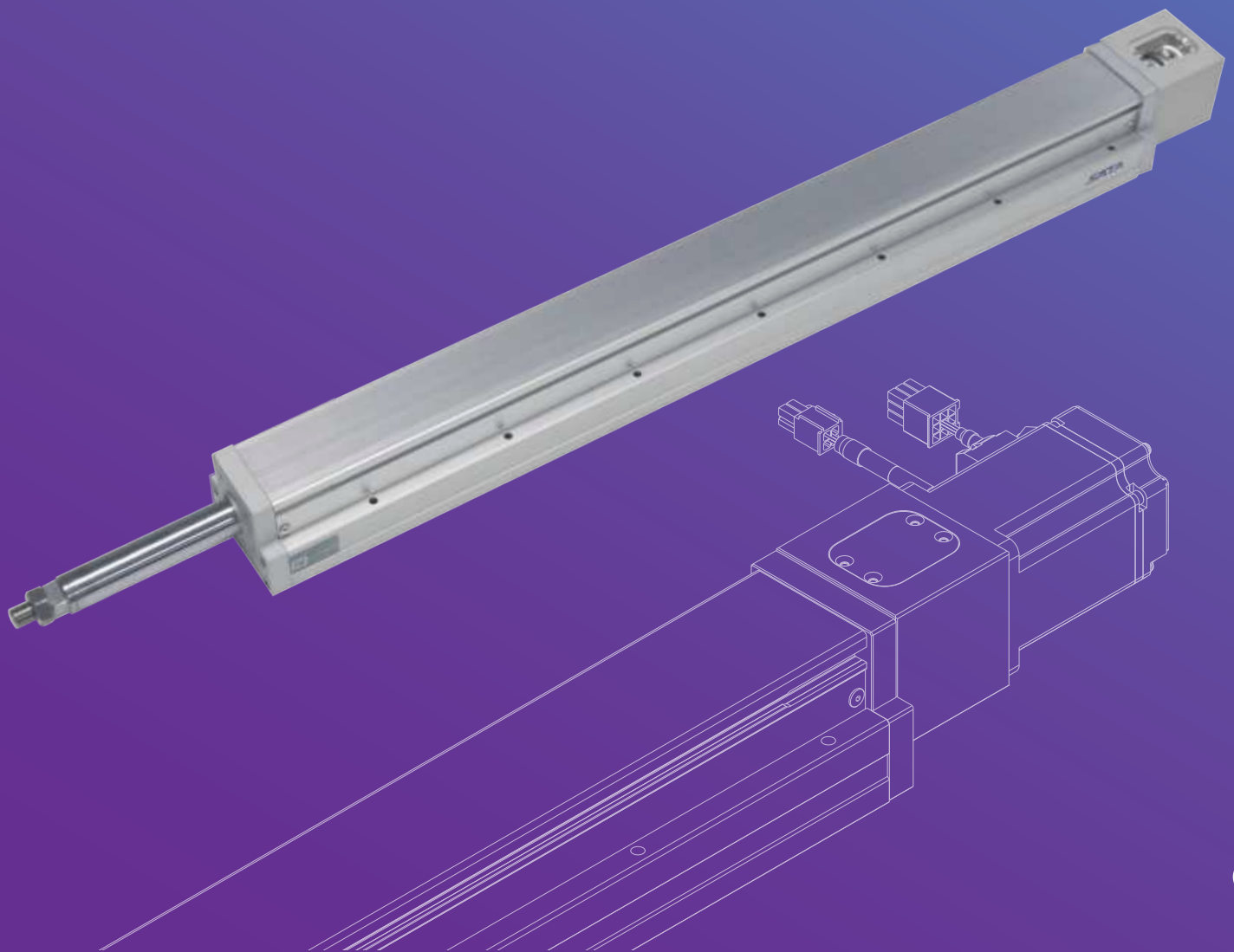


內嵌式電動缸

一般環境

Built in LM Guide
Rod Type Actuator

General



NY5 - L05 - S100 - M2 - M 100 W - B

型號
Model

導程
Lead

行程
Stroke

馬達方向
Motor direction

馬達廠牌及出力
Motor brand and output

煞車
Brake

馬達方向 Motor direction

M2 馬達外露 Motor Exposed

M3 馬達下折 Motor Bottom Side

M4 馬達左折 Motor Left Side

M6 馬達右折 Motor Right Side

馬達廠牌及出力

Motor brand and output

S 山洋 Sanyo

M 三菱 Mitsubishi

Y 安川 Yaskawa

P 松下 Panasonic

F 富士 Fuji

T 台達 Delta

NY5 規格表 (NY5 Specification):

馬達出力 AC SERVO MOTOR OUTPUT(W)	100W		
重複定位精度 Rereat posttining accuracy(mm)	±0.01		
螺桿導程 Ball Screw Lead (mm)	5	10	20
最高速度 Maximum Speed (mm/s)	250	500	1000
最大可搬重量 Maximum Payload	水平使用 Horizontal (註1)	30	15
	垂直使用 Vertical (kg)	10	5
定格推力 Rated Thrust (N)	341	170	85
最快速度 Fastest speed (mm/s)	250	500	1000
滾珠螺桿外徑 Ball Screw Ø (mm)	C7 φ 12		
標準行程 Stroke Pitch (mm)	50-600mm/50間隔 50 mm Pitch		

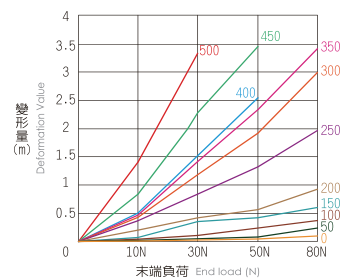
※馬達加減速設定0.2秒。

Acceleration and deceleration value is set 0.2 second.

註1: 此荷重條件外部需搭配輔助滑軌以承受徑向負載。

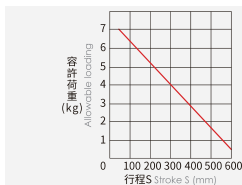
When the stroke is over 300mm, the run-out of the ballscrew will occur.

出力軸變形量 Shaft Output Deformation Value

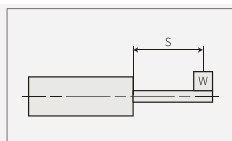


※此圖表為參考值。
No external auxiliary mechanism, extension distance of load = 0.

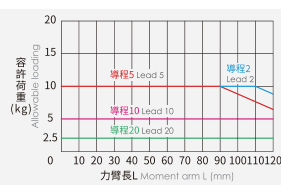
允許安裝負載 Allowable installation load



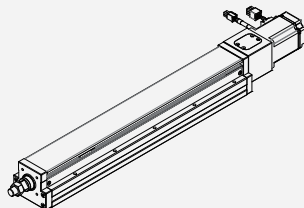
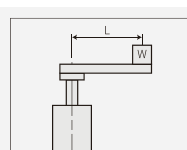
※無外部輔助機構,負載延伸距離0。No external auxiliary mechanism, extension distance of load = 0.



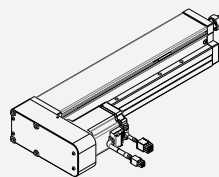
垂直安裝負載 Load in vertical installation



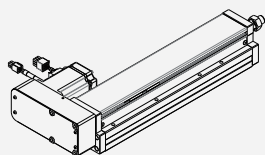
※計算條件:3000rpm/min, 加減速0.2s。Calculation conditions: 3000 rpm / min, acceleration and deceleration: 0.2s.



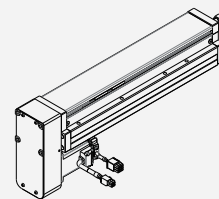
M2



M3

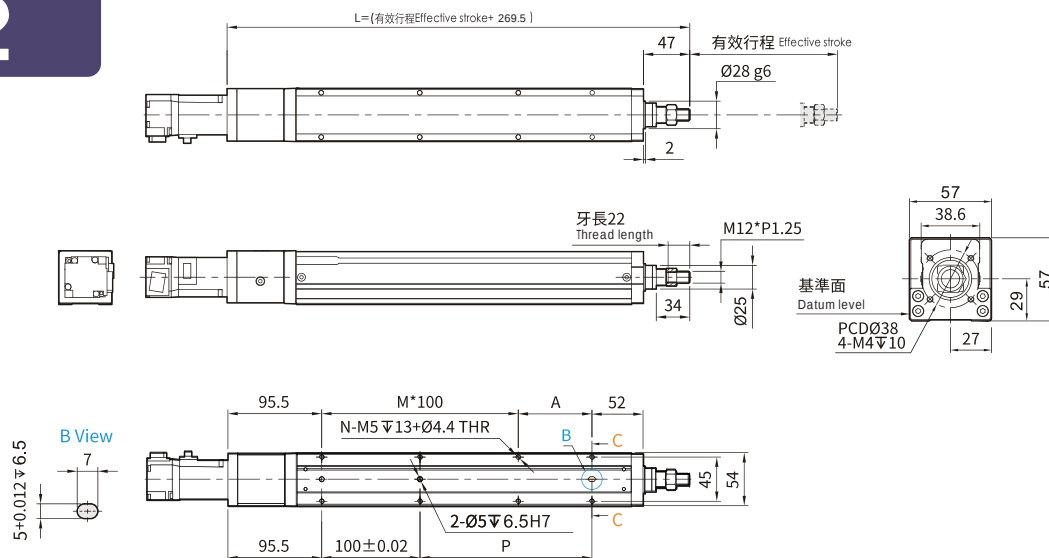


M4



M6

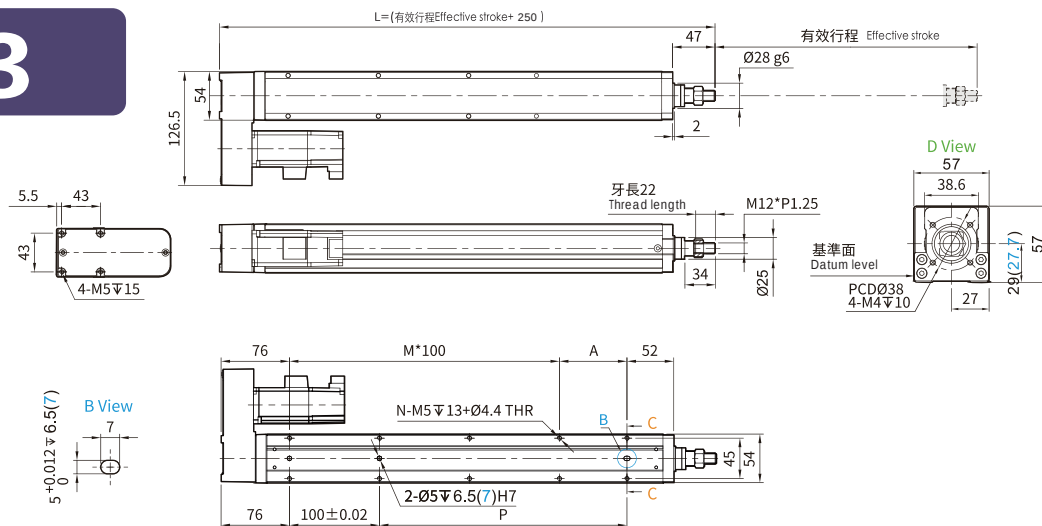
M2



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600
L	319.5	369.5	419.5	469.5	519.5	569.5	619.5	669.5	719.5	769.5	819.5	869.5
A	25	75	25	75	25	75	25	75	25	75	25	75
M	1	1	2	2	3	3	4	4	5	5	6	6
N	6	6	8	8	10	10	12	12	14	14	16	16
P	25	75	125	175	225	275	325	375	425	475	525	575
重量KG	2.08	2.22	2.35	2.54	2.82	2.93	2.95	3.18	3.29	3.38	3.58	3.71

※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.

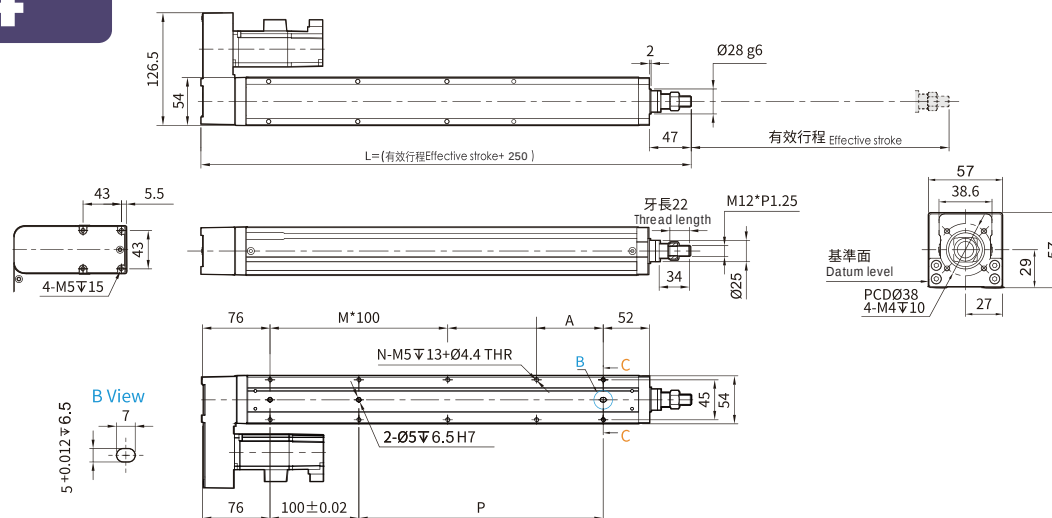
M3



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600
L	300	350	400	450	500	550	600	650	700	750	800	850
A	25	75	25	75	25	75	25	75	25	75	25	75
M	0	0	1	1	2	2	3	3	4	4	5	5
N	4	4	6	6	8	8	10	10	12	12	14	14
P	25	75	125	175	225	275	325	375	425	475	525	575
重量KG	2.00	2.12	2.35	2.46	2.74	2.85	2.90	3.10	3.21	3.30	3.50	3.63

※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.

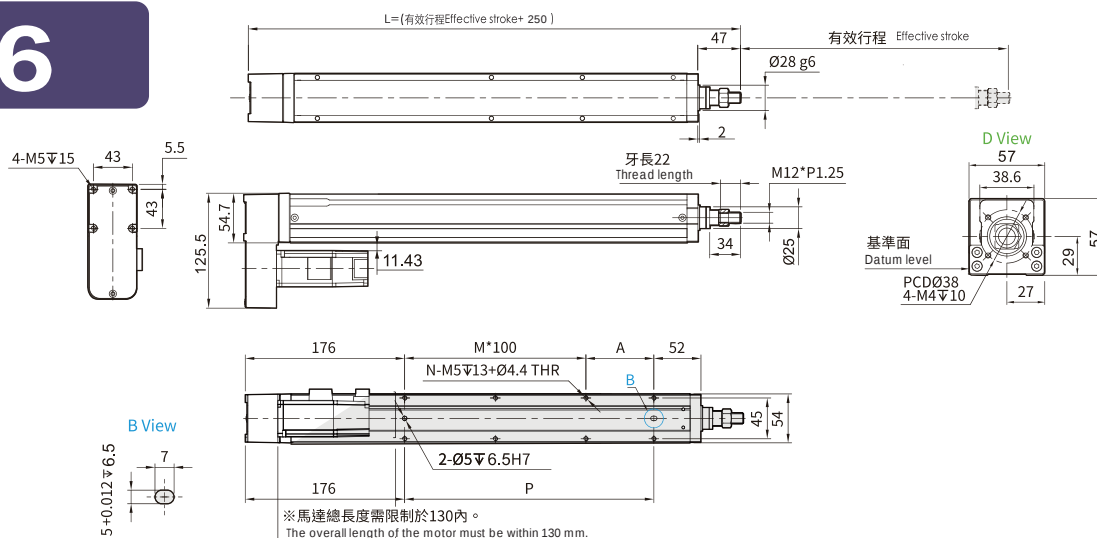
M4



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600
L	300	350	400	450	500	550	600	650	700	750	800	850
A	25	75	25	75	25	75	25	75	25	75	25	75
M	1	1	2	2	3	3	4	4	5	5	6	6
N	6	6	8	8	10	10	12	12	14	14	16	16
P	25	75	125	175	225	275	325	375	425	475	525	575
KG	2.00	2.12	2.35	2.46	2.74	2.85	2.90	3.10	3.21	3.30	3.50	3.63

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M6



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600
L	300	350	400	450	500	550	600	650	700	750	800	850
A	25	75	25	75	25	75	25	75	25	75	25	75
M	1	1	2	2	3	3	4	4	5	5	6	6
N	6	6	8	8	10	10	12	12	14	14	16	16
P	25	75	125	175	225	275	325	375	425	475	525	575
KG	2.00	2.12	2.35	2.46	2.74	2.85	2.90	3.10	3.21	3.30	3.50	3.63

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NY8 - L05 - S100 - M2 - M 400 W - B

型號
Model

導程
Lead

行程
Stroke

馬達方向
Motor direction

馬達廠牌及出力
Motor brand and output

煞車
Brake

馬達方向 Motor direction

- M2 馬達外露 Motor Exposed
- M3 馬達下折 Motor Bottom Side
- M4 馬達左折 Motor Left Side
- M6 馬達右折 Motor Right Side

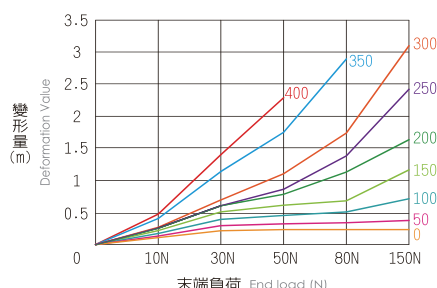
- 馬達廠牌及出力
Motor brand and output
- S 山洋 Sanyo
 - M 三菱 Mitsubishi
 - Y 安川 Yaskawa
 - P 松下 Panasonic
 - F 富士 Fuji
 - T 台達 Delta

NY8 規格表 (NY8 Specification):

馬達出力 AC SERVO MOTOR OUTPUT(W)	400W		
重複定位精度 Rereat postioning accuracy(mm)	±0.01		
螺桿導程 Ball Screw Lead (mm)	5	10	20
最高速度 Maximum Speed (mm/s)	250	500	1000
最大可搬重量 Maximum Payload	水平使用 Horizontal (註1)	50	30
	垂直使用 Vertical (kg)	15	8
定格推力 Rated Thrust (N)	1388	694	347
最快速度 Fastest speed (mm/s)	250	500	1000
滾珠螺桿外徑 Ball Screw Ø (mm)	C7 φ 16		
標準行程 Stroke Pitch (mm)	50-800mm/50間隔 50 mm Pitch		

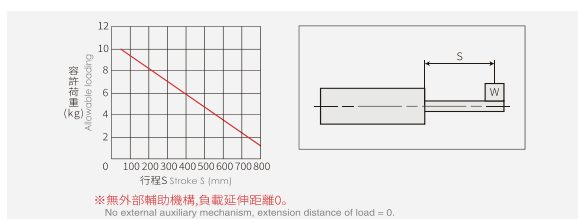
※可特製750W
Can be customized with 750W
※行程超過750時，會產生螺桿偏擺，此時請將速度調降。
When the stroke is over 750mm, the run-out of the ballscrew will occur.
We recommend to low down the working speed under this circumstances.
※馬達加減速設定0.2秒。
Acceleration and deceleration value is set 0.2 second.
註1: 此荷重條件外部需搭配輔助滑軌以承受徑向負載。
When the stroke is over 300mm, the run-out of the ballscrew will occur.

出力軸變形量 Shaft Output Deformation Value



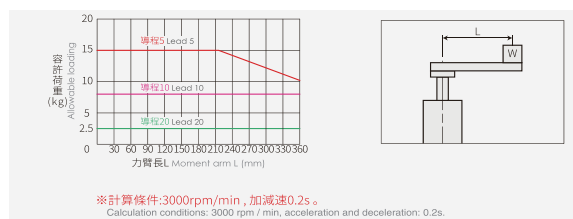
※此圖表為參考值。
No external auxiliary mechanism, extension distance of load = 0.

允許安裝負載 Allowable installation load

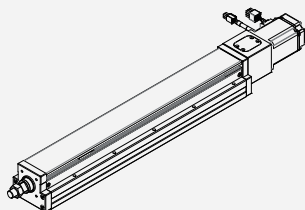


※無外部輔助機構，負載延伸距離0。
No external auxiliary mechanism, extension distance of load = 0.

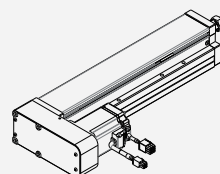
垂直安裝負載 Load in vertical installation



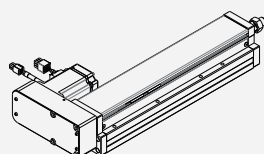
※計算條件: 3000rpm/min, 加減速0.2s。
Calculation conditions: 3000 rpm / min, acceleration and deceleration: 0.2s.



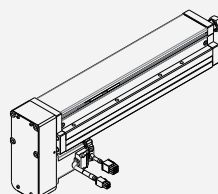
M2



M3

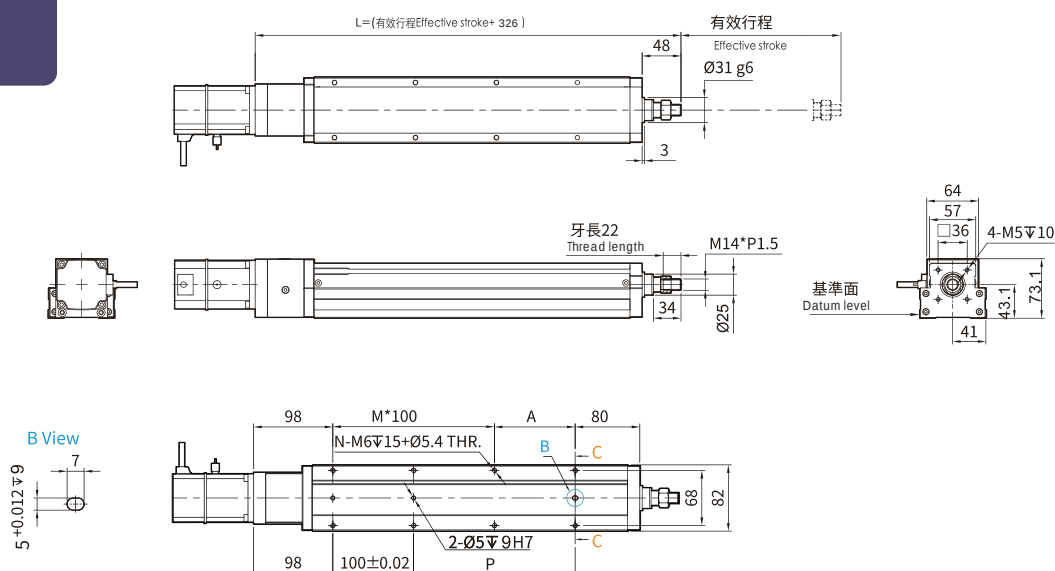


M4



M6

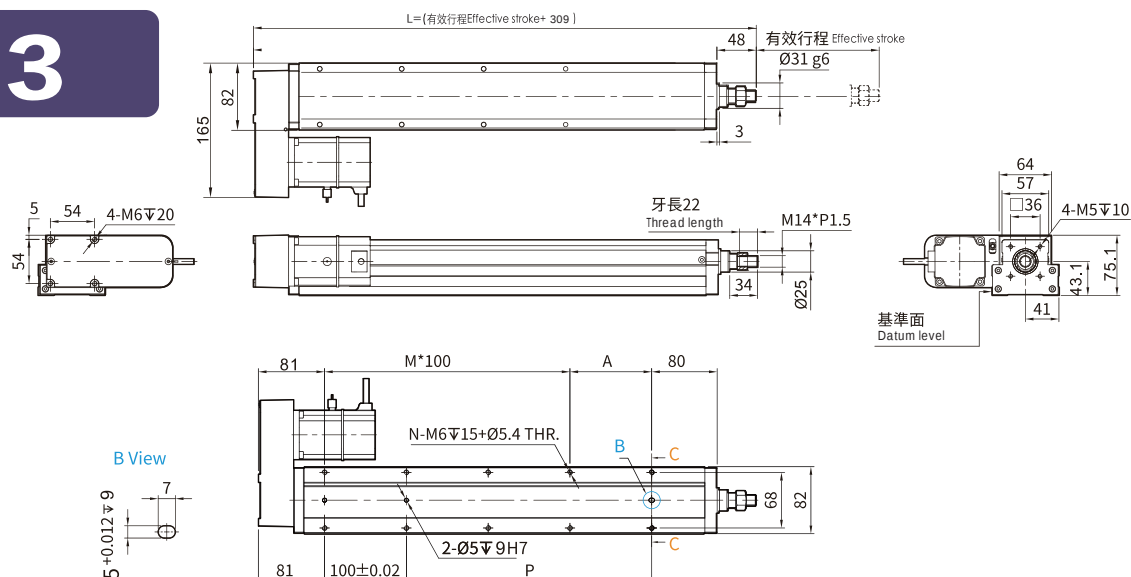
M2



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	376	426	476	526	576	626	676	726	776	826	876	926	976	1026	1076	1126
A	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
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
KG	4.06	4.44	4.85	5.15	5.50	5.83	6.15	6.50	6.79	7.12	7.56	7.86	8.27	8.56	8.80	9.11

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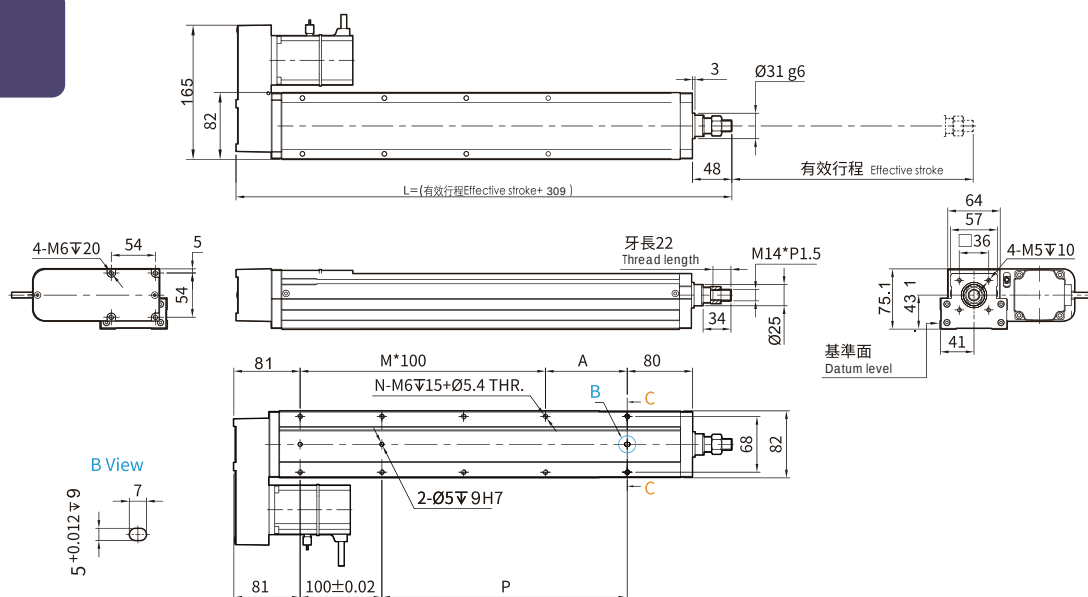
M3



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	359	409	459	509	559	609	659	709	759	809	859	909	959	1009	1059	1109
A	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100
M	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7
N	4	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
KG	4.16	4.54	4.95	5.30	5.60	5.93	6.25	6.60	6.89	7.22	7.66	7.96	8.37	8.66	8.90	9.21

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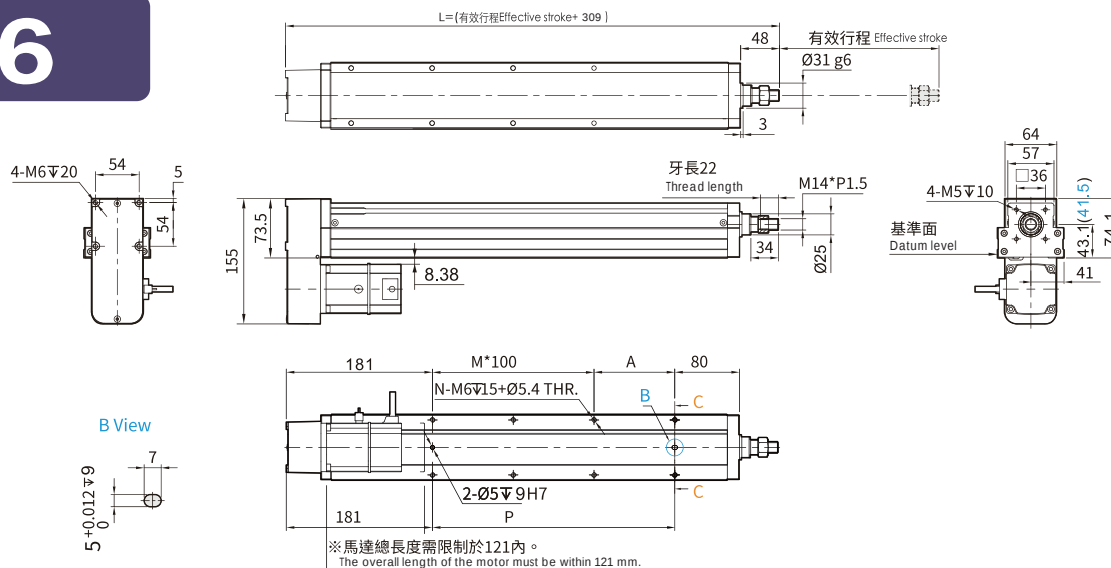
M4



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	359	409	459	509	559	609	659	709	759	809	859	909	959	1009	1059	1109
A	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
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
KG	4.16	4.54	4.95	5.30	5.60	5.93	6.25	6.60	6.89	7.22	7.66	7.96	8.37	8.66	8.90	9.21

※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



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	359	409	459	509	559	609	659	709	759	809	859	909	959	1009	1059	1109
A	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
N	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20
P	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
KG	4.16	4.54	4.95	5.30	5.60	5.93	6.25	6.60	6.89	7.22	7.66	7.96	8.37	8.66	8.90	9.21

※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.

NY12 - L05 - S100 - M2 - M1000W - B

型號
Model

導程
Lead

行程
Stroke

馬達方向
Motor direction

馬達廠牌及出力
Motor brand and output

煞車
Brake

馬達方向 Motor direction

M2 馬達外露 Motor Exposed

M3 馬達下折 Motor Bottom Side

M4 馬達左折 Motor Left Side

M6 馬達右折 Motor Right Side

馬達廠牌及出力

Motor brand and output

S 山洋 Sanyo

M 三菱 Mitsubishi

Y 安川 Yaskawa

P 松下 Panasonic

F 富士 Fuji

T 台達 Delta

NY12 規格表 (NY12 Specification):

馬達出力 AC SERVO MOTOR OUTPUT(W)	1000W	
重複定位精度 Rereat posttioneing accuracy(mm)	±0.01	
螺桿導程 Ball Screw Lead (mm)	5	10
最高速度 Maximum Speed (mm/s)	166	333
最大可搬重量 Maximum Payload	水平使用 Horizontal (kg) ^(註1)	408
	垂直使用 Vertical (kg)	102
定格推力 Rated Thrust (N)	5100	2550
最快速度 Fastest speed (mm/s)	166	333
滾珠螺桿外徑 Ball Screw Ø (mm)	C7 φ 25	
標準行程 Stroke Pitch (mm)	50-800mm/50間隔 50 mm Pitch	

馬達加速減速設定0.2秒

Acceleration and deceleration value is set 0.2 second.

註1: 此荷重條件外部需搭配輔助滑軌以承受徑向負載。

When the stroke is over 300mm, the run-out of the ballscrew will occur.

*可特製1500W/2000W
Can be customized with 1500W/2000W

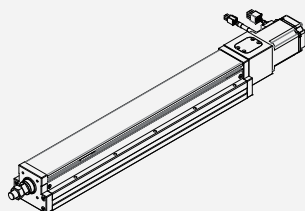
出力桿的防止迴轉精度 Anti-rotating Accuracy of Rod



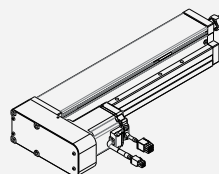
防止迴轉精度 θ Anti-rotating accuracy
±0°

※使用時請避免活塞桿承受迴轉扭力，因為有可能會造成防轉塊變形，導致自動開關反應異常，內部滑軌變形，進而造成增加作動阻抗。

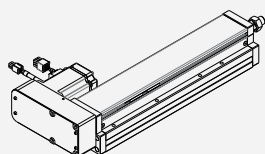
Avoid using the electric actuator in such a way that rotational torque would be applied to the piston rod. This may cause deformation of the Anti-rotating guide, abnormal responses of the auto switch, play in the internal guide or an increase in the sliding resistance.



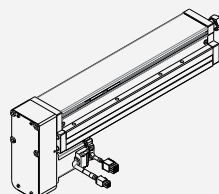
M2



M3

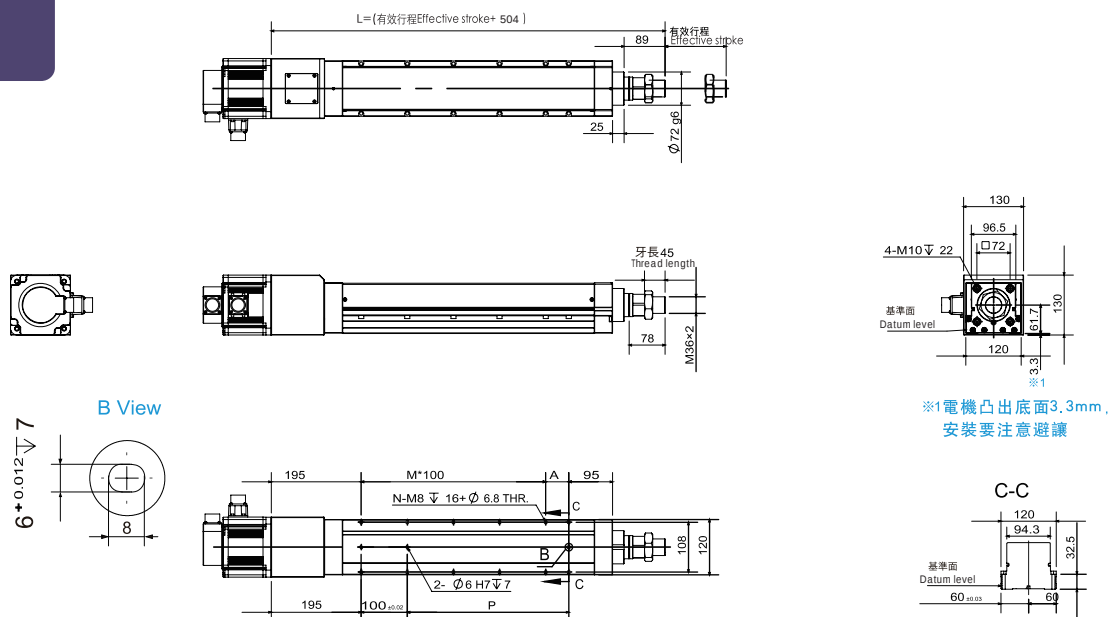


M4



M6

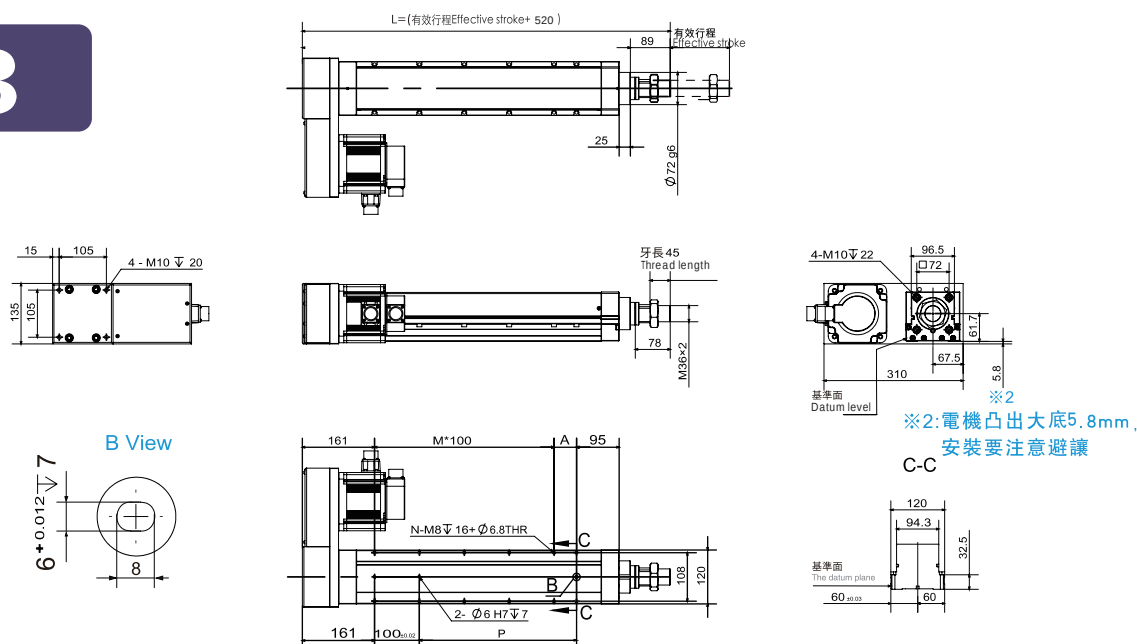
M2



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	604	654	704	754	804	854	904	954	1004	1054	1104	1154	1204	1254	1304	1354
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9
N	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22
P	100	150	174	250	300	350	400	450	500	550	600	650	700	750	800	850
KG	14.8	16.1	200	18.7	20	21.3	22.6	23.9	25.2	26.5	27.8	29.1	30.4	31.7	33	34.3

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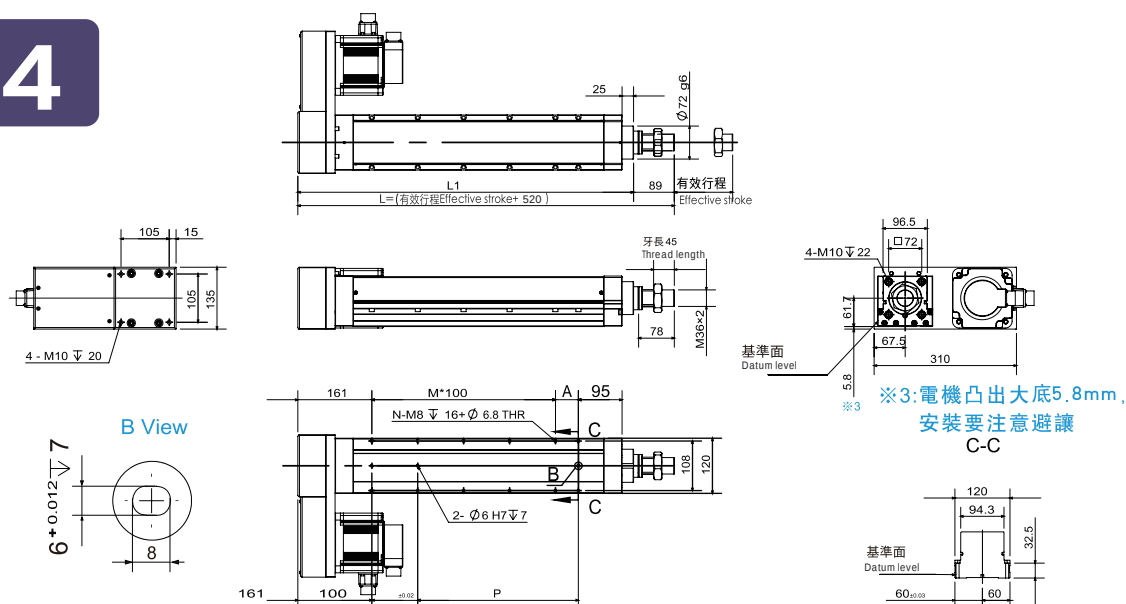
M3



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
N	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20
P	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850
KG	16.5	17.8	19.1	20.4	21.7	23	24.3	25.6	26.9	28.2	29.5	30.8	32.1	33.4	34.7	36

※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.

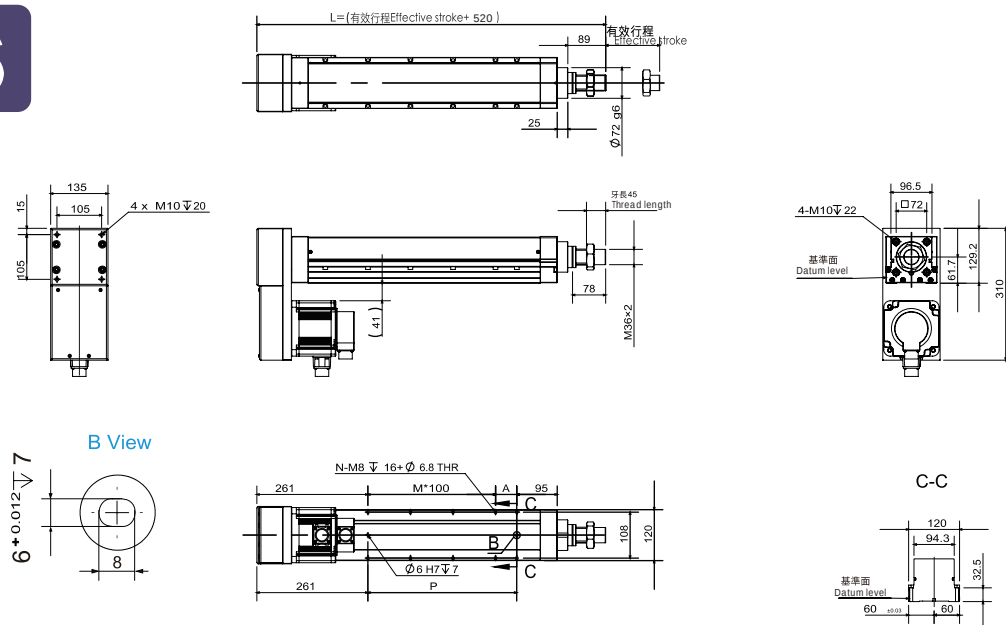
M4



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9
N	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22
P	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850
KG	16.5	17.8	19.1	20.4	21.7	23	24.3	25.6	26.9	28.2	29.5	30.8	32.1	33.4	34.7	36

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M6



有效行程 Stroke	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
L	570	620	670	720	770	820	870	920	970	1020	1070	1120	1170	1220	1270	1320
A	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
M	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9
N	6	8	8	10	10	12	12	14	14	16	16	18	18	20	20	22
P	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850
KG	16.5	17.8	19.1	20.4	21.7	23	24.3	25.6	26.9	28.2	29.5	30.8	32.1	33.4	34.7	36

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