

C100D-YL10 - 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

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

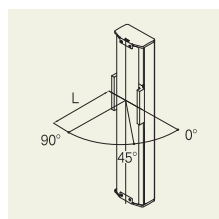
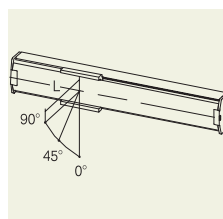
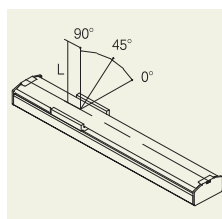
馬達廠牌及出力 Motor brand and output

- 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

C100D規格表(C100D 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 Maximum payload(kg)	水平使用 (H)	50	35	25	20
	垂直使用 (V)	12	10	8	5
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 Payload	0°	45°	90°
Lead 20	5kg 193	206 467	10kg 72 81 191
Lead 16	5kg 239	286 536	10kg 119 139 301
Lead 10	5kg 15	23 156	10kg 65 85 225
Lead 05	5kg 21	27 87	10kg 30 0 0 0
Lead 05	5kg 21	32 262	10kg 50 1 2 48
Lead 05	5kg 0	0 0	10kg 60 0 0 0

牆面安裝應用 (單位:mm)
Wall installation use

導程 Payload	0°	45°	90°
Lead 20	3kg 462	228 179	17kg 289 94 76
Lead 16	5kg 477	140 123	10kg 269 78 69
Lead 10	5kg 126	54 37	10kg 545 122 109
Lead 10	5kg 210	33 21	10kg 20 0 0 0
Lead 05	5kg 602	187 153	10kg 30 0 0 0
Lead 05	5kg 380	92 75	10kg 20 0 0 0
Lead 05	5kg 95	0 0	10kg 30 0 0 0

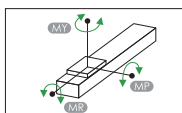
垂直安裝應用 (單位:mm)
During vertical use

導程 Payload	0°	45°	90°
Lead 20	1kg 546	441 570	3kg 375 243 391
Lead 16	5kg 123	82 150	3kg 413 287 262
Lead 10	5kg 214	151 242	8kg 60 15 85
Lead 10	4kg 296	212 320	6kg 145 102 101
Lead 10	10kg 79	35 80	10kg 93 56 106
Lead 05	13kg 42	32 71	15kg 23 5 41

*滑塊表面中心到搬送物重心的距離(僅供參考)

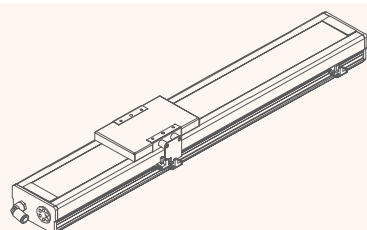
Distance center of slider top to center of gravity of object being transported (For reference only)

靜態容許負載慣量
Static Loading Moment

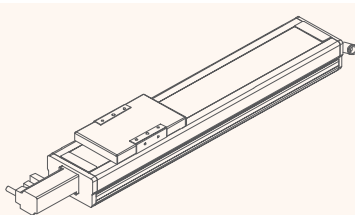


(單位:N.m) (Unit:N.m)
水平使用時 Static Loading Moment

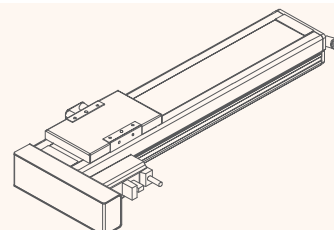
MY	150
MP	150
MR	130



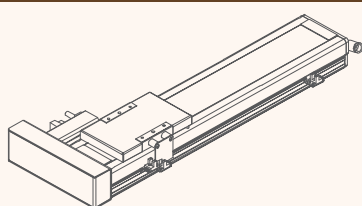
M1



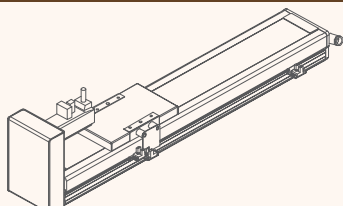
M2



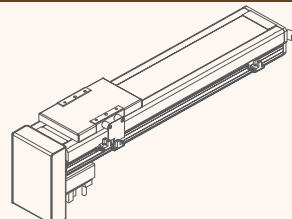
M3



M4

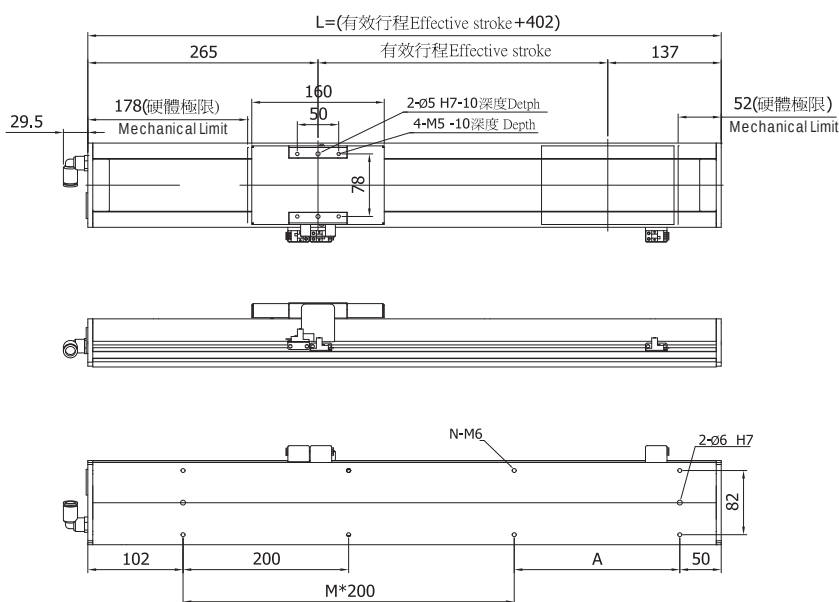
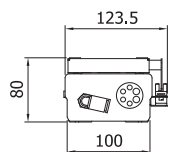


M5



M6

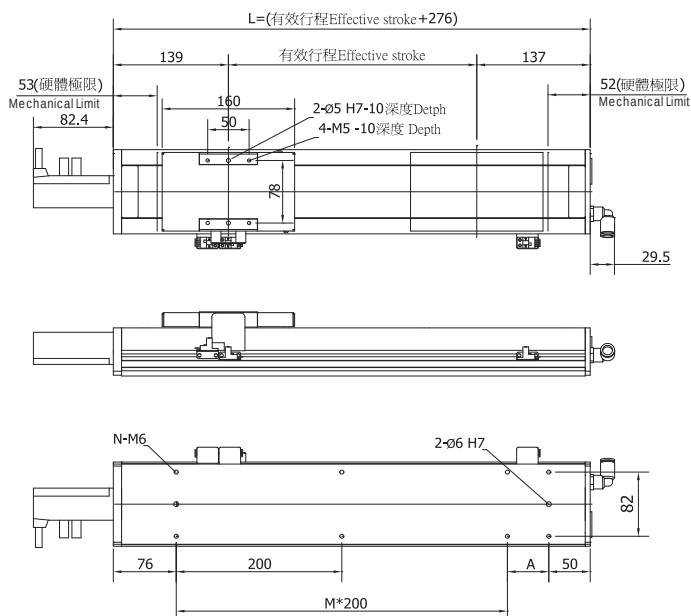
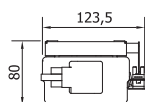
M1



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	502	552	602	652	705	752	802	852	902	952	1002	1052	1102	1152	1202	1252	1302	1352	1402	1452
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)	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0

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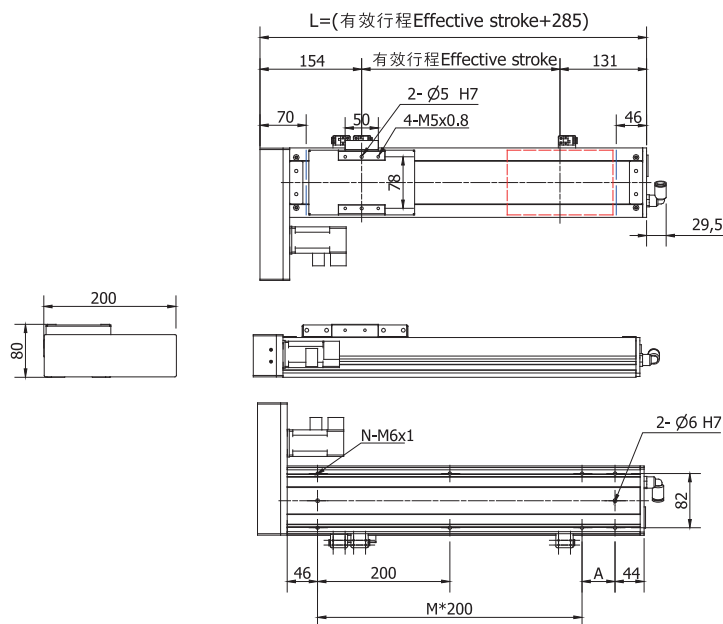
M2



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	376	426	476	526	576	626	676	726	776	826	876	926	976	1026	1076	1126	1176	1226	1276	1326
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
(kg)	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.3	11.8	12.3	12.8	13.3	13.8	14.3

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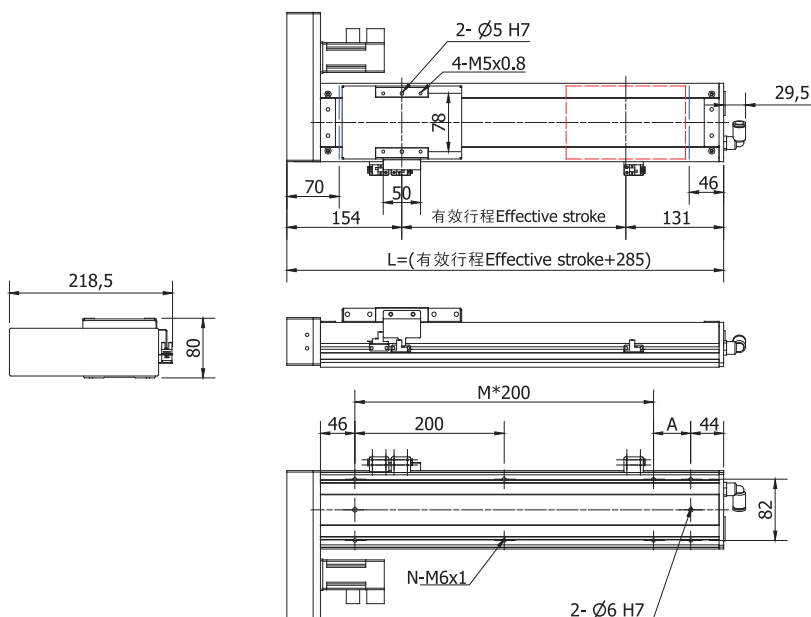
M3



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	376	426	476	526	576	626	676	726	776	826	876	926	976	1026	1076	1126	1176	1226	1276	1326
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)	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9

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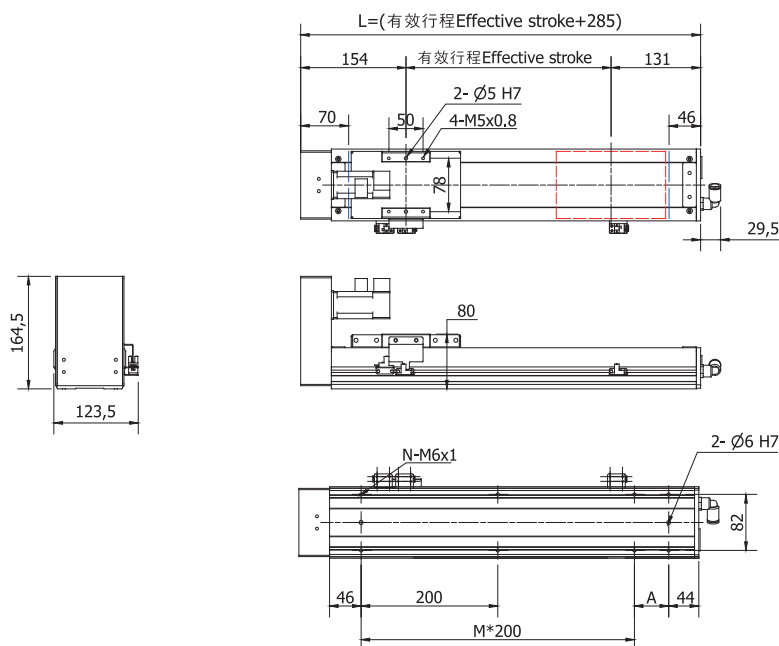
M4



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	376	426	476	526	576	626	676	726	776	826	876	926	976	1026	1076	1126	1176	1226	1276	1326
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)	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9

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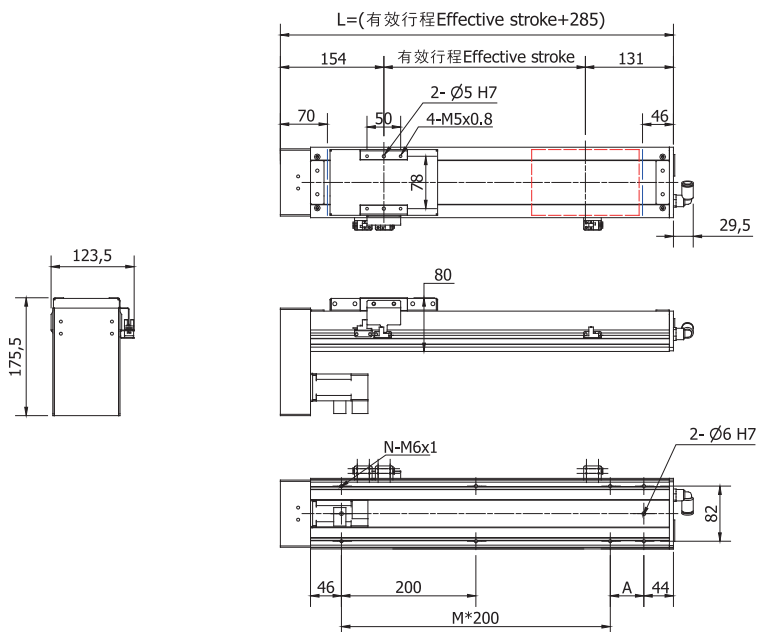
M5



行程 Stroke	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050
L	376	426	476	526	576	626	676	726	776	826	876	926	976	1026	1076	1126	1176	1226	1276	1326
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)	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9

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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	376	426	476	526	576	626	676	726	776	826	876	926	976	1026	1076	1126	1176	1226	1276	1326
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)	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9	14.4	14.9

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