

100S - TL10 - S1050 - M1 - M 100W - 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

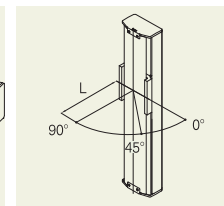
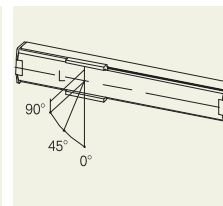
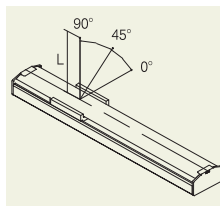
馬達廠牌及出力 Motor brand and output

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

100S規格表(100S 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)	40	30	20	15
	垂直使用 (V)	11	9	6	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12x8-2支 (Linear Guide12x8-2 支)



水平安裝應用(單位:mm)
Horizontal use

導程 Lead	荷重 Payload	0°	45°	90°
Lead 20	5kg	193	206	467
	10kg	72	81	191
	20kg	0	0	75
Lead 16	5kg	239	286	536
	10kg	119	139	301
	25kg	15	23	156
Lead 10	15kg	65	85	225
	25kg	21	27	87
	35kg	0	0	0
Lead 05	25kg	74	116	281
	30kg	54	77	222
	40kg	0	25	120

牆面安裝應用(單位:mm)
Wall installation use

導程 Lead	荷重 Payload	0°	45°	90°
Lead 20	3kg	275	147	82
	7kg	203	71	40
	10kg	183	13	5
Lead 16	5kg	243	122	106
	10kg	129	57	43
	15kg	63	17	9
Lead 10	10kg	134	68	50
	20kg	82	18	11
	30kg	0	0	0
Lead 05	10kg	332	78	56
	20kg	284	35	25
	30kg	0	0	0

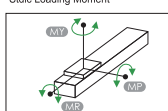
垂直安裝應用(單位:mm)
During vertical use

導程 Lead	荷重 Payload	0°	45°	90°
Lead 20	1kg	524	372	530
	2kg	407	284	436
	3kg	291	220	338
Lead 16	2kg	420	265	440
	4kg	263	211	294
	6kg	125	35	152
Lead 10	4kg	296	212	320
	6kg	145	102	101
	10kg	79	35	80
Lead 05	5kg	181	90	196
	8kg	105	43	133
	11kg	30	8	30

*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)

靜態容許負載力矩
Static Loading Moment

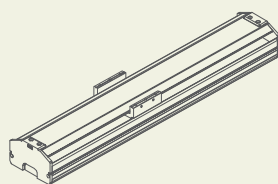


(單位:N.m) (Unit:N.m)
水平使用時 Static Loading Moment

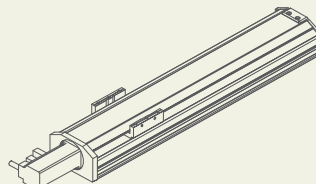
MY	100
MP	100
MR	120

"此款型號不建議當多軸負載軸"

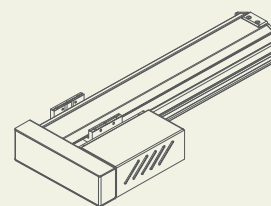
This model suggest not be used as load axis of multi axes.



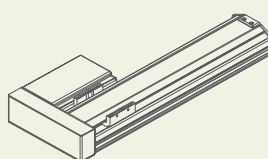
M1



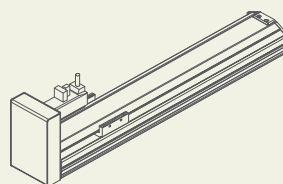
M2



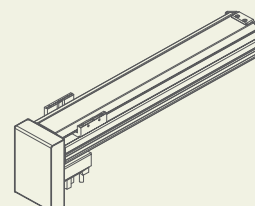
M3



M4

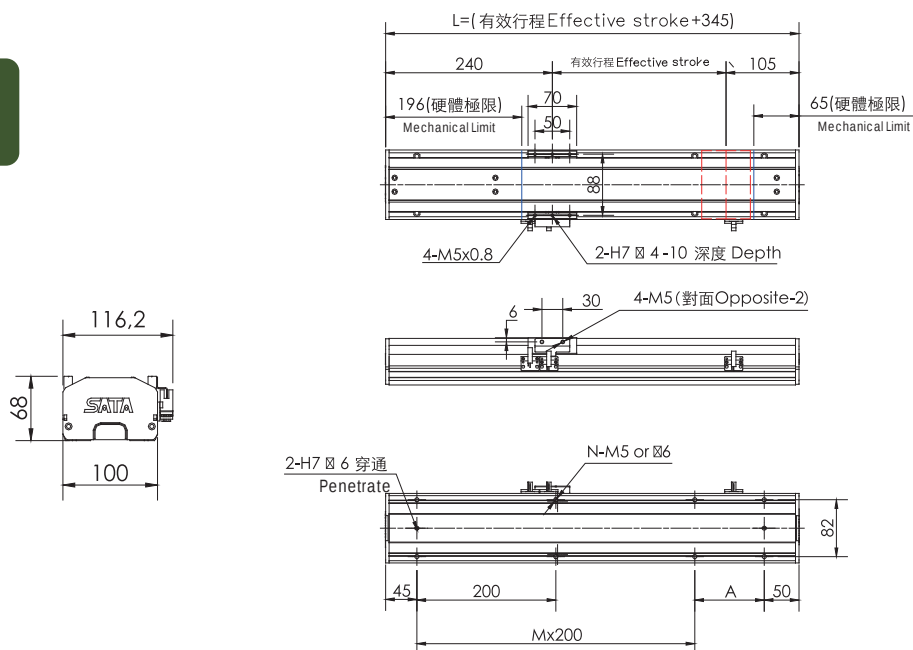


M5



M6

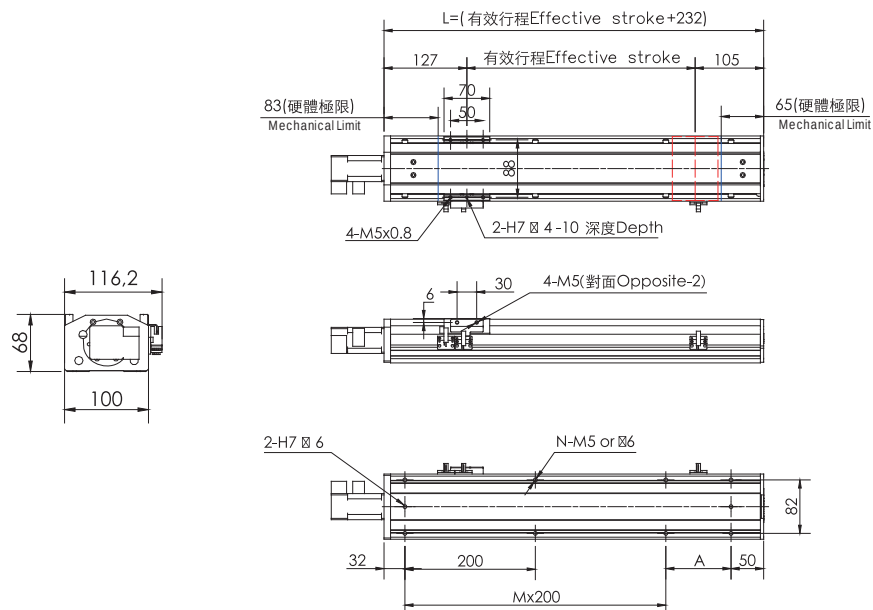
M1



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	445	495	545	595	645	695	745	795	845	895	945	995	1045	1095	1145	1195	1245	1295	1345	1395
A	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100	150	200	50	100
M	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6
N	6	6	8	8	8	8	10	10	10	10	12	12	12	12	14	14	14	14	16	16
重量(kg)	4.3	4.7	5.1	5.5	5.9	6.3	6.7	7.1	7.5	7.9	8.3	8.7	9.1	9.5	9.9	10.3	10.7	11.1	11.5	11.9

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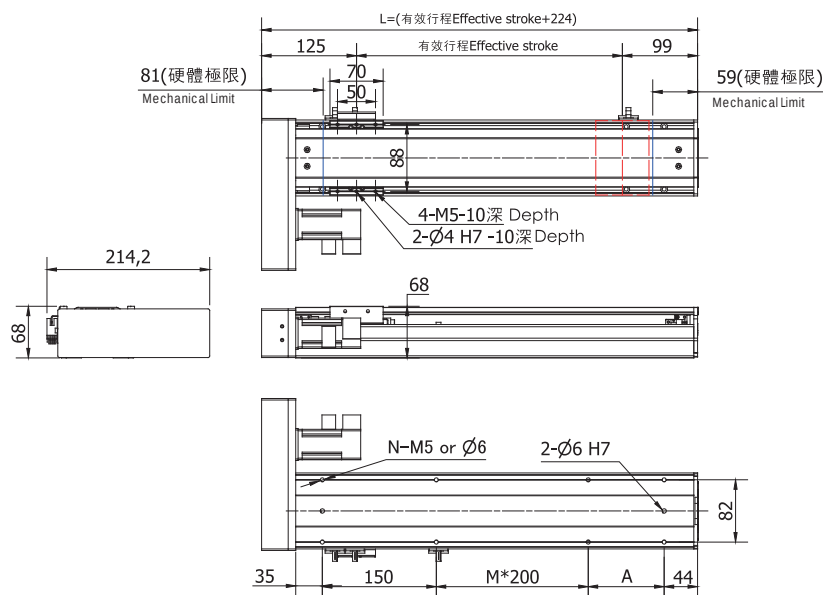
M2



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	332	382	432	482	532	582	632	682	732	782	832	882	932	982	1032	1082	1132	1182	1232	1282
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	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3

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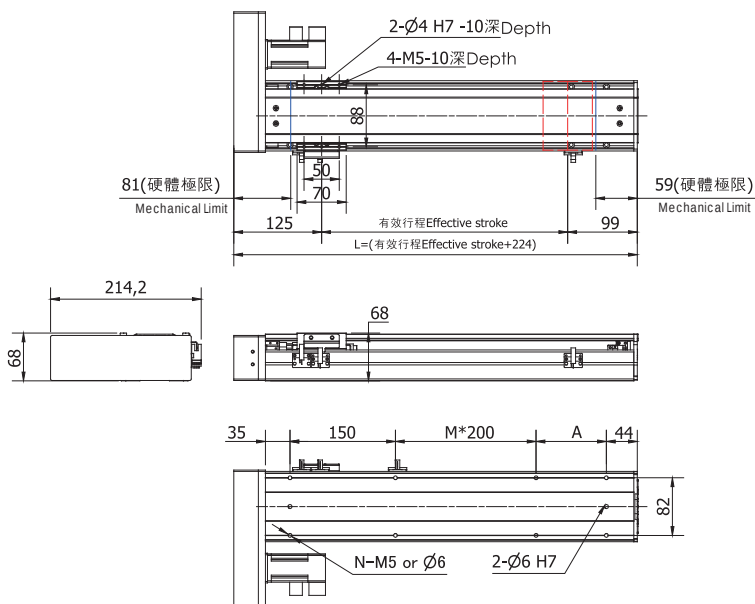
M3



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	324	374	424	474	524	574	624	674	724	774	824	874	924	974	1024	1074	1124	1174	1224	1274
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)	3.7	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3

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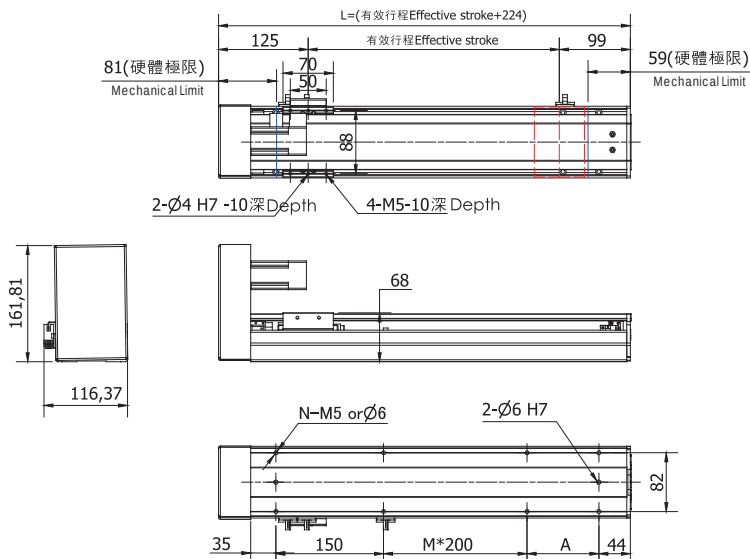
M4



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	324	374	424	474	524	574	624	674	724	774	824	874	924	974	1024	1074	1124	1174	1224	1274
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)	3.7	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3

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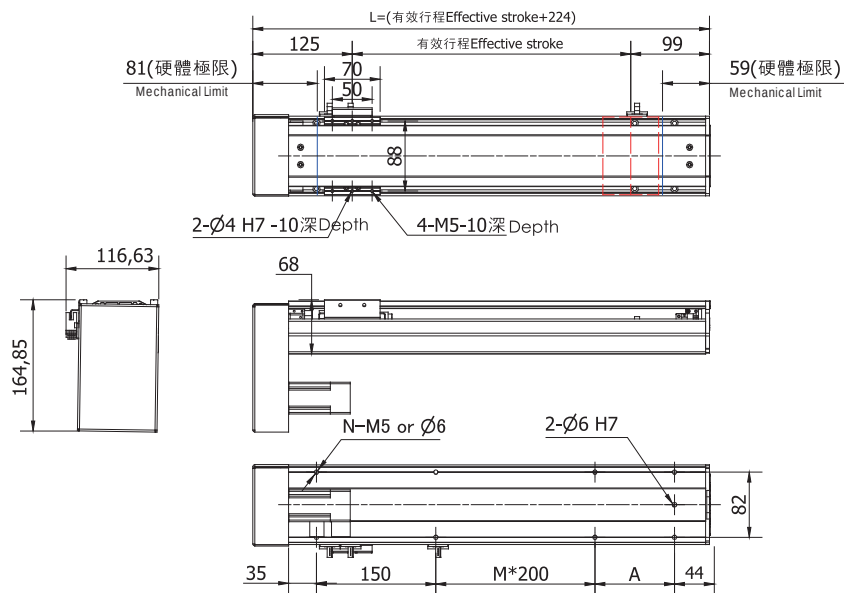
M5



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	324	374	424	474	524	574	624	674	724	774	824	874	924	974	1024	1074	1124	1174	1224	1274
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)	3.7	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3

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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	324	374	424	474	524	574	624	674	724	774	824	874	924	974	1024	1074	1124	1174	1224	1274
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)	3.7	4.1	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.5	8.9	9.3	9.7	10.1	10.5	10.9	11.3

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