

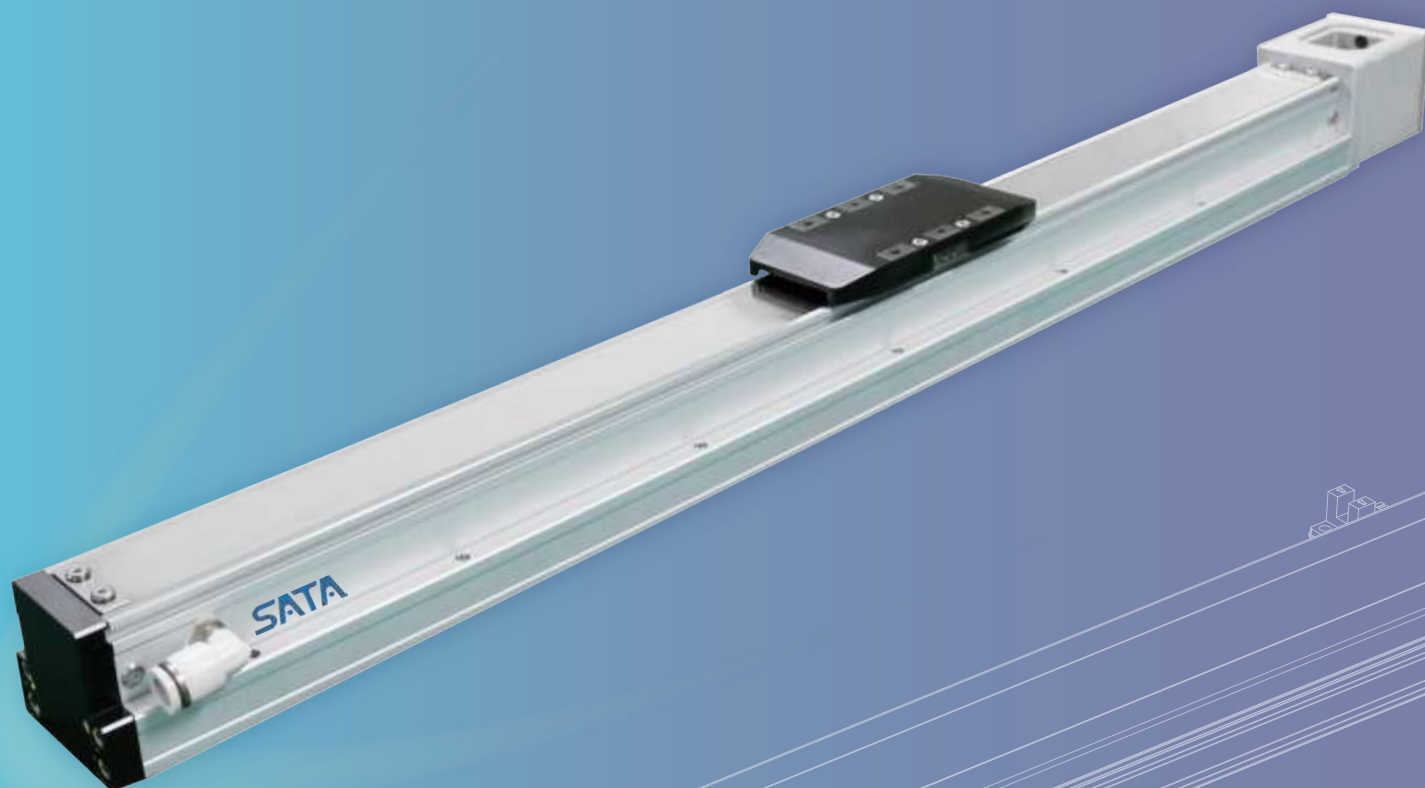
# SATA

## 無塵內嵌式螺桿

無塵環境

Built-in LM Guide Ball-Screw  
Series

Clean room

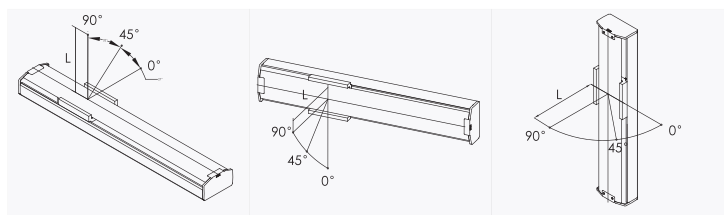


# CNK4-L10-S100 - M2 - M100W - B - 3 A

| 型號        | 導程   | 行程                                | 馬達方向            | 馬達廠牌及出力                | 剎車                            | 光電位置                   | 光電類型                  |
|-----------|------|-----------------------------------|-----------------|------------------------|-------------------------------|------------------------|-----------------------|
| Model     | Lead | Stroke                            | Motor direction | Model brand and output | Brake                         | Photoelectric position | Type of photoelectric |
| M2 馬達外置   |      | Motor outside position            |                 | H 上銀 Hiwin             | 1 - 內置                        |                        | A - NPN               |
| M3 馬達外置右側 |      | Motor outside ,rightward position |                 | X 西門子 Siemens          | Inside                        |                        | C - PNP               |
| M4 馬達外置左側 |      | Motor outside , leftward position |                 | M 三菱 Mitsubishi        | 3 - 外置右側                      |                        |                       |
| M6 馬達外置下方 |      | Motor outside ,lower position     |                 | Y 安川 Yaskawa           | Outside Right                 |                        |                       |
|           |      |                                   |                 | P 松下 Panasonic         | 4 - 外置左側                      |                        |                       |
|           |      |                                   |                 | F 富士 Fuji              | Outside Left                  |                        |                       |
|           |      |                                   |                 | T 台達 Delta             | E / 空白 - 不含 / 無指定             |                        |                       |
|           |      |                                   |                 |                        | Blank - Excluding/Unspecified |                        |                       |

## CNK4規格表(CNK4 Specification)

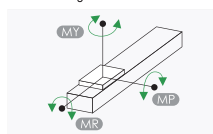
|                               |                            |     |     |
|-------------------------------|----------------------------|-----|-----|
| 馬達出力<br>Step motor output     | 100W                       |     |     |
| 重複定位精度<br>Repeatability(mm)   | ±0.01                      |     |     |
| 滾珠絲桿外徑<br>B.S(Ø)              | Ø10                        |     |     |
| 滾珠螺桿導程<br>Lead(mm)            | 2                          | 5   | 10  |
| 最快速度<br>Maximun speed(mm/sec) | 100                        | 250 | 500 |
| 最大載重<br>Maximum payload(kg)   | 水平使用<br>(H)                | 25  | 20  |
|                               | 垂直使用<br>(V)                | 8   | 5   |
| 額定推力<br>Rated thrus(N)        | 424                        | 141 | 71  |
| 行程<br>Stroke(mm)              | 100-800<br>50間隔 (interval) |     |     |



| 水平安裝應用: 單位Unit:mm<br>Horizontal use |               |    |     |      | 牆面安裝應用: 單位Unit:mm<br>Wall installation use |               |      |     |     | 垂直安裝應用: 單位Unit:mm<br>During vertical use |               |     |     |     |
|-------------------------------------|---------------|----|-----|------|--------------------------------------------|---------------|------|-----|-----|------------------------------------------|---------------|-----|-----|-----|
| 導程<br>Lead                          | 荷重<br>Payload | 0° | 45° | 90°  | 導程<br>Lead                                 | 荷重<br>Payload | 0°   | 45° | 90° | 導程<br>Lead                               | 荷重<br>Payload | 0°  | 45° | 90° |
| Lead 2                              | 12kg          | 80 | 505 | 1000 | Lead 2                                     | 12kg          | 1000 | 70  | 80  | Lead 2                                   | 4kg           | 200 | 165 | 200 |
|                                     | 18kg          | 50 | 355 | 750  |                                            | 18kg          | 750  | 42  | 50  |                                          | 8kg           | 100 | 76  | 100 |
|                                     | 25kg          | 32 | 260 | 500  |                                            | 25kg          | 500  | 20  | 32  |                                          | -             | -   | -   | -   |
| Lead 5                              | 10kg          | 70 | 270 | 550  | Lead 5                                     | 10kg          | 550  | 58  | 72  | Lead 5                                   | 3kg           | 200 | 165 | 200 |
|                                     | 15kg          | 45 | 187 | 350  |                                            | 15kg          | 345  | 36  | 45  |                                          | 5kg           | 120 | 85  | 120 |
|                                     | 20kg          | 31 | 140 | 250  |                                            | 20kg          | 250  | 21  | 31  |                                          | -             | -   | -   | -   |
| Lead 10                             | 8kg           | 75 | 130 | 305  | Lead 10                                    | 8kg           | 300  | 60  | 75  | Lead 10                                  | 1.5kg         | 350 | 266 | 350 |
|                                     | 10kg          | 57 | 115 | 240  |                                            | 10kg          | 240  | 44  | 58  |                                          | 2kg           | 260 | 190 | 260 |
|                                     | 12kg          | 47 | 90  | 195  |                                            | 12kg          | 190  | 35  | 47  |                                          | -             | -   | -   | -   |

\*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)

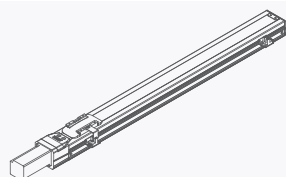
靜態容許負載慣量  
Stidic Loading Moment



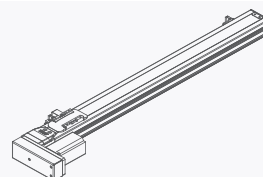
(單位:N.m) ( Unit:N.m)  
水平使用時 Static Loading Moment

|    |     |
|----|-----|
| MY | 79  |
| MP | 79  |
| MR | 116 |

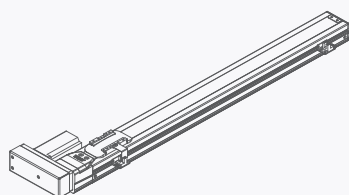
"此款型號不建議當多軸負載軸"  
This model suggest not be used as load axis of multi axes.



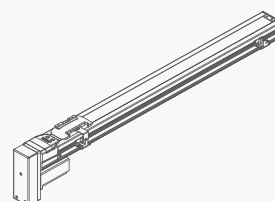
M2



M3

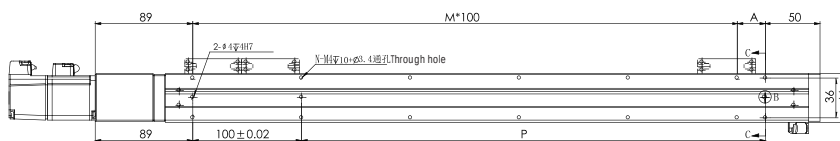
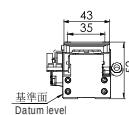
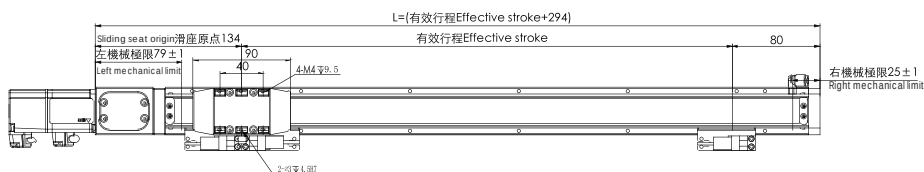
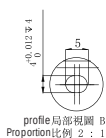


M4



M6

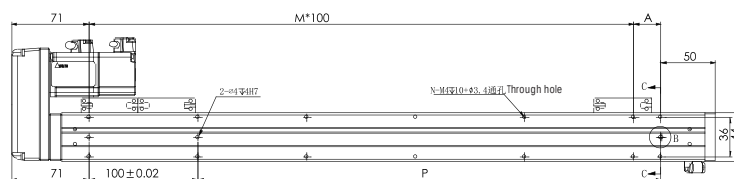
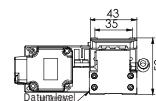
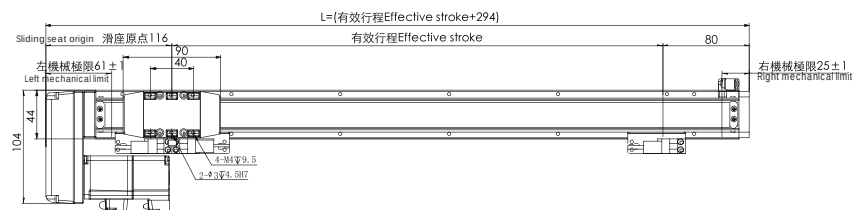
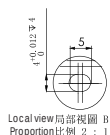
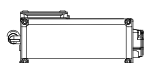
## M2



| 行程<br>Stroke | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L            | 264  | 314  | 364  | 414  | 464  | 514  | 564  | 614  | 664  | 714  | 764  | 814  | 864  | 914  | 964  | 1014 |
| A            | 25   | 75   | 25   | 75   | 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    | 7    | 7    | 8    | 8    |
| N            | 6    | 6    | 8    | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   | 20   |
| P            | 25   | 75   | 125  | 175  | 225  | 275  | 325  | 375  | 425  | 475  | 525  | 575  | 625  | 675  | 725  | 775  |
| 重量(kg)       | 0.95 | 1.12 | 1.29 | 1.47 | 1.65 | 1.83 | 2.01 | 2.19 | 2.37 | 2.55 | 2.73 | 2.91 | 3.09 | 3.27 | 3.45 | 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.

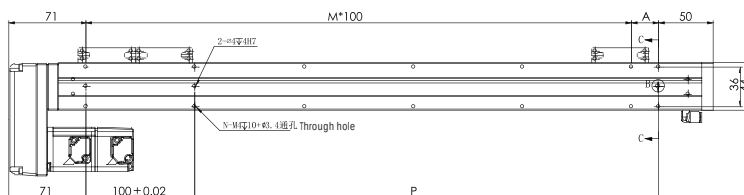
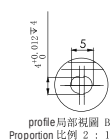
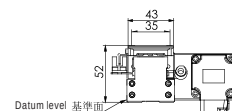
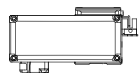
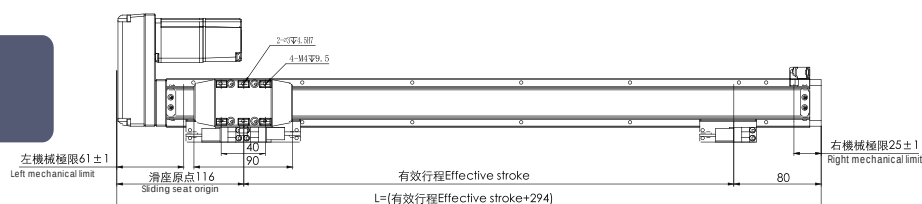
## M3



| 行程<br>Stroke | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L            | 246  | 296  | 346  | 396  | 446  | 496  | 546  | 596  | 646  | 696  | 746  | 796  | 846  | 896  | 946  | 996  |
| A            | 25   | 75   | 25   | 75   | 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    | 7    | 7    | 8    | 8    |
| N            | 6    | 6    | 8    | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   | 20   |
| P            | 25   | 75   | 125  | 175  | 225  | 275  | 325  | 375  | 425  | 475  | 525  | 575  | 625  | 675  | 725  | 775  |
| 重量(kg)       | 1.04 | 1.22 | 1.40 | 1.58 | 1.76 | 1.94 | 2.12 | 2.30 | 2.48 | 2.66 | 2.84 | 3.02 | 3.20 | 3.38 | 3.56 | 3.74 |

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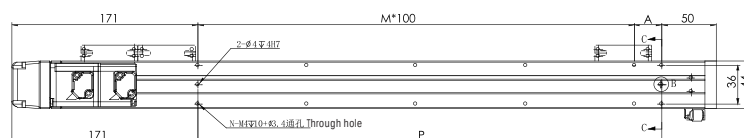
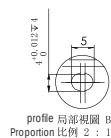
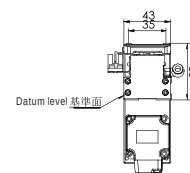
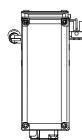
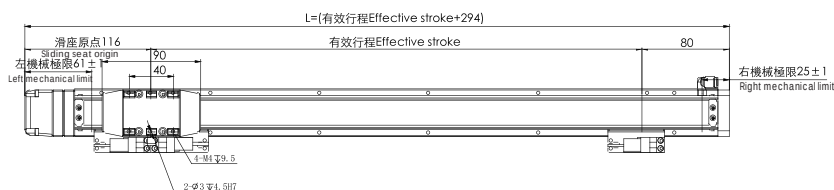
# M4



| 行程<br>Stroke | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L            | 246  | 296  | 346  | 396  | 446  | 496  | 546  | 596  | 646  | 696  | 746  | 796  | 846  | 896  | 946  | 996  |
| A            | 25   | 75   | 25   | 75   | 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    | 7    | 7    | 8    | 8    |
| N            | 6    | 6    | 8    | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   | 20   |
| P            | 25   | 75   | 125  | 175  | 225  | 275  | 325  | 375  | 425  | 475  | 525  | 575  | 625  | 675  | 725  | 775  |
| 重量(kg)       | 1.04 | 1.22 | 1.40 | 1.58 | 1.76 | 1.94 | 2.12 | 2.30 | 2.48 | 2.66 | 2.84 | 3.02 | 3.20 | 3.38 | 3.56 | 3.74 |

※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



| 行程<br>Stroke | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L            | 246  | 296  | 346  | 396  | 446  | 496  | 546  | 596  | 646  | 696  | 746  | 796  | 846  | 896  | 946  | 996  |
| A            | 25   | 75   | 25   | 75   | 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    | 7    | 7    | 8    | 8    |
| N            | 6    | 6    | 8    | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   | 20   |
| P            | 25   | 75   | 125  | 175  | 225  | 275  | 325  | 375  | 425  | 475  | 525  | 575  | 625  | 675  | 725  | 775  |
| 重量(kg)       | 1.04 | 1.22 | 1.40 | 1.58 | 1.76 | 1.94 | 2.12 | 2.30 | 2.48 | 2.66 | 2.84 | 3.02 | 3.20 | 3.38 | 3.56 | 3.74 |

※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.

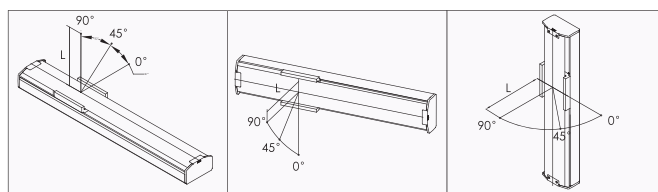
| CNK5-L10-S100- M2- M100W -B - 3             |            |              |                         |                                   |                                                 |                                |                               | A |
|---------------------------------------------|------------|--------------|-------------------------|-----------------------------------|-------------------------------------------------|--------------------------------|-------------------------------|---|
| 型號<br>Model                                 | 導程<br>Lead | 行程<br>Stroke | 馬達方向<br>Motor direction | 馬達廠牌及出力<br>Model brand and output | 剎車<br>Brake                                     | 光電位置<br>Photoelectric position | 光電類型<br>Type of photoelectric |   |
| M2 馬達外置 Motor outside position              |            |              | H 上銀 Hiwin              |                                   | 1 - 內置 Inside                                   |                                | A - NPN                       |   |
| M3 馬達外置右側 Motor outside ,rightward position |            |              | X 西門子 Siemens           |                                   | 3 - 外置右側 Outside Right                          |                                | C - PNP                       |   |
| M4 馬達外置左側 Motor outside , leftward position |            |              | M 三菱 Mitsubishi         |                                   | 4 - 外置左側 Outside Left                           |                                |                               |   |
| M6 馬達外置下方 Motor outside ,lower position     |            |              | Y 安川 Yaskawa            |                                   | E / 空白 - 不含 / 無指定 Blank - Excluding/Unspecified |                                |                               |   |
|                                             |            |              | P 松下 Panasonic          |                                   |                                                 |                                |                               |   |
|                                             |            |              | F 富士 Fuji               |                                   |                                                 |                                |                               |   |
|                                             |            |              | T 台達 Delta              |                                   |                                                 |                                |                               |   |

## CNK5規格表(CNK5 Specification)

|                                |             |                            |     |
|--------------------------------|-------------|----------------------------|-----|
| 馬達出力<br>Step motor output      |             | 100W                       |     |
| 重複定位精度<br>Repeatability(mm)    |             | ±0.01                      |     |
| 滾珠絲桿外徑<br>B.S(Ø)               |             | Ø12                        |     |
| 滾珠螺桿導程<br>Lead(mm)             |             | 5                          | 10  |
| 最快速度<br>Maximun speed(mm/sec)  |             | 250                        | 500 |
| 最大載重<br>Maximum<br>payload(kg) | 水平使用<br>(H) | 30                         | 15  |
|                                | 垂直使用<br>(v) | 10                         | 5   |
| 額定推力<br>Rated thrus(N)         |             | 327                        | 163 |
| 行程<br>Stroke(mm)               |             | 100-800<br>50間隔 (interval) |     |

"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.

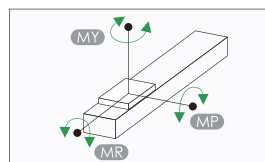


| 水平安裝應用: 單位Unit:mm<br>Horizontal use |               |     |     |     | 牆面安裝應用: 單位Unit:mm<br>Wall installation use |               |     |     |     | 垂直安裝應用: 單位Unit:mm<br>During vertical use |               |     |     |     |
|-------------------------------------|---------------|-----|-----|-----|--------------------------------------------|---------------|-----|-----|-----|------------------------------------------|---------------|-----|-----|-----|
| 導程<br>Lead                          | 荷重<br>Payload | 0°  | 45° | 90° | 導程<br>Lead                                 | 荷重<br>Payload | 0°  | 45° | 90° | 導程<br>Lead                               | 荷重<br>Payload | 0°  | 45° | 90° |
| 5                                   | 5kg           | 380 | 260 | 600 | 5                                          | 5kg           | 600 | 210 | 153 | 5                                        | 1kg           | 680 | 260 | 580 |
| 10                                  | 10kg          | 258 | 186 | 370 | 10                                         | 10kg          | 370 | 140 | 86  | 10                                       | 3kg           | 458 | 186 | 458 |
| 15                                  | 15kg          | 120 | 80  | 160 | 15                                         | 15kg          | 250 | 76  | 66  | 15                                       | 5kg           | 220 | 110 | 220 |
| 20                                  | 20kg          | 420 | 270 | 650 | 20                                         | 20kg          | 550 | 310 | 150 | 20                                       | 6kg           | 380 | 270 | 380 |
| 25                                  | 25kg          | 230 | 170 | 380 | 25                                         | 25kg          | 350 | 132 | 80  | 25                                       | 8kg           | 258 | 170 | 258 |
| 30                                  | 30kg          | 110 | 60  | 150 | 30                                         | 30kg          | 100 | 76  | 60  | 30                                       | 10kg          | 100 | 76  | 100 |

\*滑塊表面中心到搬送物重心的距離(僅供參考)

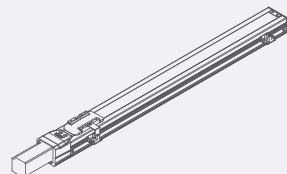
Distance center of slider top to center of gravity of object being transported (For reference only)

靜態容許負載慣量  
Static Loading Moment

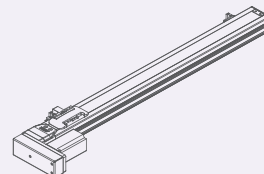


(單位:N.m) ( Unit:N.m)  
水平使用時 Static Loading Moment

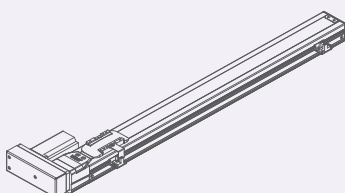
|    |     |
|----|-----|
| MY | 100 |
| MP | 100 |
| MR | 145 |



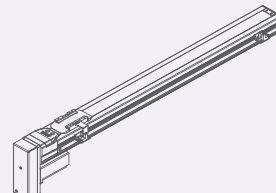
M2



M3

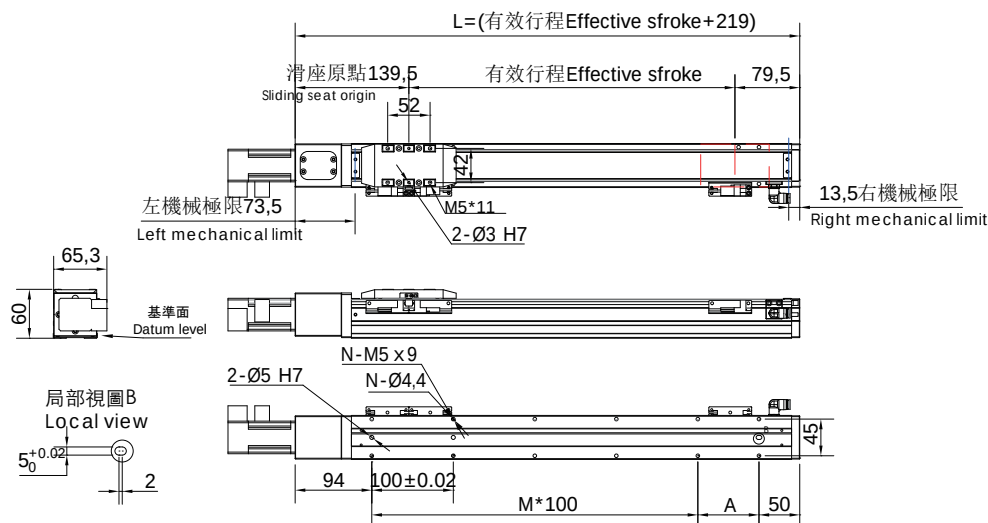


M4



M6

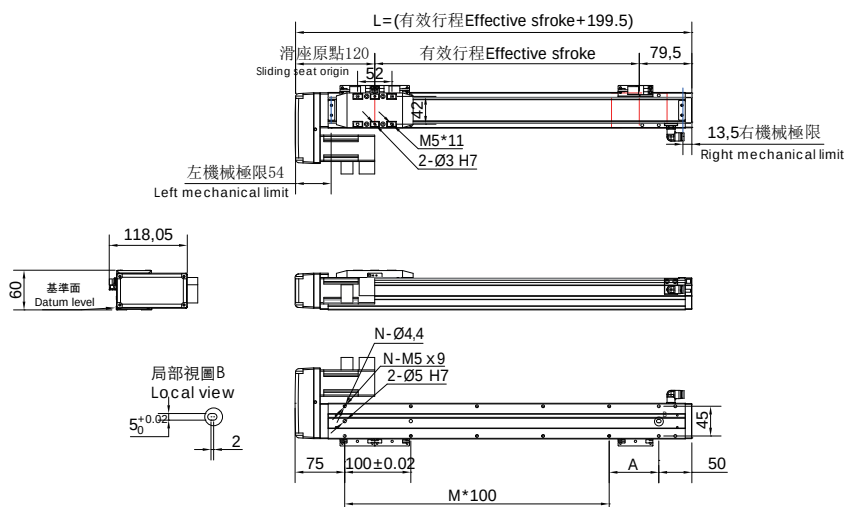
# M2



| 行程<br>Stroke | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| L            | 319 | 369 | 419 | 469 | 519 | 569 | 619 | 669 | 719 | 769 | 819 | 869 | 919 | 969 | 1019 |
| 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  |

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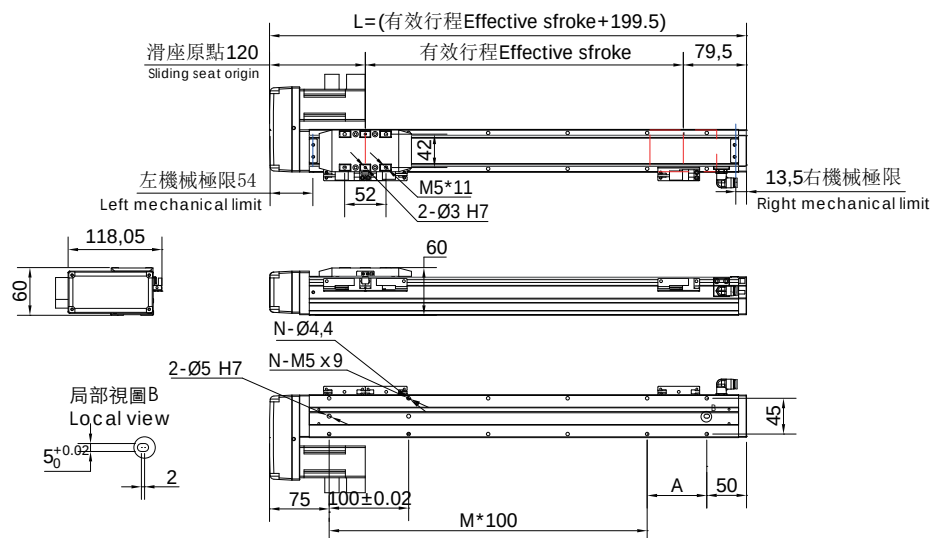
# M3



| 行程<br>Stroke | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L            | 299.5 | 349.5 | 399.5 | 449.5 | 499.5 | 549.5 | 599.5 | 649.5 | 699.5 | 749.5 | 799.5 | 849.5 | 899.5 | 949.5 | 999.5 |
| 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.

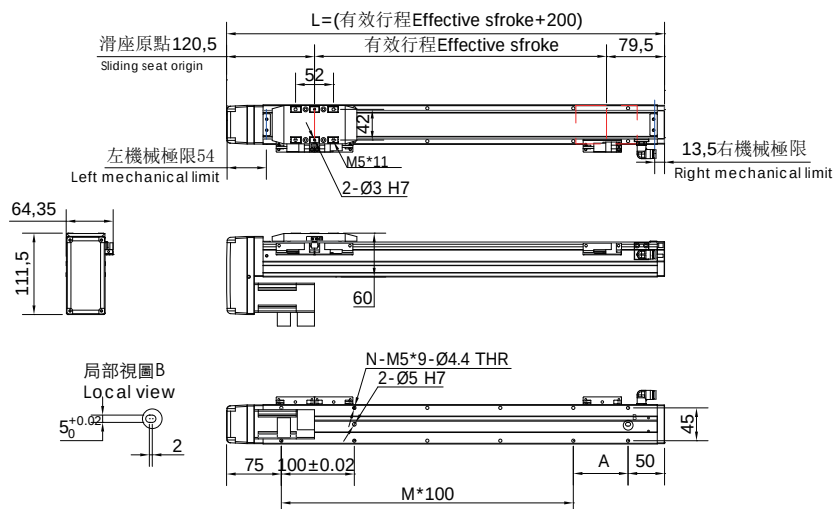
## M4



| 行程<br>Stroke | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L            | 299.5 | 349.5 | 399.5 | 449.5 | 499.5 | 549.5 | 599.5 | 649.5 | 699.5 | 749.5 | 799.5 | 849.5 | 899.5 | 949.5 | 999.5 |
| 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.

## M6



| 行程<br>Stroke | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| L            | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 |
| 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.



# CNK8-L10-S100-M2-M200W-B-3

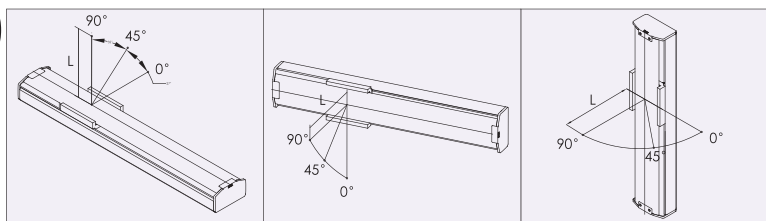
## A

| 型號        | 導程                                | 行程     | 馬達方向            | 馬達廠牌及出力                | 剎車                            | 光電位置                   | 光電類型                  |
|-----------|-----------------------------------|--------|-----------------|------------------------|-------------------------------|------------------------|-----------------------|
| Model     | Lead                              | Stroke | Motor direction | Model brand and output | Brake                         | Photoelectric position | Type of photoelectric |
| M2 馬達外置   | Motor outside position            |        |                 | H 上銀 Hiwin             | 1 - 內置                        |                        | A - NPN               |
| M3 馬達外置右側 | Motor outside ,rightward position |        |                 | X 西門子 Siemens          | Inside                        |                        | C - PNP               |
| M4 馬達外置左側 | Motor outside , leftward position |        |                 | M 三菱 Mitsubishi        | 3 - 外置右側                      |                        |                       |
| M6 馬達外置下方 | Motor outside ,lower position     |        |                 | Y 安川 Yaskawa           | Outside Right                 |                        |                       |
|           |                                   |        |                 | P 松下 Panasonic         | 4 - 外置左側                      |                        |                       |
|           |                                   |        |                 | F 富士 Fuji              | Outside Left                  |                        |                       |
|           |                                   |        |                 | T 台達 Delta             | E / 空白 - 不含 / 無指定             |                        |                       |
|           |                                   |        |                 |                        | Blank - Excluding/Unspecified |                        |                       |

## CNK8規格表(CNK8 Specification)

|                               |                             |     |      |
|-------------------------------|-----------------------------|-----|------|
| 馬達出力<br>Step motor output     | 200W                        |     |      |
| 重複定位精度<br>Repeatability(mm)   | ±0.01                       |     |      |
| 滾珠絲桿外徑<br>B.S.Ø               | Ø16                         |     |      |
| 滾珠螺桿導程<br>Lead(mm)            | 5                           | 10  | 20   |
| 最快速度<br>Maximum speed(mm/sec) | 250                         | 500 | 1000 |
| 最大載重<br>Maximum payload(kg)   | 水平使用<br>(H)                 | 50  | 30   |
|                               | 垂直使用<br>(V)                 | 15  | 8    |
| 額定推力<br>Rated thrus(N)        | 685                         | 340 | 176  |
| 行程<br>Stroke(mm)              | 100-1050<br>50間隔 (interval) |     |      |

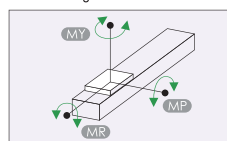
"此款型號不建議當多軸負載軸"  
This model suggest not be used as load axis of multi axes.



| 水平安裝應用: 單位Unit:mm<br>Horizontal use |               |     |     |      | 牆面安裝應用: 單位Unit:mm<br>Wall installation use |               |      |     |     | 垂直安裝應用: 單位Unit:mm<br>During vertical use |               |     |     |     |
|-------------------------------------|---------------|-----|-----|------|--------------------------------------------|---------------|------|-----|-----|------------------------------------------|---------------|-----|-----|-----|
| 導程<br>Lead                          | 荷重<br>Payload | 0°  | 45° | 90°  | 導程<br>Lead                                 | 荷重<br>Payload | 0°   | 45° | 90° | 導程<br>Lead                               | 荷重<br>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  |                                          | -             | -   | -   | -   |
| Lead05                              | 20kg          | 302 | 283 | 1532 | Lead05                                     | 20kg          | 1450 | 214 | 153 | Lead05                                   | 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)

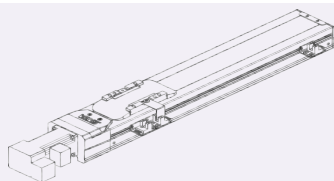
靜態容許負載慣量  
Static Loading Moment



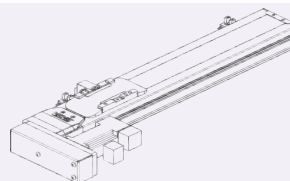
(單位:N.m) ( Unit:N.m)

水平使用時 Static Loading Moment

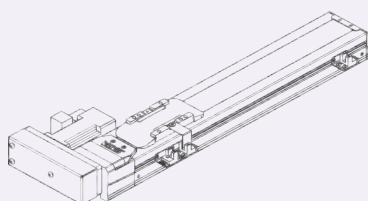
|    |     |
|----|-----|
| MY | 320 |
| MP | 320 |
| MR | 630 |



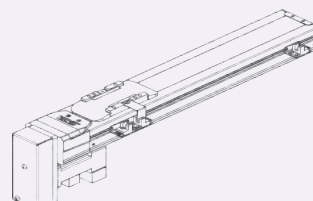
M2



M3



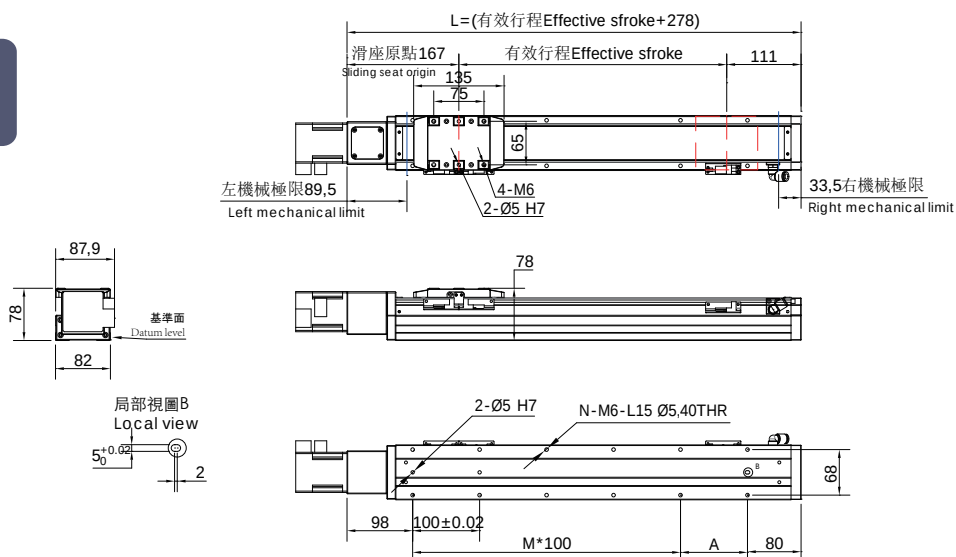
M4



M6



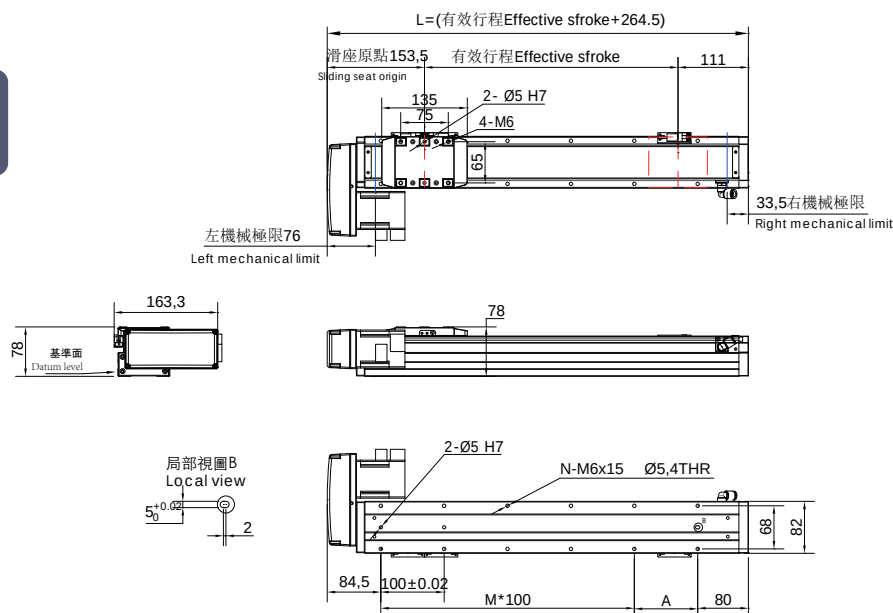
## M2



| 行程<br>Stroke | 100  | 150  | 200  | 250  | 300 | 350  | 400  | 450 | 500  | 550  | 600  | 650  | 700  | 750   | 800   | 850   | 900   | 950   | 1000  | 1050  |
|--------------|------|------|------|------|-----|------|------|-----|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| L            | 378  | 428  | 478  | 528  | 578 | 628  | 678  | 728 | 778  | 828  | 878  | 928  | 978  | 1028  | 1078  | 1128  | 1178  | 1228  | 1278  | 1328  |
| A            | 100  | 50   | 100  | 50   | 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     | 9     | 10    | 10    | 11    |
| N            | 6    | 8    | 8    | 10   | 10  | 12   | 12   | 14  | 14   | 16   | 16   | 18   | 18   | 20    | 20    | 22    | 22    | 24    | 24    | 26    |
| 質量(kg)       | 5.54 | 5.91 | 6.27 | 6.64 | 7   | 7.37 | 7.73 | 8.1 | 8.46 | 8.83 | 9.19 | 9.56 | 9.92 | 10.29 | 10.65 | 11.02 | 11.38 | 11.75 | 12.11 | 12.48 |

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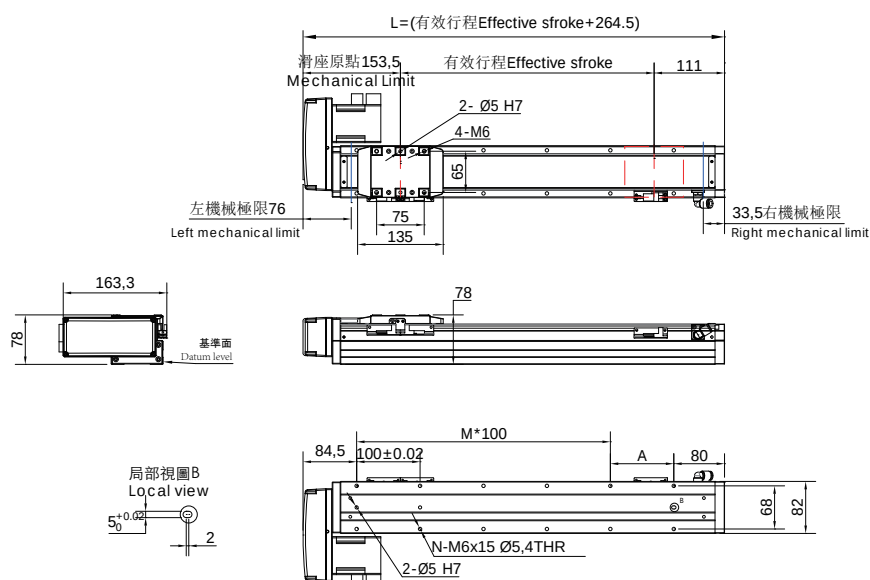
## M3



| 行程<br>Stroke | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750    | 800    | 850    | 900    | 950    | 1000   | 1050   |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 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 | 1314.5 |
| A            | 100   | 50    | 100   | 50    | 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      | 8      | 9      | 9      | 10     |
| N            | 4     | 6     | 6     | 8     | 8     | 10    | 10    | 12    | 12    | 14    | 14    | 16    | 16    | 18     | 18     | 20     | 20     | 22     | 22     | 24     |
| 質量(kg)       | 5.6   | 6.12  | 6.64  | 7.16  | 7.68  | 8.2   | 8.72  | 9.24  | 9.76  | 10.28 | 10.8  | 11.32 | 11.84 | 12.36  | 12.88  | 13.4   | 13.92  | 14.44  | 14.96  | 15.48  |

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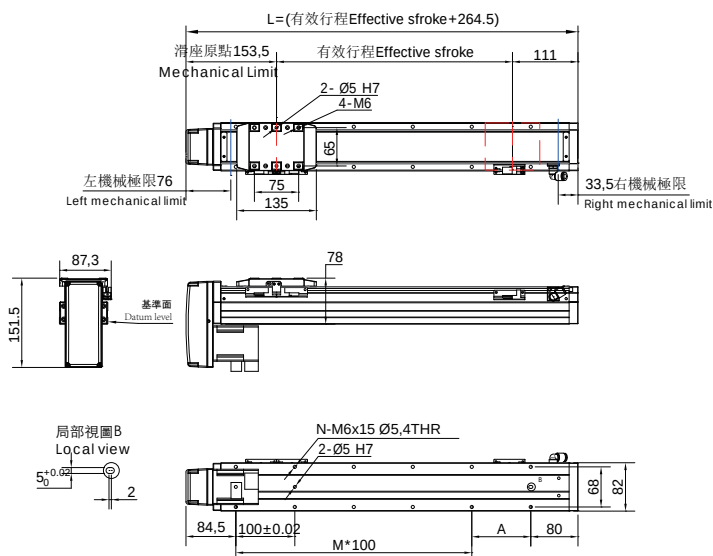
# M4



| 行程<br>Stroke | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750    | 800    | 850    | 900    | 950    | 1000   | 1050   |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 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 | 1314.5 |
| A            | 100   | 50    | 100   | 50    | 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      | 8      | 9      | 9      | 10     |
| N            | 4     | 6     | 6     | 8     | 8     | 10    | 10    | 12    | 12    | 14    | 14    | 16    | 16    | 18     | 18     | 20     | 20     | 22     | 22     | 24     |
| 質量(kg)       | 5.6   | 6.12  | 6.64  | 7.16  | 7.68  | 8.2   | 8.72  | 9.24  | 9.76  | 10.28 | 10.8  | 11.32 | 11.84 | 12.36  | 12.88  | 13.4   | 13.92  | 14.44  | 14.96  | 15.48  |

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# M6



| 行程<br>Stroke | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750    | 800    | 850    | 900    | 950    | 1000   | 1050   |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 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 | 1314.5 |
| A            | 100   | 50    | 100   | 50    | 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      | 8      | 9      | 9      | 10     |
| N            | 4     | 6     | 6     | 8     | 8     | 10    | 10    | 12    | 12    | 14    | 14    | 16    | 16    | 18     | 18     | 20     | 20     | 22     | 22     | 24     |
| 質量(kg)       | 5.6   | 6.12  | 6.64  | 7.16  | 7.68  | 8.2   | 8.72  | 9.24  | 9.76  | 10.28 | 10.8  | 11.32 | 11.84 | 12.36  | 12.88  | 13.4   | 13.92  | 14.44  | 14.96  | 15.48  |

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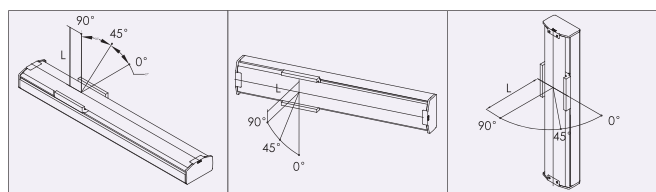
## CNK12-L10-S100- M2- M400W -B - 3 A

| 型號        | 導程   | 行程                                | 馬達方向            | 馬達廠牌及出力                | 剎車                            | 光電位置                   | 光電類型                  |
|-----------|------|-----------------------------------|-----------------|------------------------|-------------------------------|------------------------|-----------------------|
| Model     | Lead | Stroke                            | Motor direction | Model brand and output | Brake                         | Photoelectric position | Type of photoelectric |
| M2 馬達外置   |      | Motor outside position            |                 | H 上銀 Hiwin             | 1 - 內置                        |                        | A - NPN               |
| M3 馬達外置右側 |      | Motor outside ,rightward position |                 | X 西門子 Siemens          | Inside                        |                        | C - PNP               |
| M4 馬達外置左側 |      | Motor outside , leftward position |                 | M 三菱 Mitsubishi        | 3 - 外置右側                      |                        |                       |
| M6 馬達外置下方 |      | Motor outside ,lower position     |                 | Y 安川 Yaskawa           | Outside Right                 |                        |                       |
|           |      |                                   |                 | P 松下 Panasonic         | 4 - 外置左側                      |                        |                       |
|           |      |                                   |                 | F 富士 Fuji              | Outside Left                  |                        |                       |
|           |      |                                   |                 | T 台達 Delta             | E / 空白 - 不含/無指定               |                        |                       |
|           |      |                                   |                 |                        | Blank - Excluding/Unspecified |                        |                       |

### CNK12規格表(CNK12 Specification)

|                               |                             |     |      |      |
|-------------------------------|-----------------------------|-----|------|------|
| 馬達出力<br>Step motor output     | 400W                        |     |      |      |
| 重複定位精度<br>Repeatability(mm)   | ±0.01                       |     |      |      |
| 滾珠絲桿外徑<br>B.S(Ø)              | Ø16                         |     |      |      |
| 滾珠螺桿導程<br>Lead(mm)            | 5                           | 10  | 20   | 32   |
| 最快速度<br>Maximun speed(mm/sec) | 250                         | 500 | 1000 | 1600 |
| 最大載重<br>Maximum payload(kg)   | 水平使用<br>(H)                 | 110 | 88   | 40   |
|                               | 垂直使用<br>(V)                 | 33  | 22   | 10   |
| 額定推力<br>Rated thrus(N)        | 954                         | 480 | 240  | 200  |
| 行程<br>Stroke(mm)              | 100-1250<br>50間隔 (interval) |     |      |      |

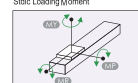
"此款型號不建議當多軸負載軸"  
This model suggest not be used as load axis of multi axes.



| 水平安裝應用: 單位Unit:mm<br>Horizontal use |               |      |      |      | 牆面安裝應用:單位Unit:mm<br>Wall installation use |               |     |      |      | 垂直安裝應用: 單位Unit:mm<br>During vertical use |               |      |      |
|-------------------------------------|---------------|------|------|------|-------------------------------------------|---------------|-----|------|------|------------------------------------------|---------------|------|------|
| 導程<br>Lead                          | 承重<br>Payload | 90°  | 45°  | 0°   | 導程<br>Lead                                | 承重<br>Payload | 90° | 45°  | 0°   | 導程<br>Lead                               | 承重<br>Payload | 90°  | 0°   |
| Lead 5                              | 60kg          | 2850 | 250  | 340  | Lead 5                                    | 55kg          | 280 | 280  | 3300 | Lead 5                                   | 15kg          | 1200 | 1200 |
|                                     | 80kg          | 2100 | 180  | 250  |                                           | 75kg          | 200 | 195  | 2400 |                                          | 22kg          | 820  | 820  |
|                                     | 110kg         | 1500 | 120  | 170  |                                           | 110kg         | 130 | 125  | 1550 |                                          | 33kg          | 550  | 550  |
| Lead 10                             | 30kg          | 2850 | 490  | 600  | Lead 10                                   | 35kg          | 400 | 420  | 2500 | Lead 10                                  | 10kg          | 1600 | 1600 |
|                                     | 50kg          | 1700 | 280  | 350  |                                           | 55kg          | 245 | 250  | 1550 |                                          | 14kg          | 1150 | 1150 |
|                                     | 88kg          | 950  | 140  | 190  |                                           | 88kg          | 150 | 150  | 950  |                                          | 22kg          | 730  | 730  |
| Lead 20                             | 10kg          | 3400 | 1250 | 1400 | Lead 20                                   | 12kg          | 900 | 1070 | 3000 | Lead 20                                  | 7kg           | 1800 | 1800 |
|                                     | 22kg          | 1650 | 550  | 620  |                                           | 20kg          | 550 | 630  | 1800 |                                          | 10kg          | 1250 | 1250 |
|                                     | 40kg          | 900  | 290  | 330  |                                           | 40kg          | 260 | 300  | 900  |                                          | -             | -    | -    |
| Lead 32                             | 15kg          | 1100 | 570  | 550  | Lead 32                                   | 15kg          | 440 | 570  | 1050 | Lead 32                                  | 5kg           | 1600 | 1600 |
|                                     | 25kg          | 620  | 330  | 320  |                                           | 30kg          | 210 | 270  | 520  |                                          | 8kg           | 1000 | 1000 |
|                                     | 30kg          | 520  | 270  | 260  |                                           | -             | -   | -    | -    |                                          | -             | -    | -    |

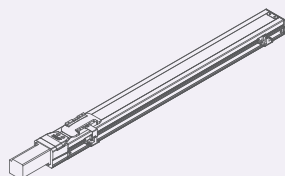
\*滑塊表面中心到搬送物重心的距離(僅供參考)  
Distance center of slider top to center of gravity of object being transported (For reference only)

靜態容許負載力矩  
Static Loading Moment

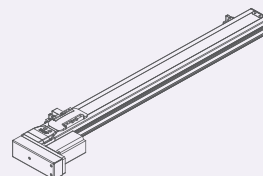


(單位:N.m) (Unit:N.m)  
水平使用時 Static Loading Moment

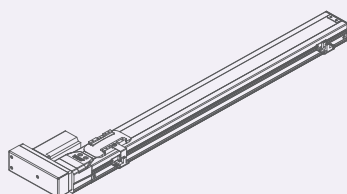
|    |      |
|----|------|
| MY | 606  |
| MP | 606  |
| MR | 1168 |



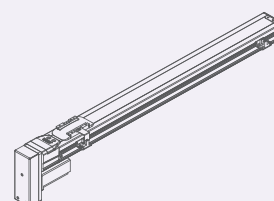
M2



M3

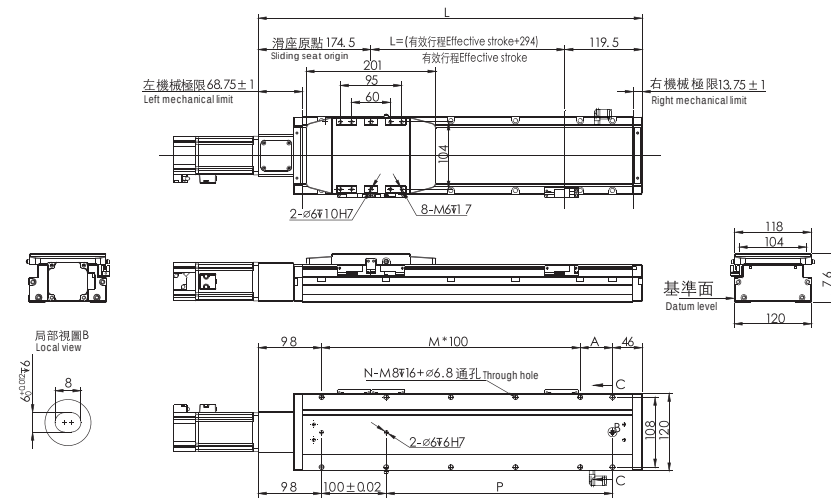


M4



M6

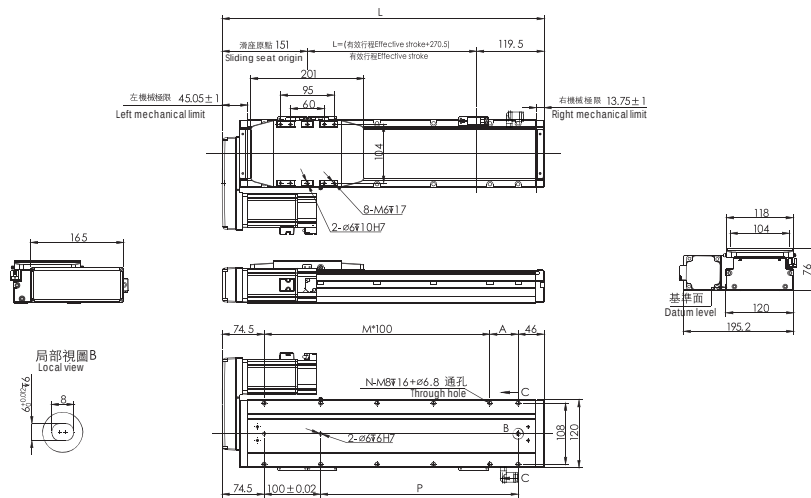
# M2



| 行程<br>Stroke | 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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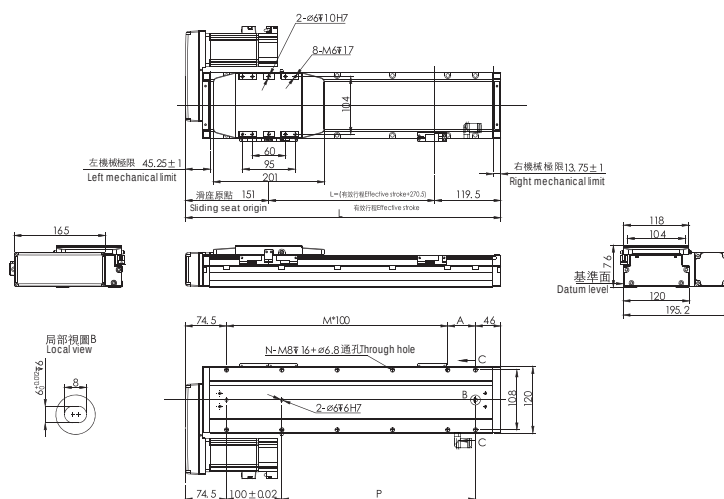
# M3



| 行程<br>Stroke | 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            | 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 | 1070.5 | 1120.5 | 1170.5 | 1220.5 | 1270.5 | 1320.5 | 1370.5 | 1420.5 | 1470.5 | 1520.5 |
| 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    | 1050   | 1050   | 1100   | 1150   | 1200   | 1250   | 1300   |
| 重量 (kg)      | 5.25  | 5.6   | 5.95  | 6.3   | 6.65  | 7     | 7.35  | 7.7   | 8.05  | 8.4   | 8.75  | 9.1   | 9.45  | 9.8   | 10.15  | 10.85  | 11.2   | 11.55  | 11.9   | 12.25  | 12.6   | 12.95  | 13.3   | 13.65  | 14     |

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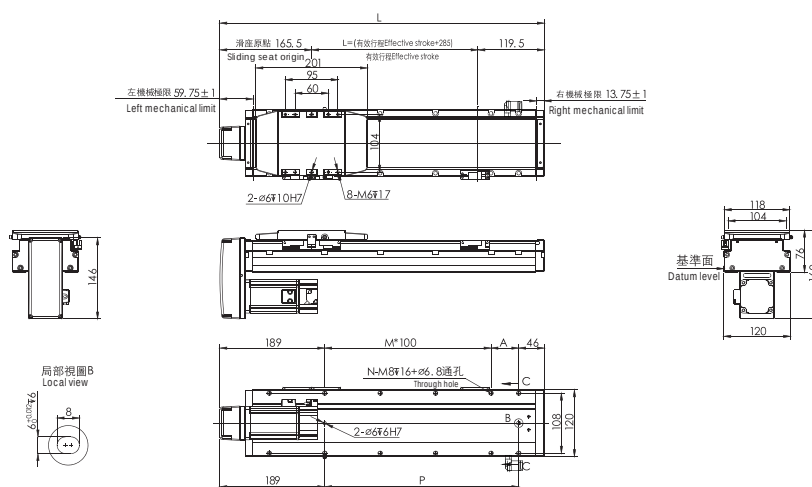
## M4



| 行程<br>Stroke | 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            | 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 | 1070.5 | 1120.5 | 1170.5 | 1220.5 | 1270.5 | 1320.5 | 1370.5 | 1420.5 | 1470.5 | 1520.5 |
| 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    | 1050   | 1050   | 1100   | 1150   | 1200   | 1250   | 1300   |
| 重量<br>(kg)   | 5.25  | 5.6   | 5.95  | 6.3   | 6.65  | 7     | 7.35  | 7.7   | 8.05  | 8.4   | 8.75  | 9.1   | 9.45  | 9.8   | 10.15  | 10.85  | 11.2   | 11.55  | 11.9   | 12.25  | 12.6   | 12.95  | 13.3   | 13.65  | 14     |

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## M6



| 行程<br>Stroke | 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            | 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 | 1070.5 | 1120.5 | 1170.5 | 1220.5 | 1270.5 | 1320.5 | 1370.5 | 1420.5 | 1470.5 | 1520.5 |
| 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    | 1050   | 1050   | 1100   | 1150   | 1200   | 1250   | 1300   |
| 重量<br>(kg)   | 5.25  | 5.6   | 5.95  | 6.3   | 6.65  | 7     | 7.35  | 7.7   | 8.05  | 8.4   | 8.75  | 9.1   | 9.45  | 9.8   | 10.15  | 10.85  | 11.2   | 11.55  | 11.9   | 12.25  | 12.6   | 12.95  | 13.3   | 13.65  | 14     |

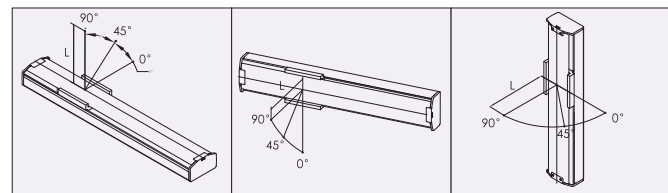
※本公司享有變更規格之權益，恕不另行通知 ※Drawings and specifications are subject to change without prior notice.

# CNK15-L10-S100- M2- M750W -B - 3 A

| 型號        | 導程   | 行程                                | 馬達方向            | 馬達廠牌及出力                | 剎車                            | 光電位置                   | 光電類型                  |
|-----------|------|-----------------------------------|-----------------|------------------------|-------------------------------|------------------------|-----------------------|
| Model     | Lead | Stroke                            | Motor direction | Model brand and output | Brake                         | Photoelectric position | Type of photoelectric |
| M2 馬達外置   |      | Motor outside position            |                 | H 上銀 Hiwin             | 3 - 外置右側                      |                        | A - NPN               |
| M3 馬達外置右側 |      | Motor outside ,rightward position |                 | X 西門子 Siemens          | Outside Right                 |                        | C - PNP               |
| M4 馬達外置左側 |      | Motor outside , leftward position |                 | M 三菱 Mitsubishi        | 4 - 外置左側                      |                        |                       |
| M6 馬達外置下方 |      | Motor outside ,lower position     |                 | Y 安川 Yaskawa           | Outside Left                  |                        |                       |
|           |      |                                   |                 | P 松下 Panasonic         | E / 空白 - 不含 / 無指定             |                        |                       |
|           |      |                                   |                 | F 富士 Fuji              | Blank - Excluding/Unspecified |                        |                       |
|           |      |                                   |                 | T 台達 Delta             |                               |                        |                       |

## CNK15 規格表(CNK15 Specification)

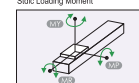
|                               |                            |      |      |      |
|-------------------------------|----------------------------|------|------|------|
| 馬達出力<br>Step motor output     | 750W                       |      |      |      |
| 重複定位精度<br>Repeatability(mm)   | ±0.01                      |      |      |      |
| 滾珠絲桿外徑<br>B.S(Ø)              | Ø20                        |      |      |      |
| 滾珠螺桿導程<br>Lead(mm)            | 5                          | 10   | 20   | 40   |
| 最快速度<br>Maximun speed(mm/sec) | 250                        | 500  | 1000 | 2000 |
| 最大載重<br>Maximun payload(kg)   | 水平使用<br>(H)                | 120  | 120  | 83   |
|                               | 垂直使用<br>(V)                | 50   | 40   | 25   |
| 額定推力<br>Rated thrus(N)        | 2563                       | 1281 | 640  | 320  |
| 行程<br>Stroke(mm)              | 50-1200<br>50間隔 (interval) |      |      |      |



| 水平安裝應用: 單位Unit:mm<br>Horizontal use |               |      |     |     | 牆面安裝應用:單位Unit:mm<br>Wall installation use |               |     |     |      | 垂直安裝應用: 單位Unit:mm<br>During vertical use |               |      |      |    |
|-------------------------------------|---------------|------|-----|-----|-------------------------------------------|---------------|-----|-----|------|------------------------------------------|---------------|------|------|----|
| 導程<br>Lead                          | 承重<br>Payload | 90°  | 45° | 0°  | 導程<br>Lead                                | 承重<br>Payload | 90° | 45° | 0°   | 導程<br>Lead                               | 承重<br>Payload | 90°  | 45°  | 0° |
| Lead 5                              | 70kg          | 1890 | 329 | 380 | Lead 5                                    | 70kg          | 226 | 223 | 1920 | Lead 5                                   | 70kg          | 1168 | 1168 | -  |
|                                     | 90kg          | 1637 | 233 | 302 |                                           | 90kg          | 251 | 253 | 1707 |                                          | 90kg          | 811  | 811  | -  |
|                                     | 120kg         | 1120 | 140 | 210 |                                           | 120kg         | 180 | 160 | 1210 |                                          | 120kg         | 510  | 510  | -  |
| Lead 10                             | 65kg          | 1611 | 318 | 353 | Lead 10                                   | 65kg          | 286 | 338 | 1760 | Lead 10                                  | 65kg          | 1311 | 1311 | -  |
|                                     | 85kg          | 1180 | 232 | 236 |                                           | 85kg          | 198 | 252 | 1330 |                                          | 85kg          | 750  | 750  | -  |
|                                     | 120kg         | 680  | 154 | 162 |                                           | 120kg         | 136 | 174 | 750  |                                          | 120kg         | 507  | 507  | -  |
| Lead 20                             | 35kg          | 1150 | 392 | 518 | Lead 20                                   | 35kg          | 410 | 422 | 1260 | Lead 20                                  | 35kg          | 1602 | 1602 | -  |
|                                     | 55kg          | 713  | 235 | 308 |                                           | 55kg          | 250 | 265 | 803  |                                          | 55kg          | 987  | 987  | -  |
|                                     | 83kg          | 470  | 190 | 204 |                                           | 83kg          | 162 | 721 | 810  |                                          | 83kg          | 620  | 620  | -  |
| Lead 40                             | 15kg          | 760  | 680 | 538 | Lead 40                                   | 15kg          | 450 | 721 | 810  | Lead 40                                  | 15kg          | 1100 | 1100 | -  |
|                                     | 22kg          | 500  | 396 | 320 |                                           | 22kg          | 266 | 421 | 530  |                                          | 22kg          | 620  | 620  | -  |
|                                     | 43kg          | 360  | 231 | 210 |                                           | 43kg          | 172 | 251 | 280  |                                          | 43kg          | -    | -    | -  |

\*淨環境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)

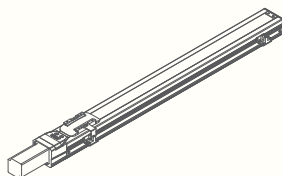
靜態負荷力矩  
Static Loading Moment



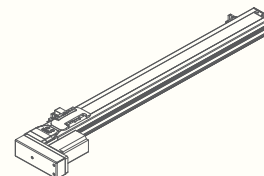
(單位:N.m) (Unit:N.m)  
水平使用時  
Static Loading Moment

|    |      |
|----|------|
| MY | 886  |
| MP | 826  |
| MR | 1500 |

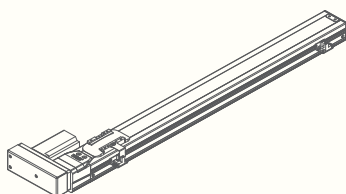
"此款型號不建議當多軸負載軸"  
This model suggest not be used as load axis of multi axes.



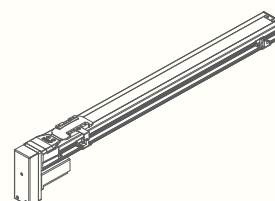
M2



M3

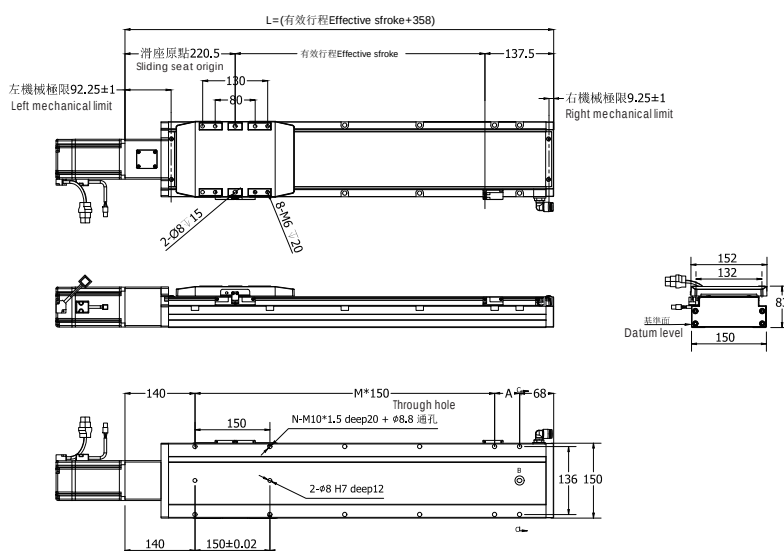


M4



M6

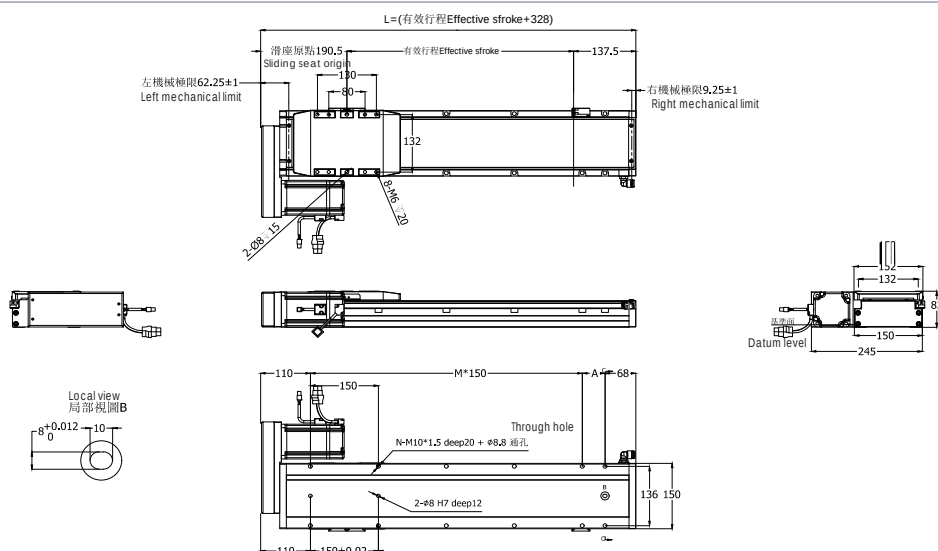
## M2



| 行程<br>Stroke | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1050  | 1100  | 1150  | 1200  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L            | 458   | 508   | 558   | 608   | 658   | 708   | 758   | 808   | 858   | 908   | 958   | 1008  | 1058  | 1108  | 1158  | 1208  | 1258  | 1308  | 1358  | 1408  | 1458  | 1508  | 1558  |
| A            | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   |
| M            | 1     | 1     | 2     | 2     | 2     | 3     | 3     | 3     | 4     | 4     | 4     | 5     | 5     | 5     | 6     | 6     | 6     | 7     | 7     | 7     | 8     | 8     | 8     |
| N            | 6     | 6     | 8     | 8     | 8     | 10    | 10    | 10    | 12    | 12    | 12    | 14    | 14    | 14    | 16    | 16    | 16    | 18    | 18    | 18    | 20    | 20    | 20    |
| 重量<br>(kg)   | 10.02 | 10.79 | 11.57 | 12.34 | 13.11 | 13.88 | 14.65 | 15.42 | 16.19 | 16.96 | 17.73 | 18.50 | 19.28 | 20.05 | 20.82 | 21.59 | 22.36 | 23.13 | 23.90 | 24.67 | 25.44 | 26.21 | 26.98 |

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## M3

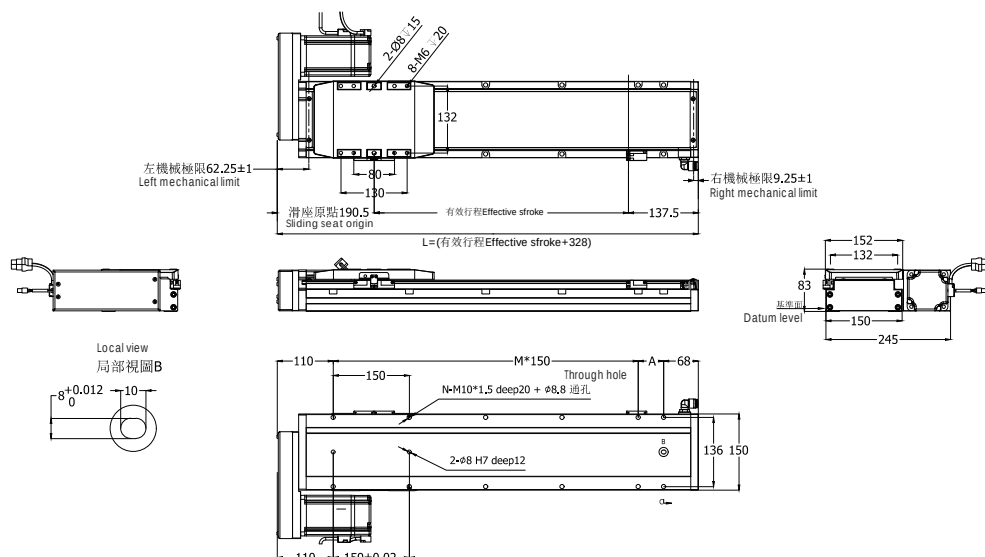


| 行程<br>Stroke | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1050  | 1100  | 1150  | 1200  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L            | 428   | 478   | 528   | 578   | 628   | 678   | 728   | 778   | 828   | 878   | 928   | 978   | 1028  | 1078  | 1128  | 1178  | 1228  | 1278  | 1328  | 1378  | 1428  | 1478  | 1528  |
| A            | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   |
| M            | 1     | 1     | 2     | 2     | 2     | 3     | 3     | 3     | 4     | 4     | 4     | 5     | 5     | 5     | 6     | 6     | 6     | 7     | 7     | 7     | 8     | 8     | 8     |
| N            | 6     | 6     | 8     | 8     | 8     | 10    | 10    | 10    | 12    | 12    | 12    | 14    | 14    | 14    | 16    | 16    | 16    | 18    | 18    | 18    | 20    | 20    | 20    |
| 重量<br>(kg)   | 10.30 | 11.07 | 11.84 | 12.61 | 13.38 | 14.15 | 14.92 | 15.69 | 16.47 | 17.24 | 18.01 | 18.78 | 19.55 | 20.32 | 21.09 | 21.86 | 22.63 | 23.40 | 24.18 | 24.95 | 25.72 | 26.49 | 27.26 |

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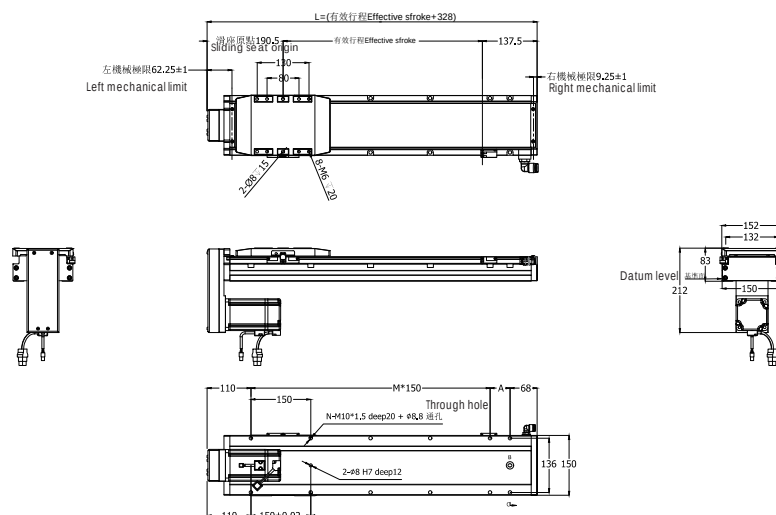
## M4



| 行程<br>Stroke | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1050  | 1100  | 1150  | 1200  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L            | 428   | 478   | 528   | 578   | 628   | 678   | 728   | 778   | 828   | 878   | 928   | 978   | 1028  | 1078  | 1128  | 1178  | 1228  | 1278  | 1328  | 1378  | 1428  | 1478  | 1528  |
| A            | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   |
| M            | 1     | 1     | 2     | 2     | 2     | 3     | 3     | 3     | 4     | 4     | 4     | 5     | 5     | 5     | 6     | 6     | 6     | 7     | 7     | 7     | 8     | 8     | 8     |
| N            | 6     | 6     | 8     | 8     | 8     | 10    | 10    | 10    | 12    | 12    | 12    | 14    | 14    | 14    | 16    | 16    | 16    | 18    | 18    | 18    | 20    | 20    | 20    |
| 重量<br>(kg)   | 10.30 | 11.07 | 11.84 | 12.61 | 13.38 | 14.15 | 14.92 | 15.69 | 16.47 | 17.24 | 18.01 | 18.78 | 19.55 | 20.32 | 21.09 | 21.86 | 22.63 | 23.40 | 24.18 | 24.95 | 25.72 | 26.49 | 27.26 |

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## M6



| 行程<br>Stroke | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1050  | 1100  | 1150  | 1200  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L            | 428   | 478   | 528   | 578   | 628   | 678   | 728   | 778   | 828   | 878   | 928   | 978   | 1028  | 1078  | 1128  | 1178  | 1228  | 1278  | 1328  | 1378  | 1428  | 1478  | 1528  |
| A            | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   | 50    | 100   | 150   |
| M            | 1     | 1     | 2     | 2     | 2     | 3     | 3     | 3     | 4     | 4     | 4     | 5     | 5     | 5     | 6     | 6     | 6     | 7     | 7     | 7     | 8     | 8     | 8     |
| N            | 6     | 6     | 8     | 8     | 8     | 10    | 10    | 10    | 12    | 12    | 12    | 14    | 14    | 14    | 16    | 16    | 16    | 18    | 18    | 18    | 20    | 20    | 20    |
| 重量<br>(kg)   | 10.30 | 11.07 | 11.84 | 12.61 | 13.38 | 14.15 | 14.92 | 15.69 | 16.47 | 17.24 | 18.01 | 18.78 | 19.55 | 20.32 | 21.09 | 21.86 | 22.63 | 23.40 | 24.18 | 24.95 | 25.72 | 26.49 | 27.26 |

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