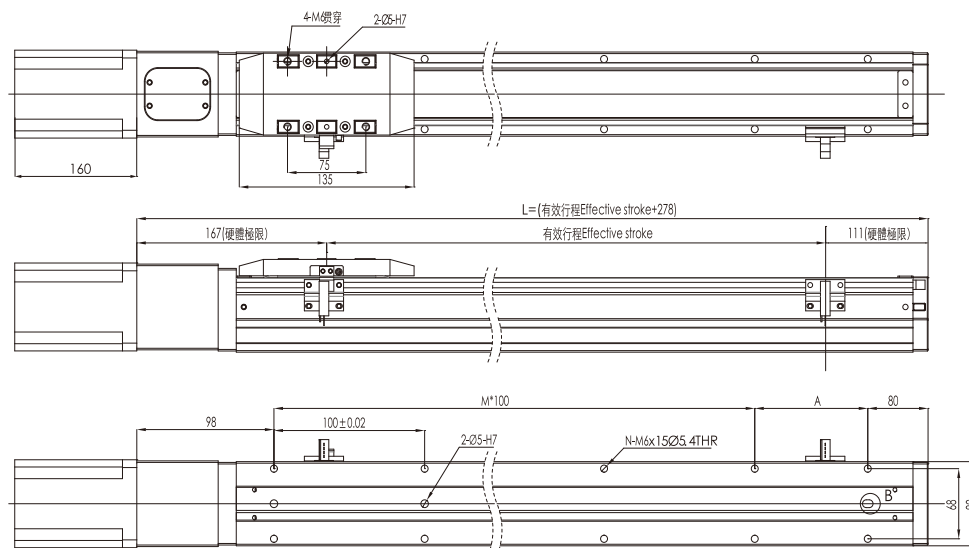
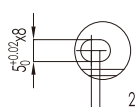


M6

M2



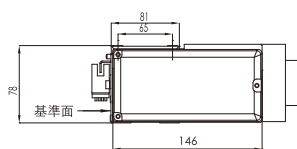
局部視圖B



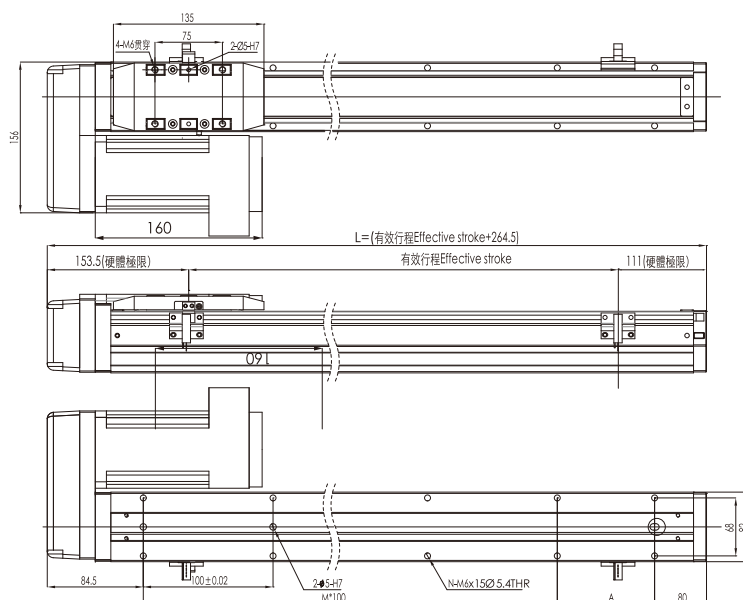
行程	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
L	378	428	478	528	578	628	678	728	778	828	878	928	978	1028	1078	1128	1178	1228	1278
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10
N	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24
重量(kg)	5.54	5.91	6.27	6.64	7	7.37	7.73	8.1	7.8	8.46	8.83	9.19	9.56	9.92	10.29	10.65	11.38	11.75	12.11

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M3



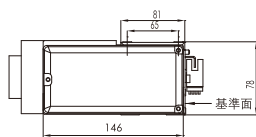
局部視圖B



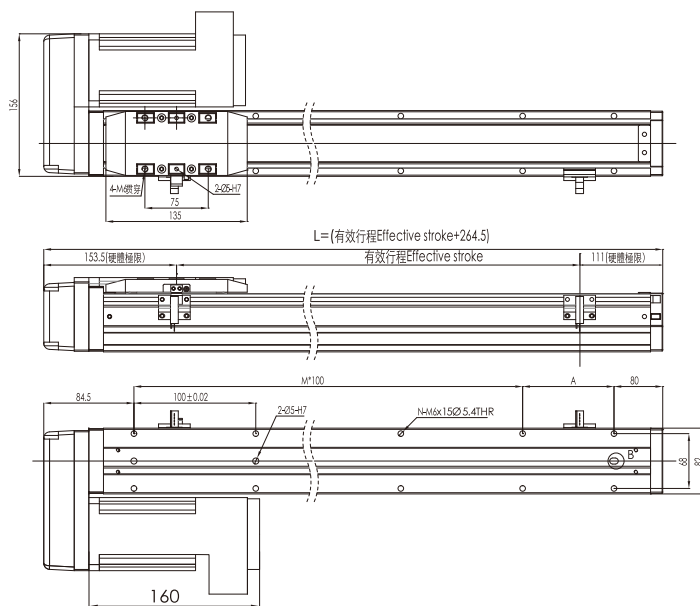
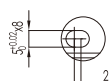
行程	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
L	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
N	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22
重量(kg)	5.6	6.12	6.64	7.16	7.68	8.2	8.72	9.24	7.8	9.76	10.28	10.8	11.32	11.84	12.36	12.88	13.92	14.44	14.96

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M4



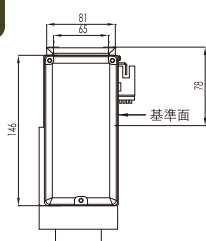
局部視圖B



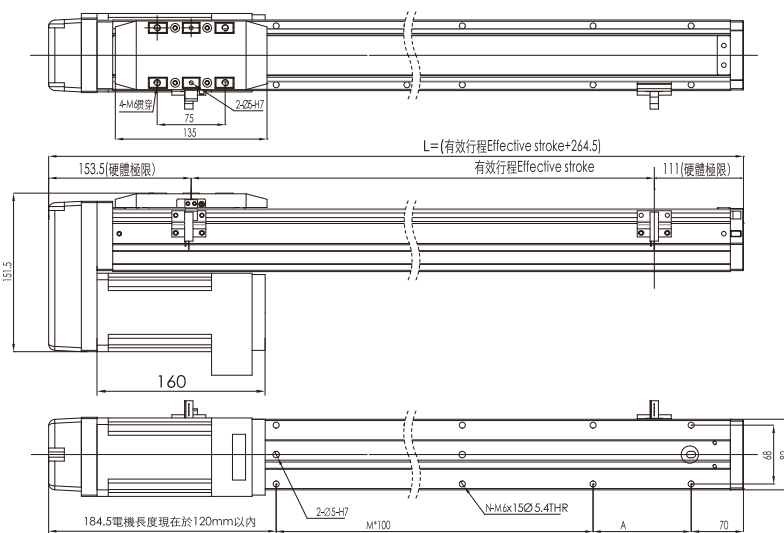
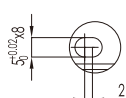
行程	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
L	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
N	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22
重量(kg)	5.6	6.12	6.64	7.16	7.68	8.2	8.72	9.24	7.8	9.76	10.28	10.8	11.32	11.84	12.36	12.88	13.92	14.44	14.96

※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



局部視圖B



行程	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
L	364.5	414.5	464.5	514.5	564.5	614.5	664.5	714.5	764.5	814.5	864.5	914.5	964.5	1014.5	1064.5	1114.5	1164.5	1214.5	1264.5
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
N	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22
重量(kg)	5.6	6.12	6.64	7.16	7.68	8.2	8.72	9.24	7.8	9.76	10.28	10.8	11.32	11.84	12.36	12.88	13.92	14.44	14.96

※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.

MNK12 - L10- S100- M2- TM 57

型號
Model

導程
Lead

行程
Stroke

馬達方向
Motor direction

驅動器規格
Driver model

馬達規格
Motor spec

TO:T OPEN驅動器
T OPEN Driver
TM:T STEP驅動器
T STEP Driver
TS:T SERVO驅動器
T SERVO Driver

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 ,rightward position

M5 馬達外置上方

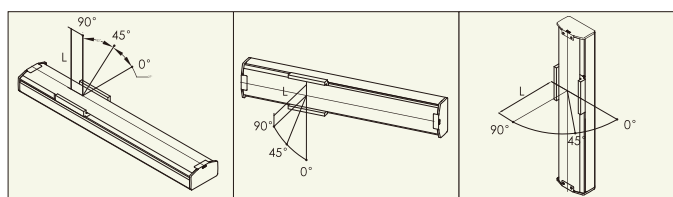
Motor outside ,upper position

M6 馬達外置下方

Motor outside ,lower position

MNK12規格表(MNK12 Specification)

馬達出力 Step motor output	57步進		
重複定位精度 Repeatability(mm)	±0.01		
滾珠絲桿外徑 B.S(Φ)	Ø16		
滾珠螺桿導程 Lead(mm)	5	10	20
最快速度 Maximun speed(mm/sec)	50	100	200
最大載重 Maximum payload(kg)	水平使用 (H)	50	30
	垂直使用 (V)	15	8
額定推力 Rated thrus(N)	685	340	176
行程 Stroke(mm)	100-1050 50間隔 (interval)		

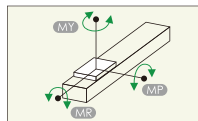


水平安裝應用: 單位Unit:mm Horizontal use					牆面安裝應用: 單位Unit:mm Wall installation use					垂直安裝應用: 單位Unit:mm During vertical use				
導程 Lead	荷重 Payload	0°	45°	90°	導程 Lead	荷重 Payload	0°	45°	90°	導程 Lead	荷重 Payload	0°	45°	90°
Lead5	6kg	467	390	1180	Lead20	6kg	760	423	386	Lead20	2.5kg	863	460	863
	9kg	325	262	800		9kg	542	290	234		-	-	-	-
	12kg	238	183	595		12kg	277	180	159		-	-	-	-
Lead10	10kg	415	293	1700	Lead10	10kg	1360	378	286	Lead10	5kg	583	270	583
	20kg	202	200	823		20kg	794	173	136		8kg	340	170	340
	30kg	131	113	483		30kg	493	106	86		-	-	-	-
Lead20	20kg	302	283	1532	Lead20	20kg	1450	214	153	Lead20	10kg	361	245	361
	35kg	146	136	882		35kg	845	113	81		15kg	234	156	234
	50kg	90	78	430		50kg	463	74	53		-	-	-	-

*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)

靜態容許負載慣量
Static Loading Moment



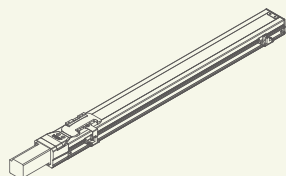
(單位:N.m) (Unit:N.m)

水平使用時 Static Loading Moment

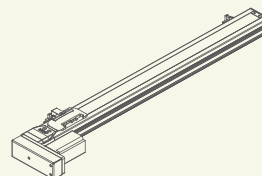
MY	323
MP	323
MR	319

"此款型號不建議當多軸負載軸"

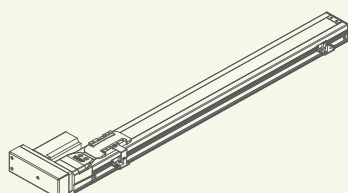
This model suggest not be used as load axis of multi axes.



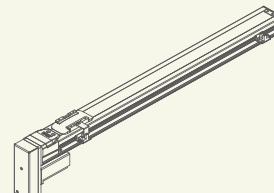
M2



M3

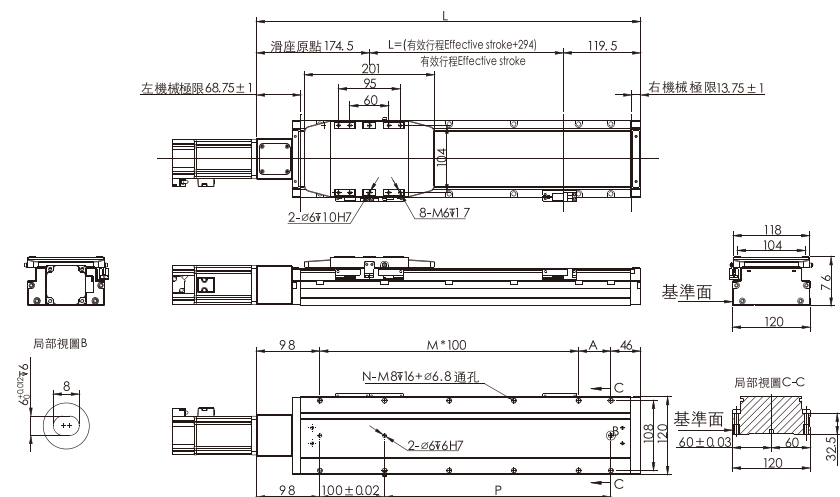


M4



M6

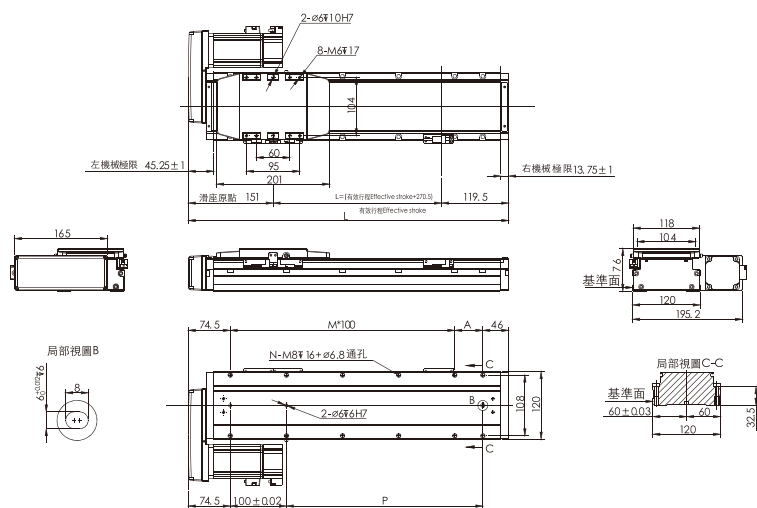
M2



行程	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
L	344	394	444	494	544	594	644	694	744	794	844	894	944	994	1044	1094	1144	1194	1244	1294	1344	1394	1444	1494	1544
A	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	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13
N	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
P	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
重量 (kg)	5.05	5.4	5.75	6.1	6.45	6.8	7.15	7.5	7.85	8.2	8.55	8.9	9.25	9.6	9.95	10.3	10.65	11	11.35	11.7	12.05	12.4	12.75	13.1	13.45

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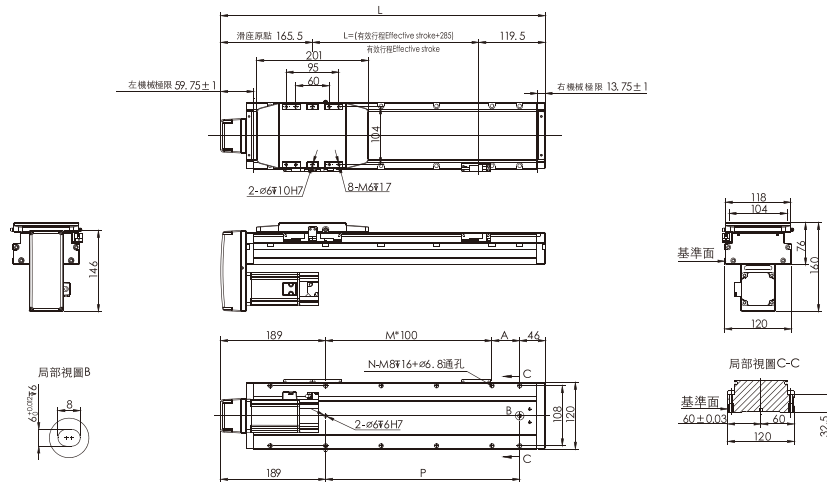
M3



行程	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
L	335	385	435	485	535	585	635	685	735	785	835	885	935	985	1035	1085	1135	1185	1235	1285	1335	1385	1435	1485	1535
A	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	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
N	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
P	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000	1050	1100	1150	1200	1250	1300	1350
重量 (kg)	5.21	5.56	5.91	6.26	6.61	6.96	7.31	7.66	8.01	8.36	8.71	9.06	9.41	9.76	10.11	10.46	10.81	11.16	11.51	11.86	12.21	12.56	12.91	13.26	13.61

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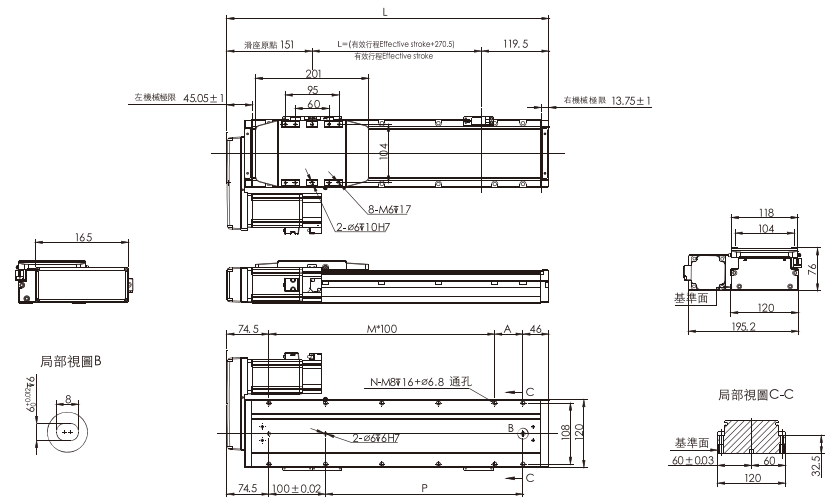
M4



行程	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
L	335	385	435	485	535	585	635	685	735	785	835	885	935	985	1035	1085	1135	1185	1235	1285	1335	1385	1435	1485	1535
A	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	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
N	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
P	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000	1050	1100	1150	1200	1250	1300	1350
重量 (kg)	5.21	5.56	5.91	6.26	6.61	6.96	7.31	7.66	8.01	8.36	8.91	9.06	9.41	9.76	10.11	10.46	10.81	11.16	11.51	11.86	12.21	12.56	12.91	13.26	13.61

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M6



行程	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
L	335	385	435	485	535	585	635	685	735	785	835	885	935	985	1035	1085	1135	1185	1235	1285	1335	1385	1435	1485	1535
A	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	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12
N	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	24	26	26	28	28
P	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000	1050	1100	1150	1200	1250	1300	1350
重量 (kg)	5.21	5.56	5.91	6.26	6.61	6.96	7.31	7.66	8.01	8.36	8.91	9.06	9.41	9.76	10.11	10.46	10.81	11.16	11.51	11.86	12.21	12.56	12.91	13.26	13.61

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