

# 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

M 三菱 Mitsubishi

Y 安川 Yaskawa

P 松下 Panasonic

F 富士 Fuji

T 台達 Delta

S SATA

## NY8 規格表 (NY8 Specification):

|                                        |                           |     |      |
|----------------------------------------|---------------------------|-----|------|
| 馬達出力 AC SERVO MOTOR OUTPUT(W)          | 400W                      |     |      |
| 重複定位精度 Rereat positioning 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<br>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.

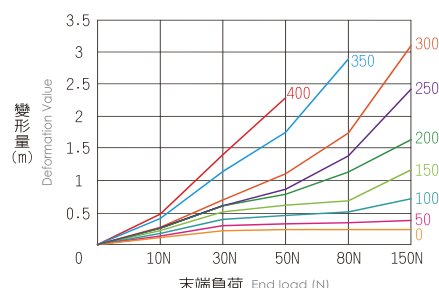
※馬達加速減速設定0.2秒。

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.

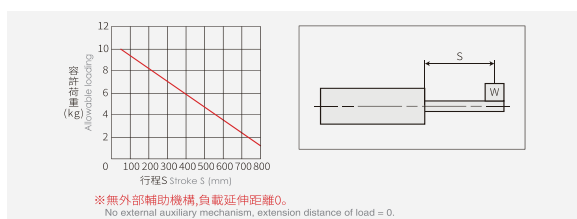
### 出力軸變形量 Shaft Output Deformation Value



※此圖表為參考值。

No external auxiliary mechanism, extension distance of load = 0.

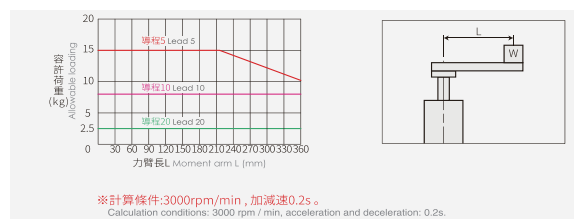
### 允許安裝負載 Allowable installation load



※無外部輔助機構，負載延伸距離0。

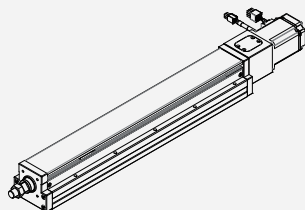
No external auxiliary mechanism, extension distance of load = 0.

### 垂直安裝負載 Load in vertical installation

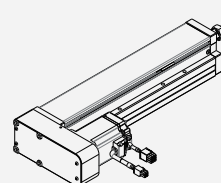


※計算條件: 3000rpm/min, 加速減速0.2s。

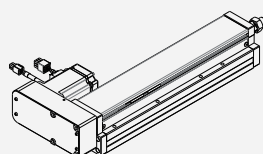
Calculation conditions: 3000 rpm / min, acceleration and deceleration: 0.2s.



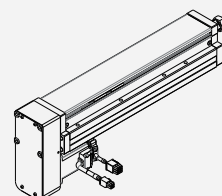
M2



M3

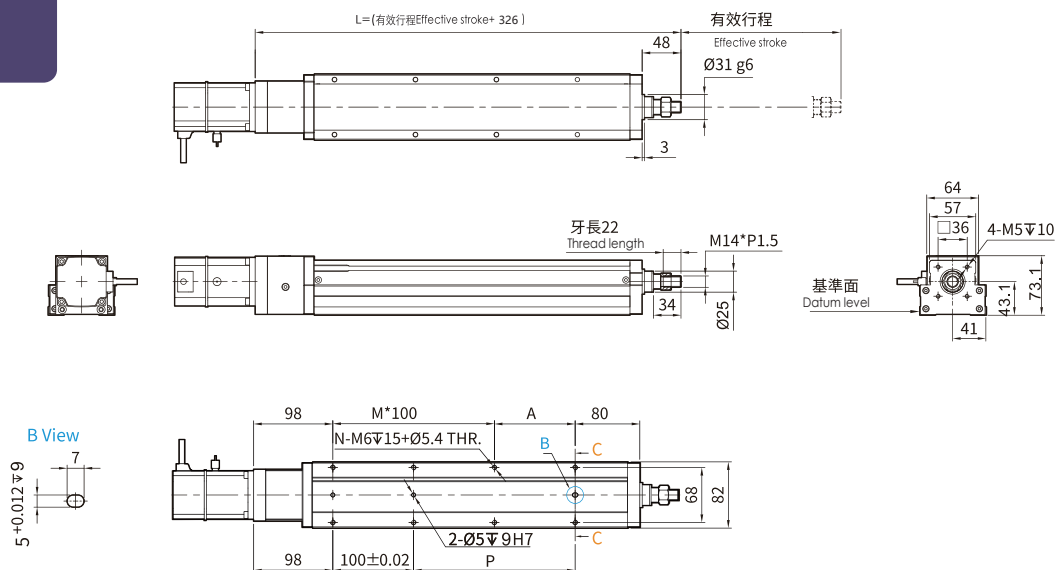


M4



M6

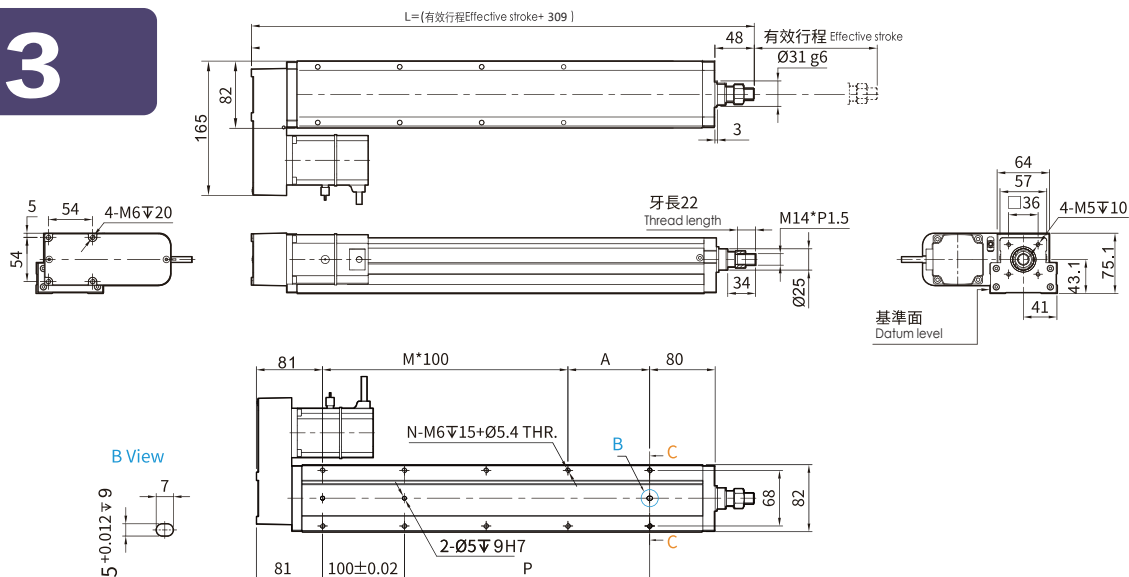
# M2



| 有效行程<br>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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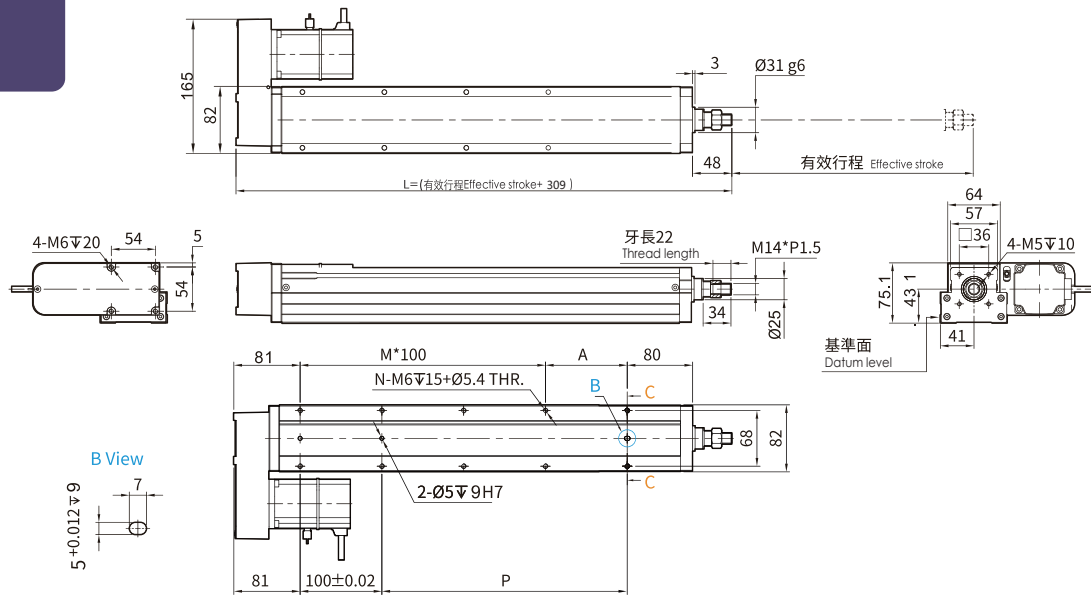
# M3



| 有效行程<br>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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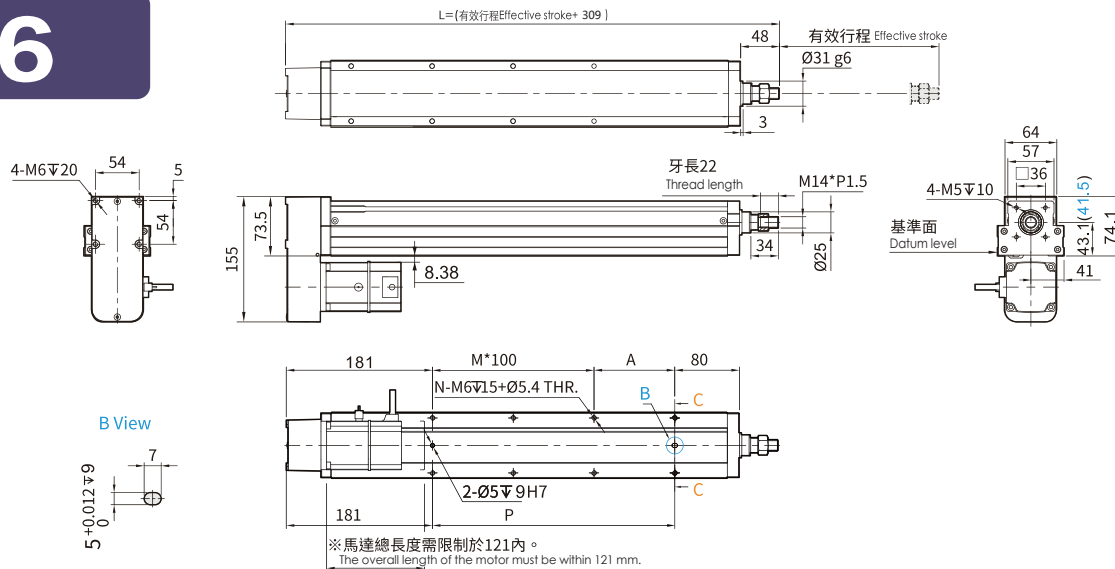
# M4



| 有效行程<br>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 |

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# M6



| 有效行程<br>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 |

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