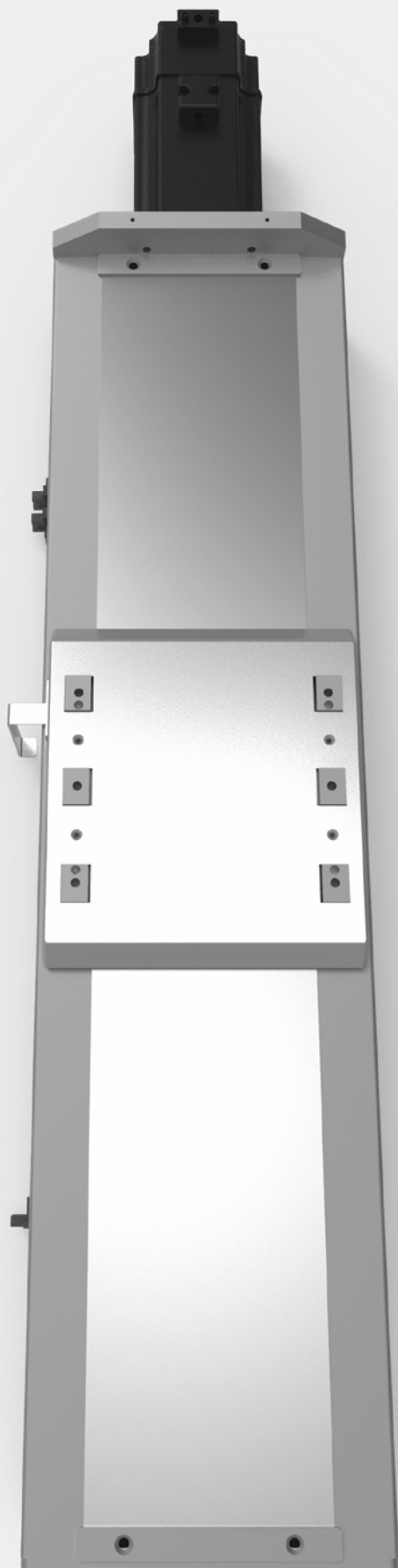


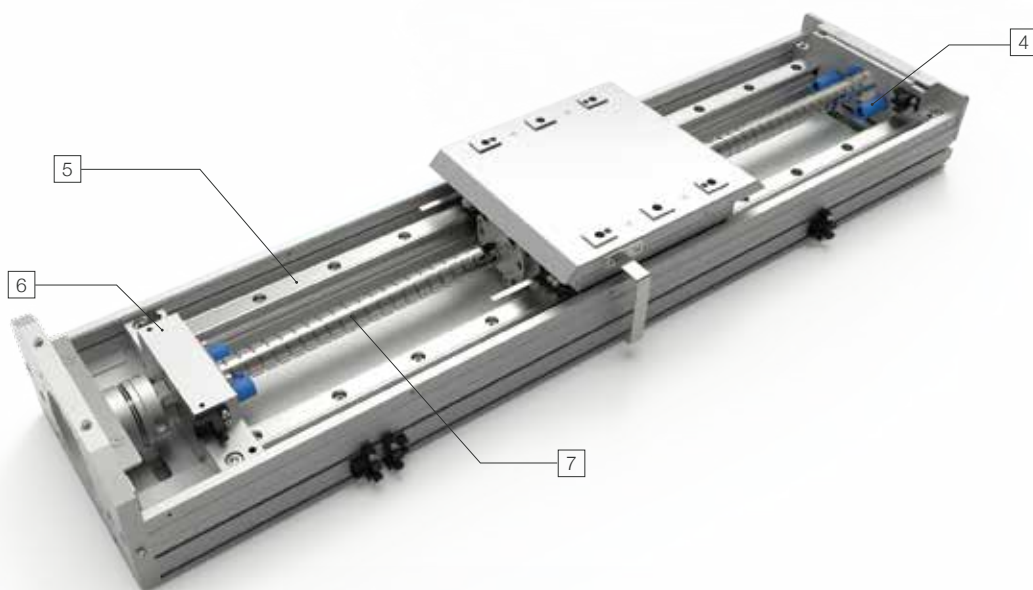


# 日規全密式螺杆 直線電缸滑台

JP. SEALED SPINDLE AXES  
LINEAR ACTUATORS

# 產品結構分析

## PRODUCT STRUCTURE



- |       |        |        |        |
|-------|--------|--------|--------|
| 1 滑動座 | 3 底座   | 5 線性滑軌 | 7 滾珠螺桿 |
| 2 馬達板 | 4 機械檔塊 | 6 固定座  |        |

以上負載力矩曲線, 客戶選用之負載需在我司產品最大負載範圍內 Above load torque curve, the loading should be within the maximum load range

|                               |
|-------------------------------|
| 日規電缸滑台                        |
| JP linear actuator            |
| 歐規電缸滑台                        |
| EU linear actuator            |
| 超長型電缸滑台                       |
| Super length linear actuator  |
| 活塞杆電動缸                        |
| Cylinder actuator             |
| 旋轉台                           |
| Rotary stage                  |
| 精密對位平台                        |
| Precision alignment stage     |
| 減速機                           |
| Gear reducer                  |
| 十字轉向器                         |
| Bevel gearbox                 |
| 半密螺桿                          |
| Semi sealed spindle axis      |
| 全密螺桿                          |
| Sealed spindle axis           |
| 半密同步帶                         |
| Semi sealed toothed belt axis |
| 全密同步帶                         |
| Sealed toothed belt axis      |

SW

32  
45  
65  
70  
100  
134  
178  
202

產品規格索引

PRODUCT INDEX

| 日規電缸滑台<br>JP linear actuator            | 尺寸<br>Size                  | 滑塊數量<br>Number of Slides | 馬達 Motor Spec              |                            | 螺桿規格 (C7/C5級) Ball Screw Spec |                      |                  | 最高速度<br>Max Speed (mm/s) | 最大負載 Maximum Load (Kg) |                |    |
|-----------------------------------------|-----------------------------|--------------------------|----------------------------|----------------------------|-------------------------------|----------------------|------------------|--------------------------|------------------------|----------------|----|
| 功率<br>Motor Power (W)                   |                             |                          | 額定扭矩<br>Nominal Thrust (N) | 重複精度<br>Rep. Accuracy (mm) | 直徑<br>Screw Diameter (mm)     | 導程<br>Pitch (mm)     | 水平<br>Horizontal |                          | 側掛<br>Sidehang         | 垂直<br>Vertical |    |
|                                         |                             |                          |                            |                            |                               |                      |                  |                          |                        |                |    |
| 歐規電缸滑台<br>EU linear actuator            | 32                          | 1P                       | 28步進                       | 0.9                        | ±0.01 / ±0.005                | 08                   | 02               | 40                       | 3                      | 2              | 1  |
| 超長型電缸滑台<br>Super length linear actuator |                             |                          |                            |                            |                               |                      | 06               | 120                      | 3                      | 2              | 1  |
| 活塞杆電動缸<br>Cylinder actuator             | 45                          | 1P                       | 50<br>/<br>100             | 0.16<br>/<br>0.32          | ±0.01 / ±0.005                | 12                   | 05               | 250                      | 8                      | 5              | 2  |
| 旋轉台<br>Rotary stage                     |                             |                          |                            |                            |                               |                      | 10               | 500                      | 5                      | 3              | 1  |
| 精密對位平台<br>Precision alignment stage     | 65                          | 1P                       | 200                        | 0.64                       | ±0.01 / ±0.005                | 12                   | 05               | 250                      | 12                     | 8              | 5  |
| 減速機<br>Gear reducer                     |                             |                          |                            |                            |                               |                      | 10               | 500                      | 12                     | 8              | 5  |
| 十字轉向器<br>Bevel gearbox                  | 70                          | 1P                       | 200<br>/<br>400            | 0.64<br>/<br>1.27          | ±0.01<br>/<br>±0.005          | 16                   | 05               | 250                      | 13                     | 8              | 6  |
| 半密螺桿<br>Semi sealed spindle axes        |                             |                          |                            |                            |                               |                      | 10               | 500                      | 13                     | 8              | 6  |
|                                         |                             |                          |                            |                            |                               |                      | 20               | 1000                     | 10                     | 6              | 4  |
|                                         |                             | 2P                       |                            |                            |                               | 05                   | 250              | 20                       | 12                     | 8              |    |
|                                         |                             |                          |                            |                            |                               | 10                   | 500              | 20                       | 12                     | 8              |    |
|                                         |                             |                          |                            |                            |                               | 20                   | 1000             | 15                       | 8                      | 5              |    |
|                                         | 全密螺桿<br>Sealed spindle axes | 100                      | 1P                         | 200<br>/<br>400            | 0.64<br>/<br>1.27             | ±0.01<br>/<br>±0.005 | 16               | 05                       | 250                    | 20             | 10 |
| 10                                      | 500                         |                          |                            |                            |                               |                      |                  | 20                       | 10                     | 7              |    |
| 20                                      | 1000                        |                          |                            |                            |                               |                      |                  | 10                       | 6                      | 4              |    |
| 半密同步帶<br>Semi sealed toothed belt axes  | 2P                          |                          | 16                         |                            |                               |                      | 05               | 250                      | 30                     | 15             | 10 |
| 10                                      |                             |                          |                            |                            |                               |                      | 500              | 30                       | 15                     | 10             |    |
| 20                                      |                             |                          |                            |                            |                               |                      | 1000             | 15                       | 8                      | 5              |    |
| 全密同步帶<br>Sealed toothed belt axes       | 134                         | 2P                       | 400                        | 1.27                       | ±0.01<br>/<br>±0.005          | 16                   | 05               | 250                      | 55                     | 30             | 15 |
| 10                                      |                             |                          |                            |                            |                               |                      | 500              | 50                       | 25                     | 10             |    |
| 20                                      |                             |                          |                            |                            |                               |                      | 1000             | 20                       | 10                     | 5              |    |
| 20                                      |                             |                          |                            |                            |                               | 05                   | 250              | 55                       | 30                     | 15             |    |
|                                         |                             |                          |                            |                            |                               | 10                   | 500              | 50                       | 25                     | 10             |    |
|                                         |                             |                          |                            |                            |                               | 20                   | 1000             | 25                       | 15                     | 8              |    |
| 4P                                      |                             | 16                       |                            |                            |                               | 40                   | 2000             | 20                       | 10                     | 5              |    |
|                                         |                             |                          |                            |                            |                               | 05                   | 250              | 85                       | 40                     | 20             |    |
|                                         |                             |                          |                            |                            |                               | 10                   | 500              | 70                       | 35                     | 15             |    |
|                                         |                             | 20                       |                            |                            |                               | 1000                 | 30               | 15                       | 8                      |                |    |
|                                         |                             | 20                       |                            |                            |                               | 05                   | 250              | 85                       | 40                     | 20             |    |
| 10                                      |                             |                          |                            |                            |                               | 500                  | 70               | 35                       | 15                     |                |    |
| 20                                      |                             |                          |                            |                            |                               | 1000                 | 40               | 20                       | 10                     |                |    |
| 40                                      |                             | 2000                     |                            |                            |                               | 30                   | 15               | 8                        |                        |                |    |
| 178                                     | 4P                          | 750                      | 2.39                       | ±0.01<br>/<br>±0.005       | 16                            | 05                   | 250              | 120                      | 80                     | 50             |    |
|                                         |                             |                          |                            |                            |                               | 10                   | 500              | 100                      | 70                     | 40             |    |
|                                         |                             |                          |                            |                            |                               | 20                   | 1000             | 40                       | 30                     | 20             |    |
|                                         |                             |                          |                            |                            | 20                            | 05                   | 250              | 120                      | 80                     | 50             |    |
|                                         |                             |                          |                            |                            |                               | 10                   | 500              | 100                      | 70                     | 40             |    |
|                                         |                             |                          |                            |                            |                               | 20                   | 1000             | 70                       | 40                     | 30             |    |
|                                         |                             |                          |                            |                            | 25                            | 40                   | 2000             | 40                       | 30                     | 20             |    |
|                                         |                             |                          |                            |                            |                               | 05                   | 250              | 120                      | 80                     | 50             |    |
|                                         |                             |                          |                            |                            |                               | 10                   | 500              | 100                      | 70                     | 40             |    |
|                                         |                             |                          |                            |                            |                               | 25                   | 1250             | 70                       | 40                     | 30             |    |
| 202                                     | 4P                          | 750                      | 2.39                       | ±0.01<br>/<br>±0.005       | 25                            | 05                   | 250              | 140                      | 100                    | 70             |    |
|                                         |                             |                          |                            |                            |                               | 10                   | 500              | 120                      | 80                     | 60             |    |
|                                         |                             |                          |                            |                            |                               | 25                   | 1250             | 75                       | 50                     | 30             |    |
|                                         |                             |                          |                            |                            | 32                            | 05                   | 250              | 140                      | 100                    | 70             |    |
|                                         |                             |                          |                            |                            |                               | 10                   | 500              | 120                      | 80                     | 60             |    |
|                                         |                             |                          |                            |                            |                               | 20                   | 1000             | 75                       | 60                     | 30             |    |
|                                         |                             |                          |                            |                            |                               | 32                   | 2500             | 50                       | 40                     | 20             |    |

SW

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SW

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| 100 |
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| 202 |

| 標準行程及電缸最高速度 Stroke (mm) & Maximum Speed (mm/s) |  |      |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 頁數<br>Page |
|------------------------------------------------|--|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
|                                                |  | 50   | 100 | 200 | 300 | 400 | 500 | 600 | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 |            |
|                                                |  | 30   |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1-40       |
|                                                |  | 90   |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 224  |      |      |      |      |      |      |      |      |      |      |      |      |      | 1-43       |
|                                                |  | 500  |     |     |     |     |     |     | 448  |      |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 211  |      |      |      |      |      |      |      |      |      |      |      |      |      | 1-46       |
|                                                |  | 500  |     |     |     |     |     |     | 418  |      |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 202  | 163  | 135  | 113  |      |      |      |      |      |      |      |      |      |      | 1-49       |
|                                                |  | 500  |     |     |     |     |     |     | 404  | 327  | 270  | 226  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 808  | 653  | 539  | 453  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 227  | 181  | 148  | 123  | 104  |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 500  |     |     |     |     |     |     | 453  | 362  | 296  | 247  | 208  |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 907  | 725  | 592  | 493  | 417  |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 249  | 197  | 159  | 132  | 111  |      |      |      |      |      |      |      |      |      | 1-54       |
|                                                |  | 500  |     |     |     |     |     |     | 497  | 393  | 319  | 264  | 222  |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 994  | 787  | 638  | 528  | 444  |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 234  | 187  | 152  | 126  | 107  |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 500  |     |     |     |     |     |     | 469  | 373  | 304  | 253  | 213  |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 937  | 747  | 608  | 505  | 427  |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 244  | 194  | 157  |      |      |      |      |      |      |      |      |      |      |      | 1-59       |
|                                                |  | 500  |     |     |     |     |     |     | 489  | 387  | 315  |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 977  | 775  | 629  |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 215  | 178  | 150  | 128  | 110  | 96   | 85   | 75   |      |      |      |      |      |      |            |
|                                                |  | 500  |     |     |     |     |     |     | 430  | 356  | 300  | 256  | 221  | 193  | 169  | 150  |      |      |      |      |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 860  | 712  | 600  | 512  | 442  | 385  | 339  | 301  |      |      |      |      |      |      |            |
|                                                |  | 2000 |     |     |     |     |     |     | 1720 | 1425 | 1199 | 1023 | 884  | 771  | 678  | 601  |      |      |      |      |      |      | 1-64       |
|                                                |  | 250  |     |     |     |     |     |     | 217  | 174  | 143  |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 500  |     |     |     |     |     |     | 434  | 348  | 286  |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 867  | 696  | 571  |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 238  | 195  | 163  | 138  | 119  | 103  | 90   | 80   | 71   |      |      |      |      |      |            |
|                                                |  | 500  |     |     |     |     |     |     | 476  | 390  | 326  | 277  | 237  | 206  | 181  | 159  | 142  |      |      |      |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 952  | 781  | 652  | 553  | 475  | 412  | 361  | 319  | 284  |      |      |      |      |      | 1-67       |
|                                                |  | 2000 |     |     |     |     |     |     | 1904 | 1562 | 1305 | 1106 | 950  | 824  | 722  | 638  | 567  |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 206  | 166  | 137  |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 500  |     |     |     |     |     |     | 411  | 332  | 274  |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 823  | 664  | 547  |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 227  | 187  | 157  | 133  | 115  | 100  | 88   | 78   | 69   |      |      |      |      |      |            |
|                                                |  | 500  |     |     |     |     |     |     | 454  | 374  | 314  | 267  | 230  | 200  | 175  | 155  | 138  |      |      |      |      |      | 1-67       |
|                                                |  | 1000 |     |     |     |     |     |     | 908  | 748  | 627  | 533  | 459  | 399  | 351  | 310  | 276  |      |      |      |      |      |            |
|                                                |  | 2000 |     |     |     |     |     |     | 1816 | 1496 | 1255 | 1067 | 918  | 799  | 701  | 620  | 553  |      |      |      |      |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 235  | 197  | 168  | 144  | 126  | 110  | 98   | 87   | 78   | 70   | 64   | 58   | 53   |      |            |
|                                                |  | 500  |     |     |     |     |     |     | 470  | 394  | 335  | 289  | 251  | 220  | 195  | 174  | 156  | 141  | 127  | 116  | 106  |      |            |
|                                                |  | 1250 |     |     |     |     |     |     | 1179 | 986  | 838  | 722  | 628  | 551  | 488  | 434  | 390  | 351  | 318  | 290  | 265  |      |            |
|                                                |  | 250  |     |     |     |     |     |     | 249  | 208  | 176  | 151  | 131  | 114  | 101  | 90   | 80   | 72   | 66   | 60   | 54   | 50   | 1-67       |
|                                                |  | 500  |     |     |     |     |     |     | 497  | 415  | 352  | 302  | 262  | 229  | 202  | 180  | 161  | 145  | 131  | 119  | 109  | 100  |            |
|                                                |  | 1250 |     |     |     |     |     |     | 1244 | 1038 | 879  | 754  | 654  | 572  | 505  | 449  | 402  | 362  | 328  | 298  | 272  | 250  |            |
|                                                |  | 250  |     |     |     |     |     |     | 218  | 187  | 162  | 142  | 125  | 111  | 100  | 90   | 81   | 74   | 67   | 62   |      |      |            |
|                                                |  | 500  |     |     |     |     |     |     | 435  | 373  | 323  | 283  | 250  | 222  | 199  | 178  | 162  | 147  | 135  | 123  |      |      |            |
|                                                |  | 1000 |     |     |     |     |     |     | 869  | 746  | 647  | 566  | 500  | 444  | 398  | 358  | 324  | 295  | 269  | 247  |      |      |            |
|                                                |  | 1600 |     |     |     |     |     |     | 1391 | 1193 | 1035 | 906  | 800  | 711  | 637  | 573  | 519  | 472  | 431  | 395  |      |      |            |

|                                         |
|-----------------------------------------|
| 日規電缸滑台<br>JP linear actuator            |
| 歐規電缸滑台<br>EU linear actuator            |
| 超長型電缸滑台<br>Super length linear actuator |
| 活塞杆電動缸<br>Cylinder actuator             |
| 旋轉台<br>Rotary stage                     |
| 精密對位平台<br>Precision alignment stage     |
| 減速機<br>Gear reducer                     |
| 十字轉向器<br>Bevel gearbox                  |

|                                        |
|----------------------------------------|
| 半密螺桿<br>Semi sealed spindle axes       |
| 全密螺桿<br>Sealed spindle axes            |
| 半密同步帶<br>Semi sealed toothed belt axes |
| 全密同步帶<br>Sealed toothed belt axes      |

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| SW  |
| 32  |
| 45  |
| 65  |
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| 100 |
| 134 |
| 178 |
| 202 |

產品規格索引

PRODUCT INDEX

| 日規電缸滑台<br>JP linear actuator            | 尺寸<br>Size | 滑塊數量<br>Number of Slides | 馬達 Motor Spec         |                            | 螺桿規格 (C7/C5級) Ball Screw Spec |                           |                  | 最高速度<br>Max Speed (mm/s) | 最大負載 Maximum Load (Kg) |                |                |
|-----------------------------------------|------------|--------------------------|-----------------------|----------------------------|-------------------------------|---------------------------|------------------|--------------------------|------------------------|----------------|----------------|
| 歐規電缸滑台<br>EU linear actuator            |            |                          | 功率<br>Motor Power (W) | 額定扭矩<br>Nominal Thrust (N) | 重複精度<br>Rep. Accuracy (mm)    | 直徑<br>Screw Diameter (mm) | 導程<br>Pitch (mm) |                          | 水平<br>Horizontal       | 側掛<br>Sidehang | 垂直<br>Vertical |
| 超長型電缸滑台<br>Super length linear actuator | 70         | 1P                       | 200<br>/<br>400       | 0.64<br>/<br>1.27          | ±0.01<br>/<br>±0.005          | 16                        | 05               | 250                      | 13                     | 8              | 6              |
| 活塞杆電動缸<br>Cylinder actuator             |            |                          |                       |                            |                               |                           | 10               | 500                      | 13                     | 8              | 6              |
| 旋轉台<br>Rotary stage                     |            |                          |                       |                            |                               |                           | 20               | 1000                     | 10                     | 6              | 4              |
| 精密對位平台<br>Precision alignment stage     |            | 2P                       |                       |                            |                               | 16                        | 05               | 250                      | 20                     | 12             | 8              |
|                                         |            |                          |                       |                            |                               |                           | 10               | 500                      | 20                     | 12             | 8              |
|                                         |            |                          |                       |                            |                               |                           | 20               | 1000                     | 15                     | 8              | 5              |
| 減速機<br>Gear reducer                     | 100        | 1P                       | 200<br>/<br>400       | 0.64<br>/<br>1.27          | ±0.01<br>/<br>±0.005          | 16                        | 05               | 250                      | 20                     | 10             | 7              |
| 十字轉向器<br>Bevel gearbox                  |            |                          |                       |                            |                               |                           | 10               | 500                      | 20                     | 10             | 7              |
| 半密螺桿<br>Semi sealed spindle axes        |            |                          |                       |                            |                               |                           | 20               | 1000                     | 10                     | 6              | 4              |
| 全密螺桿<br>Sealed spindle axes             |            | 2P                       |                       |                            |                               | 16                        | 05               | 250                      | 30                     | 15             | 10             |
| 10                                      |            |                          |                       |                            |                               |                           | 500              | 30                       | 15                     | 10             |                |
| 半密同步帶<br>Semi sealed toothed belt axes  |            |                          |                       |                            |                               |                           | 20               | 1000                     | 15                     | 8              | 5              |
| 全密同步帶<br>Sealed toothed belt axes       | 134        | 2P                       | 400                   | 1.27                       | ±0.01<br>/<br>±0.005          | 16                        | 05               | 250                      | 55                     | 30             | 15             |
| 10                                      |            |                          |                       |                            |                               |                           | 500              | 50                       | 25                     | 10             |                |
| 20                                      |            |                          |                       |                            |                               |                           | 1000             | 20                       | 10                     | 5              |                |
| 20                                      |            |                          |                       |                            |                               | 05                        | 250              | 55                       | 30                     | 15             |                |
|                                         |            |                          |                       |                            |                               | 10                        | 500              | 50                       | 25                     | 10             |                |
|                                         |            |                          |                       |                            |                               | 20                        | 1000             | 25                       | 15                     | 8              |                |
| 4P                                      |            | 16                       |                       |                            |                               | 40                        | 2000             | 20                       | 10                     | 5              |                |
|                                         |            |                          |                       |                            |                               | 05                        | 250              | 85                       | 40                     | 20             |                |
|                                         |            |                          |                       |                            |                               | 10                        | 500              | 70                       | 35                     | 15             |                |
|                                         |            | 20                       |                       |                            |                               | 20                        | 1000             | 30                       | 15                     | 8              |                |
|                                         |            |                          |                       |                            |                               | 05                        | 250              | 85                       | 40                     | 20             |                |
|                                         |            |                          |                       |                            |                               | 10                        | 500              | 70                       | 35                     | 15             |                |
|                                         |            |                          |                       |                            |                               | 20                        | 1000             | 40                       | 20                     | 10             |                |
|                                         |            |                          |                       |                            |                               | 40                        | 2000             | 30                       | 15                     | 8              |                |
| 178                                     | 4P         | 750                      | 2.39                  | ±0.01<br>/<br>±0.005       | 16                            | 05                        | 250              | 120                      | 80                     | 50             |                |
|                                         |            |                          |                       |                            |                               | 10                        | 500              | 100                      | 70                     | 40             |                |
|                                         |            |                          |                       |                            |                               | 20                        | 1000             | 40                       | 30                     | 20             |                |
|                                         |            |                          |                       |                            | 20                            | 05                        | 250              | 120                      | 80                     | 50             |                |
|                                         |            |                          |                       |                            |                               | 10                        | 500              | 100                      | 70                     | 40             |                |
|                                         |            |                          |                       |                            |                               | 20                        | 1000             | 70                       | 40                     | 30             |                |
|                                         |            |                          |                       |                            |                               | 40                        | 2000             | 40                       | 30                     | 20             |                |
|                                         |            |                          |                       |                            | 25                            | 05                        | 250              | 120                      | 80                     | 50             |                |
|                                         |            |                          |                       |                            |                               | 10                        | 500              | 100                      | 70                     | 40             |                |
| 25                                      | 1250       | 70                       | 40                    | 30                         |                               |                           |                  |                          |                        |                |                |
| 202                                     | 4P         | 750                      | 2.39                  | ±0.01<br>/<br>±0.005       | 25                            | 05                        | 250              | 140                      | 100                    | 70             |                |
|                                         |            |                          |                       |                            |                               | 10                        | 500              | 120                      | 80                     | 60             |                |
|                                         |            |                          |                       |                            |                               | 25                        | 1250             | 75                       | 50                     | 30             |                |
|                                         |            |                          |                       |                            | 32                            | 05                        | 250              | 140                      | 100                    | 70             |                |
|                                         |            |                          |                       |                            |                               | 10                        | 500              | 120                      | 80                     | 60             |                |
|                                         |            |                          |                       |                            |                               | 20                        | 1000             | 75                       | 60                     | 30             |                |
|                                         |            |                          |                       |                            |                               | 32                        | 2500             | 50                       | 40                     | 20             |                |

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| 標準行程及電缸最高速度 Stroke (mm) & Maximum Speed (mm/s) |    |    |      |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 頁數<br>Page |
|------------------------------------------------|----|----|------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------|
| 20                                             | 30 | 50 | 100  | 200 | 300 | 400 | 500 | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 |            |
|                                                |    |    | 250  |     |     |     |     |      | 198  | 161  | 133  | 112  |      |      |      |      |      |      |      |      |      |      | 70         |
|                                                |    |    | 500  |     |     |     |     |      | 397  | 321  | 266  | 223  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     |      | 794  | 643  | 531  | 447  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     | 222  | 176  | 146  | 122  | 103  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 500  |     |     |     |     | 445  | 356  | 292  | 243  | 206  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     | 890  | 712  | 583  | 486  | 412  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     | 241  | 192  | 156  | 129  | 109  |      |      |      |      |      |      |      |      |      |      | 100        |
|                                                |    |    | 500  |     |     |     |     | 483  | 383  | 311  | 258  | 217  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     | 965  | 766  | 623  | 516  | 435  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     | 228  | 182  | 149  | 124  | 105  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 500  |     |     |     |     | 455  | 364  | 297  | 247  | 209  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     | 911  | 728  | 595  | 495  | 418  |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     | 242  | 192  | 156  |      |      |      |      |      |      |      |      |      |      |      |      | 134        |
|                                                |    |    | 500  |     |     |     |     | 483  | 384  | 312  |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     | 966  | 767  | 624  |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     |      | 213  | 177  | 149  | 127  | 110  | 96   | 84   | 75   |      |      |      |      |      |      |            |
|                                                |    |    | 500  |     |     |     |     |      | 426  | 353  | 298  | 254  | 219  | 192  | 169  | 149  |      |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     |      | 852  | 707  | 595  | 508  | 439  | 383  | 337  | 299  |      |      |      |      |      |      |            |
|                                                |    |    | 2000 |     |     |     |     |      | 1705 | 1413 | 1190 | 1016 | 878  | 766  | 674  | 598  |      |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     | 212  | 171  | 140  |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 500  |     |     |     |     | 424  | 341  | 281  |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     | 848  | 683  | 561  |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     |      | 233  | 192  | 160  | 136  | 117  | 102  | 89   | 79   | 70   |      |      |      |      |      |            |
|                                                |    |    | 500  |     |     |     |     |      | 467  | 384  | 321  | 272  | 234  | 203  | 178  | 158  | 140  |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     |      | 933  | 767  | 642  | 545  | 468  | 407  | 357  | 315  | 281  |      |      |      |      |      |            |
|                                                |    |    | 2000 |     |     |     |     |      | 1867 | 1534 | 1284 | 1090 | 937  | 814  | 713  | 631  | 561  |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     | 205  | 166  | 137  |      |      |      |      |      |      |      |      |      |      |      |      | 178        |
|                                                |    |    | 500  |     |     |     |     | 410  | 331  | 273  |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     | 821  | 663  | 546  |      |      |      |      |      |      |      |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     |      | 227  | 187  | 157  | 133  | 115  | 100  | 88   | 77   | 69   |      |      |      |      |      |            |
|                                                |    |    | 500  |     |     |     |     |      | 453  | 373  | 313  | 266  | 229  | 199  | 175  | 155  | 138  |      |      |      |      |      |            |
|                                                |    |    | 1000 |     |     |     |     |      | 906  | 747  | 626  | 533  | 459  | 399  | 350  | 310  | 276  |      |      |      |      |      |            |
|                                                |    |    | 2000 |     |     |     |     |      | 1812 | 1494 | 1252 | 1065 | 917  | 798  | 700  | 620  | 552  |      |      |      |      |      |            |
|                                                |    |    | 250  |     |     |     |     |      | 235  | 197  | 167  | 144  | 125  | 110  | 97   | 87   | 78   | 70   | 64   | 58   | 53   |      |            |
|                                                |    |    | 500  |     |     |     |     |      | 469  | 394  | 335  | 288  | 251  | 220  | 195  | 174  | 156  | 140  | 127  | 116  | 106  |      |            |
|                                                |    |    | 1250 |     |     |     |     |      | 1174 | 984  | 837  | 721  | 627  | 550  | 487  | 434  | 389  | 351  | 318  | 290  | 265  |      |            |
|                                                |    |    | 250  |     |     |     |     | 245  | 204  | 173  | 149  | 129  | 113  | 100  | 89   | 80   | 72   | 65   | 59   | 54   | 50   |      | 202        |
|                                                |    |    | 500  |     |     |     |     | 489  | 409  | 347  | 298  | 258  | 226  | 200  | 178  | 159  | 144  | 130  | 118  | 108  | 99   |      |            |
|                                                |    |    | 1250 |     |     |     |     | 1223 | 1022 | 866  | 744  | 646  | 566  | 500  | 445  | 398  | 359  | 325  | 296  | 270  | 248  |      |            |
|                                                |    |    | 250  |     |     |     |     |      | 215  | 184  | 160  | 140  | 124  | 110  | 99   | 89   | 80   | 73   | 67   | 61   |      |      |            |
|                                                |    |    | 500  |     |     |     |     |      | 428  | 368  | 319  | 280  | 247  | 220  | 197  | 177  | 161  | 146  | 134  | 122  |      |      |            |
|                                                |    |    | 1000 |     |     |     |     |      | 857  | 736  | 639  | 560  | 494  | 440  | 394  | 355  | 321  | 292  | 267  | 245  |      |      |            |
|                                                |    |    | 1600 |     |     |     |     |      | 1371 | 1177 | 1022 | 896  | 791  | 704  | 630  | 568  | 514  | 468  | 427  | 392  |      |      |            |

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活套杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

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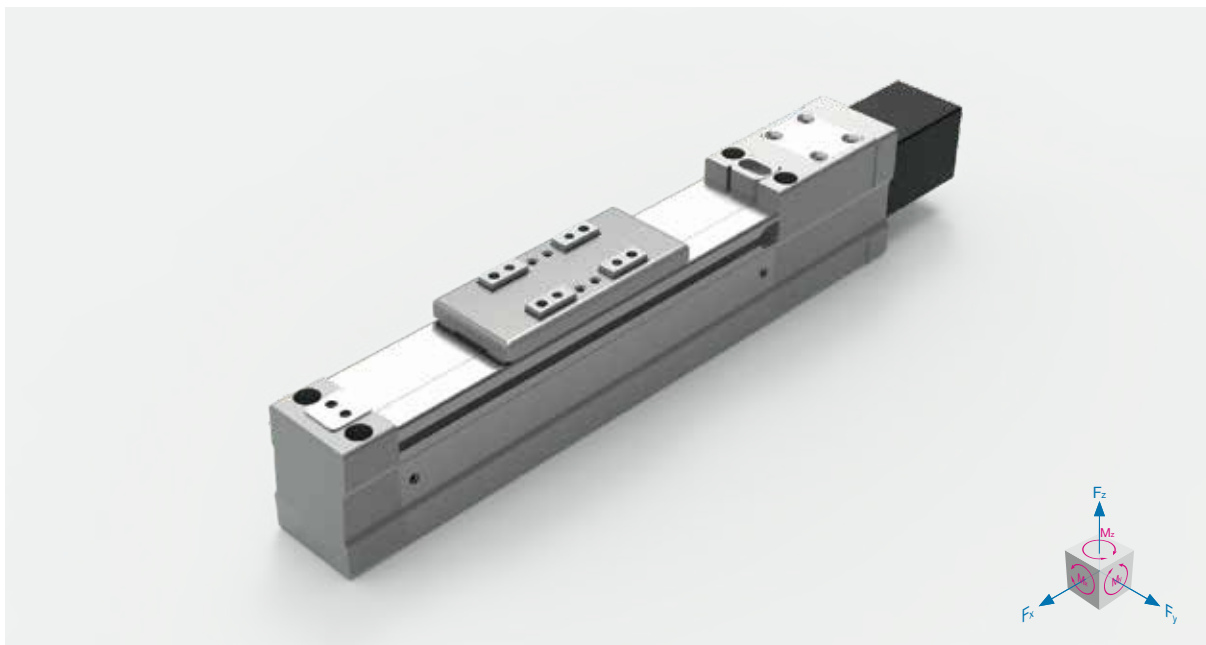
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# 日規全密螺桿直線電缸滑台

JP. SEALED SPINDLE AXES LINEAR ACTUATOR

|                                         |
|-----------------------------------------|
| 日規電缸滑台<br>JP linear actuator            |
| 歐規電缸滑台<br>EU linear actuator            |
| 超長型電缸滑台<br>Super length linear actuator |
| 活塞杆電動缸<br>Cylinder actuator             |
| 旋轉台<br>Rotary stage                     |
| 精密對位平台<br>Precision alignment stage     |
| 減速機<br>Gear reducer                     |
| 十字轉向器<br>Bevel gearbox                  |

|                                        |
|----------------------------------------|
| 半密螺桿<br>Semi sealed spindle axes       |
| 全密螺桿<br>Sealed spindle axes            |
| 半密同步帶<br>Semi sealed toothed belt axes |
| 全密同步帶<br>Sealed toothed belt axes      |



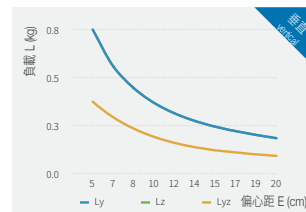
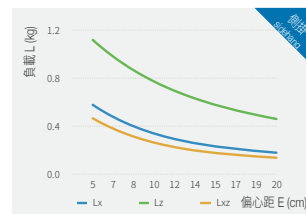
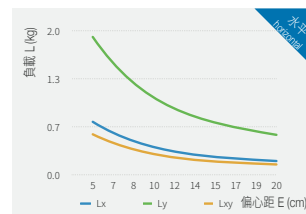
產品專利號: 2016109751128 National Patent of China

## AIMSW - 32 - 100 - 0802 - 1P - CM - S28 - O - S3

| 全密螺桿<br>Sealed Spindle Axes | 缸徑<br>Size (mm) | 行程<br>Stroke (mm) | 規格<br>Ball Screw Size (mm) |             | 滑塊數量<br>Number of Slides | 馬達安裝位置<br>Motor Position      | 馬達功率<br>Motor Power (W) | 光電開關<br>Optical Proximity Sensor Position | 開關數<br>Number of Sensors |
|-----------------------------|-----------------|-------------------|----------------------------|-------------|--------------------------|-------------------------------|-------------------------|-------------------------------------------|--------------------------|
|                             |                 |                   | 直徑<br>Φ                    | 導程<br>Pitch | 1P 1 個<br>1 Side         | CM 直接安裝<br>Direct             | S 步進馬達<br>Stepper Motor | 無<br>None                                 | S3 3 個開關<br>3x Sensors   |
|                             |                 |                   | 08                         | 02          |                          | DM 下側間接<br>Downside Parallel  | 28                      | O 外掛<br>Hang Outside                      | Sn n 個開關<br>nx Sensors   |
|                             |                 |                   |                            |             |                          | LM 左側間接<br>Leftside Parallel  |                         |                                           |                          |
|                             |                 |                   |                            |             |                          | RM 右側間接<br>Rightside Parallel |                         |                                           |                          |

● 有選項 Optional ● 無選項 No options

|                              |                  |                              |                                                         |                                    |            |
|------------------------------|------------------|------------------------------|---------------------------------------------------------|------------------------------------|------------|
| 馬達輸出<br>Motor Power (W)      |                  | 28步進                         | 滑塊數量<br>Number of Slides                                |                                    | 1P         |
| 額定扭矩<br>Torque (Nm)          |                  | 0.09                         | 力和力矩<br>Force and torques                               | F <sub>y</sub> (N)                 | 21         |
| 螺桿等級<br>Ball Screw Level     |                  | C7轉造<br>C7 Rolled Ball Screw |                                                         | F <sub>z</sub> (N)                 | 95         |
| 重複定位精度<br>Rep. Accuracy (mm) |                  | ±0.01                        |                                                         | M <sub>x</sub> (N.m)               | 1.2        |
| 螺桿規格<br>Ball Screw Size (mm) |                  | 008 02                       |                                                         | M <sub>y</sub> (N.m)               | 0.4        |
| 額定推力<br>Nominal Thrust (N)   |                  | 220                          |                                                         | M <sub>z</sub> (N.m)               | 0.4        |
| 最高速度<br>Max. Speed (mm/s)    |                  | 40                           | 面積二次矩<br>2nd moment of area                             | L <sub>xx</sub> (cm <sup>4</sup> ) | -          |
| 行程範圍<br>Stroke Range (mm)    |                  | 50...400 / 50 間隔 Pitch       |                                                         | L <sub>yy</sub> (cm <sup>4</sup> ) | -          |
| 最大負載值<br>Max. Load (Kg)      | 水平<br>Horizontal | 3                            | 0mm行程基本重量<br>Basic Weight for 0mm Stroke (kg)           |                                    | 0.64       |
|                              | 側掛<br>Sidehang   | 2                            | 每100mm行程增加重量<br>Additional Weight per 100mm Stroke (kg) |                                    | 0.075      |
|                              | 垂直<br>Vertical   | 1                            | 光電開關<br>Optical Proximity Sensor                        |                                    | SUX-PM-L45 |



以上負載力矩曲線，客戶選用之負載需在我司產品最大負載範圍內 Above load torque curve, the loading should be within the maximum load range

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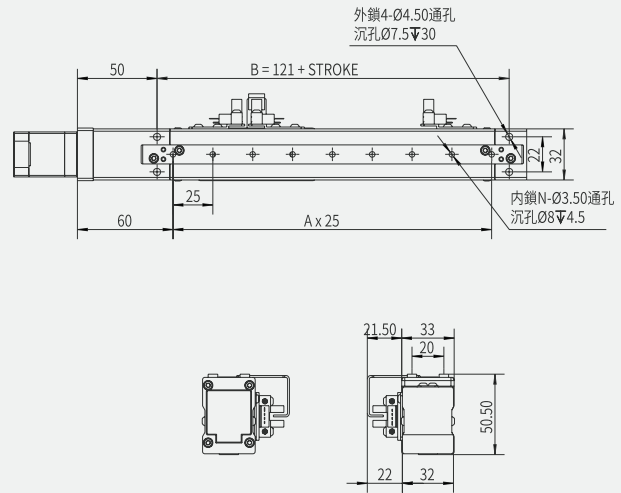
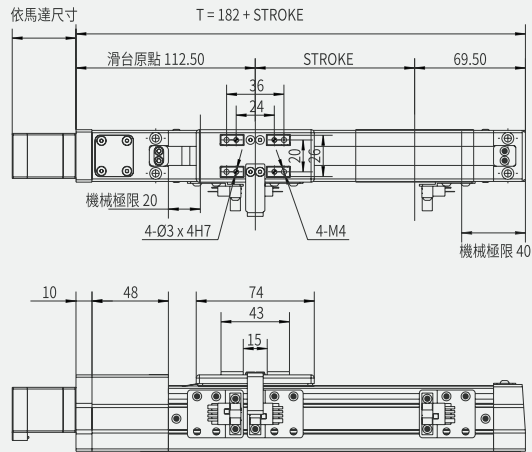
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# AIMSW32-CM 直接安裝 motor direct installed

單位 Unit: mm

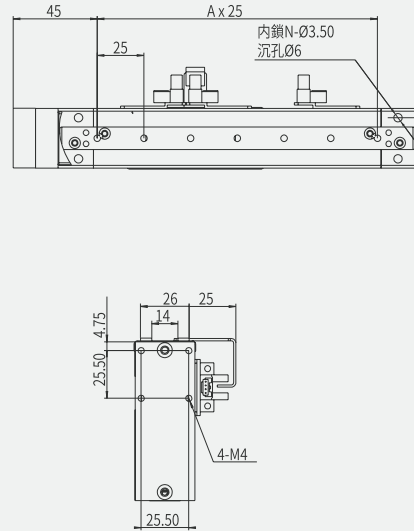
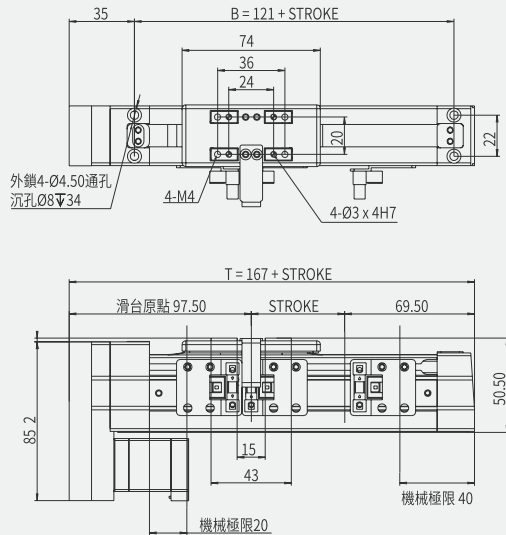


| 行程 Stroke      | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  |
|----------------|------|------|------|------|------|------|------|------|
| T              | 232  | 282  | 332  | 382  | 432  | 482  | 532  | 582  |
| B              | 171  | 221  | 271  | 321  | 371  | 421  | 471  | 521  |
| A              | 6    | 8    | 10   | 12   | 14   | 16   | 18   | 20   |
| N              | 7    | 9    | 11   | 13   | 15   | 17   | 19   | 21   |
| 重量 Weight (Kg) | 0.64 | 0.71 | 0.79 | 0.86 | 0.94 | 1.01 | 1.09 | 1.16 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW32-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm



| 行程 Stroke      | 50   | 100  | 150  | 200 | 250  | 300  | 350  | 400  |
|----------------|------|------|------|-----|------|------|------|------|
| T              | 217  | 267  | 317  | 367 | 417  | 467  | 517  | 567  |
| B              | 171  | 221  | 271  | 321 | 371  | 421  | 471  | 521  |
| A              | 6    | 8    | 10   | 12  | 14   | 16   | 18   | 20   |
| N              | 7    | 9    | 11   | 13  | 15   | 17   | 19   | 21   |
| 重量 Weight (Kg) | 0.59 | 0.66 | 0.73 | 0.8 | 0.87 | 0.94 | 1.01 | 1.08 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活套杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

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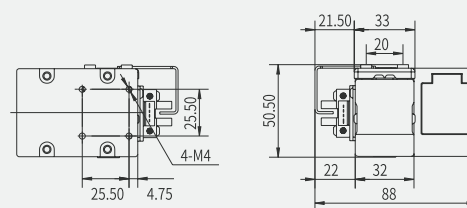
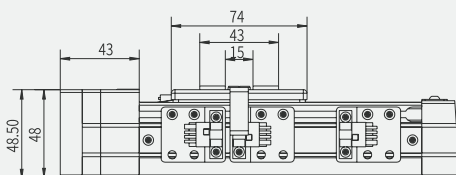
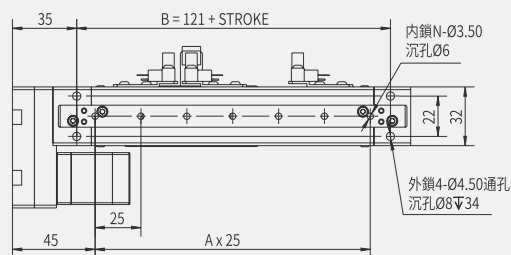
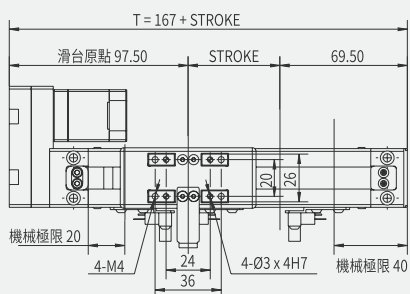
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單位 Unit: mm

AIMSW32-LM 馬達左側間接安裝 motor leftside parallel installed

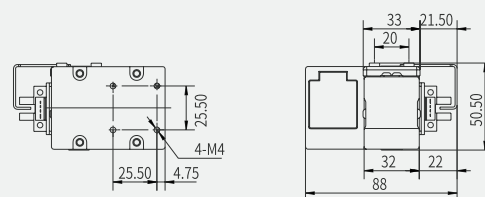
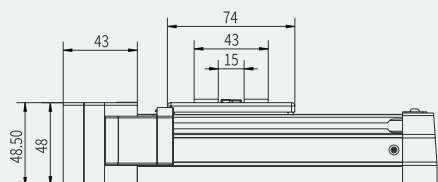
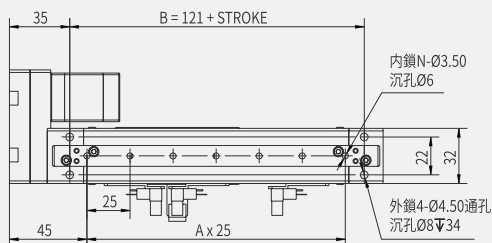
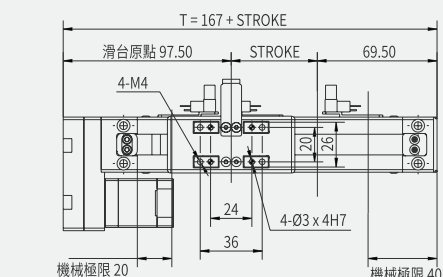


| 行程 Stroke      | 50   | 100  | 150  | 200  | 250 | 300  | 350  | 400  |
|----------------|------|------|------|------|-----|------|------|------|
| T              | 217  | 267  | 317  | 367  | 417 | 467  | 517  | 567  |
| B              | 171  | 221  | 271  | 321  | 371 | 421  | 471  | 521  |
| A              | 6    | 8    | 10   | 12   | 14  | 16   | 18   | 20   |
| N              | 7    | 9    | 11   | 13   | 15  | 17   | 19   | 21   |
| 重量 Weight (Kg) | 0.62 | 0.69 | 0.76 | 0.83 | 0.9 | 0.97 | 1.04 | 1.11 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

AIMSW32-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



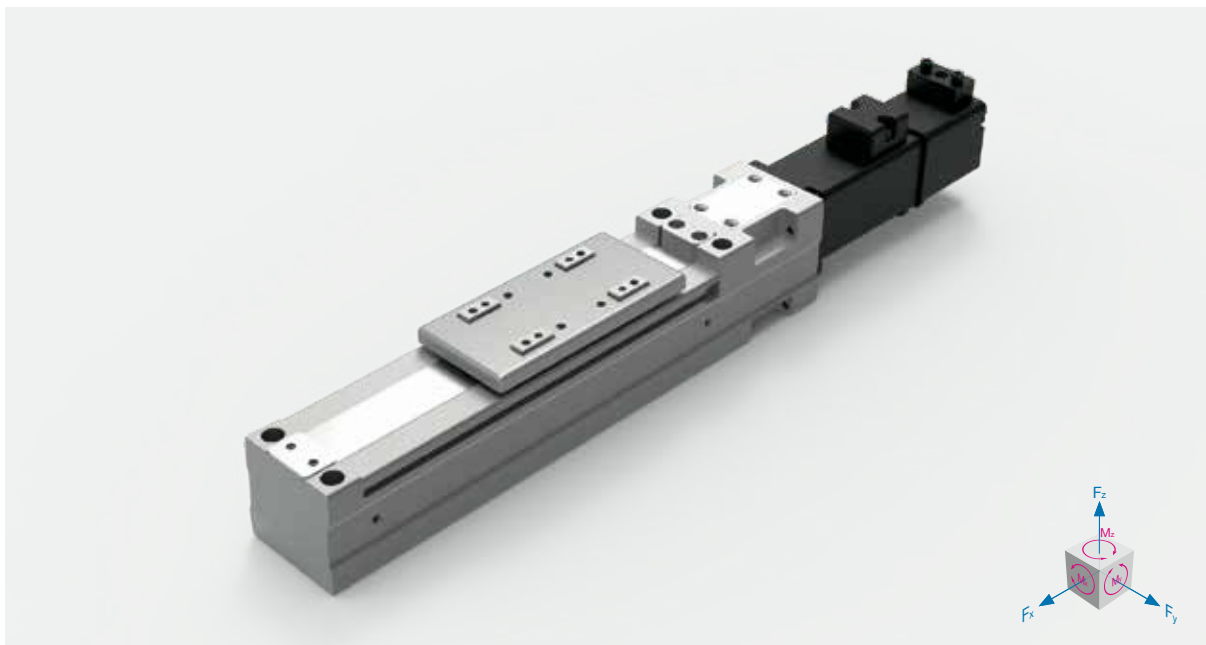
| 行程 Stroke      | 50   | 100  | 150  | 200  | 250 | 300  | 350  | 400  |
|----------------|------|------|------|------|-----|------|------|------|
| T              | 217  | 267  | 317  | 367  | 417 | 467  | 517  | 567  |
| B              | 171  | 221  | 271  | 321  | 371 | 421  | 471  | 521  |
| A              | 6    | 8    | 10   | 12   | 14  | 16   | 18   | 20   |
| N              | 7    | 9    | 11   | 13   | 15  | 17   | 19   | 21   |
| 重量 Weight (Kg) | 0.62 | 0.69 | 0.76 | 0.83 | 0.9 | 0.97 | 1.04 | 1.11 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# 日規全密螺桿直線電缸滑台

JP. SEALED SPINDLE AXES LINEAR ACTUATOR

AIMSW



產品專利號: 2016109751128 National Patent of China

## AIMSW - 45 - 400 - 1210 - 1P - CM - M100 - O - S3 - V

全密螺桿  
Sealed Spindle Axes

缸徑  
Size (mm)

行程  
Stroke (mm)

規格  
Ball Screw Size (mm)

滑塊數量  
Number of Slides

馬達安裝位置  
Motor Position

馬達功率  
Motor Power (W)

光電開關  
Optical Proximity Sensor Position

開關數  
Number of Sensors

靜音型  
Silent Type

| 直徑<br>Φ | 導程<br>Pitch |
|---------|-------------|
| 12      | 05*         |
|         | 10          |

\*僅供靜音型  
Silent Module Only

1P 1個  
1 Side

|    |                            |
|----|----------------------------|
| CM | 直接安裝<br>Direct             |
| DM | 下側間接<br>Downside Parallel  |
| LM | 左側間接<br>Leftside Parallel  |
| RM | 右側間接<br>Rightside Parallel |

|   |                  |   |              |
|---|------------------|---|--------------|
| M | 三菱<br>Mitsubishi | T | 台達<br>Delta  |
| P | 松下<br>Panasonic  | O | 其他<br>Others |
| Y | 安川<br>Yaskawa    |   |              |

50 / 100

|   |                    |
|---|--------------------|
|   | 無<br>None          |
| O | 外掛<br>Hang Outside |

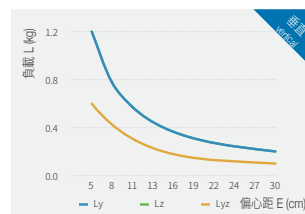
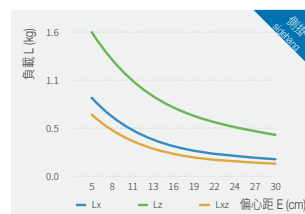
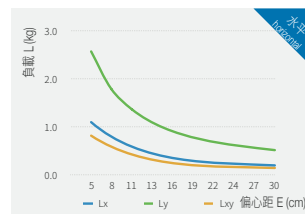
|    |                    |
|----|--------------------|
| S3 | 3個開關<br>3x Sensors |
| Sn | n個開關<br>nx Sensors |

|   |                    |
|---|--------------------|
| V | 靜音型<br>Silent Type |
|   | 無<br>None          |

● 有選項 Optional ● 無選項 No options

|                              |                                                              |     |     |
|------------------------------|--------------------------------------------------------------|-----|-----|
| 馬達輸出<br>Motor Power (W)      | 50 / 100                                                     |     |     |
| 額定扭矩<br>Torque (Nm)          | 0.16 / 0.32                                                  |     |     |
| 螺桿等級<br>Ball Screw Level     | C7轉造 / C5研磨*<br>C7 Rolled Ball Screw / C5 Ground Ball Screw* |     |     |
| 重複定位精度<br>Rep. Accuracy (mm) | ±0.01 / ±0.005                                               |     |     |
| 螺桿規格<br>Ball Screw Size (mm) | Ø12                                                          | 05* | 10  |
| 額定推力<br>Nominal Thrust (N)   | 50 (W)                                                       | 170 | 85  |
|                              | 100 (W)                                                      | 340 | 170 |
| 最高速度<br>Max. Speed (mm/s)    | 250 / 500                                                    |     |     |
| 行程範圍<br>Stroke Range (mm)    | 50...600 / 50 間隔 Pitch                                       |     |     |
| 最大負載值<br>Max. Load (Kg)      | 水平<br>Horizontal                                             | 8   | 5   |
|                              | 側掛<br>Sidehang                                               | 5   | 3   |
|                              | 垂直<br>Vertical                                               | 2   | 1   |

|                                                         |                       |     |
|---------------------------------------------------------|-----------------------|-----|
| 滑塊數量<br>Number of Slides                                | 1P                    |     |
| 力和力矩<br>Force and torques                               | F <sub>y</sub> (N)    | 32  |
|                                                         | F <sub>z</sub> (N)    | 131 |
|                                                         | M <sub>x</sub> (N.m)  | 1.6 |
|                                                         | M <sub>y</sub> (N.m)  | 0.6 |
|                                                         | M <sub>z</sub> (N.m)  | 0.6 |
|                                                         | L <sub>xx</sub> (cm²) | -   |
| 面積二次矩<br>2nd moment of area                             | L <sub>yy</sub> (cm²) | -   |
|                                                         | L <sub>zz</sub> (cm²) | -   |
| 0mm行程基本重量<br>Basic Weight for 0mm Stroke (kg)           | 1                     |     |
| 每100mm行程增加重量<br>Additional Weight per 100mm Stroke (kg) | 0.25                  |     |
| 光電開關<br>Optical Proximity Sensor                        | SUX-PM-L45            |     |



以上負載力矩曲線，客戶選用之負載需在我司產品最大負載範圍內 Above load torque curve, the loading should be within the maximum load range

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

45

65

70

100

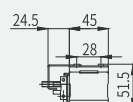
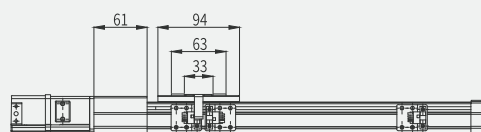
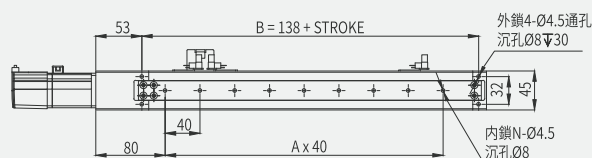
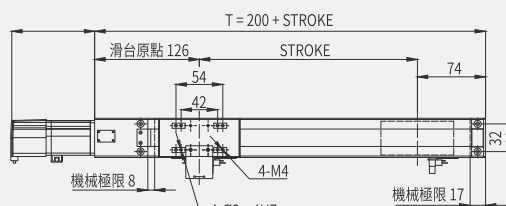
134

178

202

AIMSW45-CM 直接安裝 motor direct installed

單位 Unit: mm

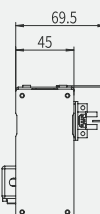
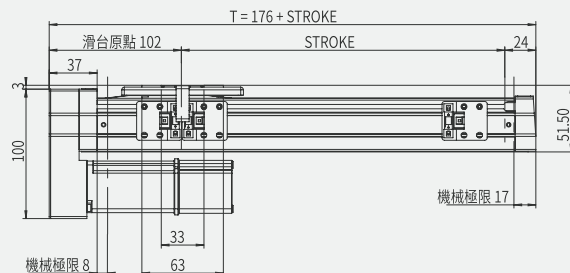
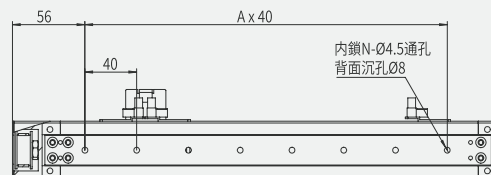
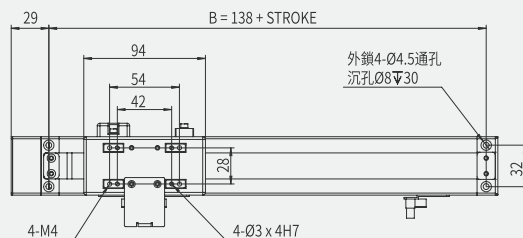


| 行程 Stroke      | 50  | 100  | 150 | 200 | 250 | 300  | 350 | 400 | 450 | 500  |
|----------------|-----|------|-----|-----|-----|------|-----|-----|-----|------|
| T              | 250 | 300  | 350 | 400 | 450 | 500  | 550 | 600 | 650 | 700  |
| B              | 188 | 238  | 288 | 338 | 388 | 438  | 488 | 538 | 588 | 638  |
| A              | 4   | 5    | 6   | 7   | 9   | 10   | 11  | 12  | 14  | 15   |
| N              | 5   | 6    | 7   | 8   | 10  | 11   | 12  | 13  | 15  | 16   |
| 重量 Weight (Kg) | 1.1 | 1.25 | 1.4 | 1.5 | 1.6 | 1.75 | 1.9 | 2   | 2.1 | 2.25 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

AIMSW45-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm

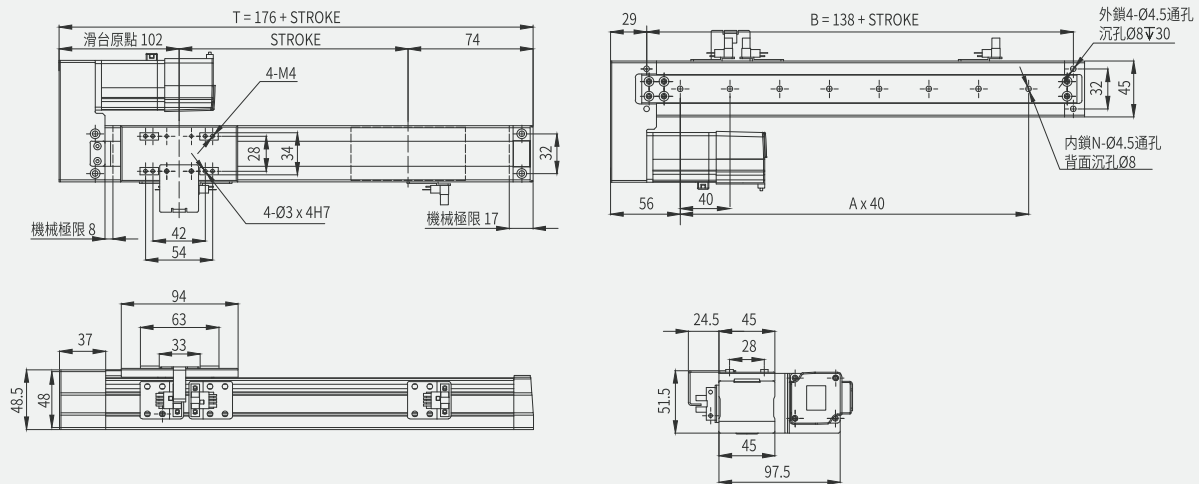


| 行程 Stroke      | 50  | 100  | 150 | 200 | 250 | 300  | 350 | 400 | 450 | 500  |
|----------------|-----|------|-----|-----|-----|------|-----|-----|-----|------|
| T              | 226 | 276  | 326 | 376 | 426 | 476  | 526 | 576 | 626 | 676  |
| B              | 188 | 238  | 288 | 338 | 388 | 438  | 488 | 538 | 588 | 638  |
| A              | 4   | 5    | 6   | 7   | 9   | 10   | 11  | 12  | 14  | 15   |
| N              | 5   | 6    | 7   | 8   | 10  | 11   | 12  | 13  | 15  | 16   |
| 重量 Weight (Kg) | 1.1 | 1.25 | 1.4 | 1.5 | 1.6 | 1.75 | 1.9 | 2   | 2.1 | 2.25 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW45-LM 馬達左側間接安裝 motor leftside parallel installed

單位 Unit: mm

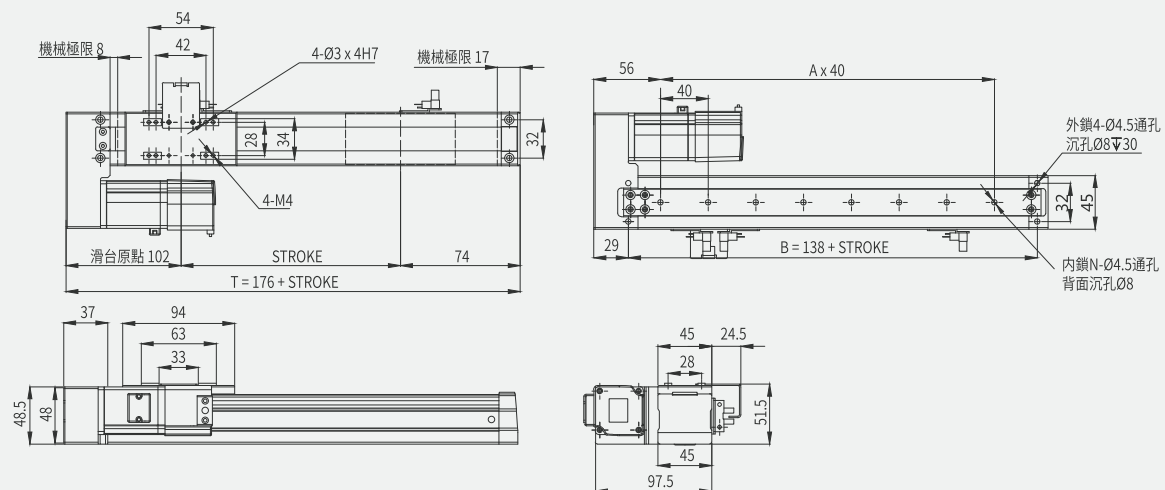


| 行程 Stroke      | 50  | 100  | 150 | 200 | 250 | 300  | 350 | 400 | 450 | 500  |
|----------------|-----|------|-----|-----|-----|------|-----|-----|-----|------|
| T              | 226 | 276  | 326 | 376 | 426 | 476  | 526 | 576 | 626 | 676  |
| B              | 188 | 238  | 288 | 338 | 388 | 438  | 488 | 538 | 588 | 638  |
| A              | 4   | 5    | 6   | 7   | 9   | 10   | 11  | 12  | 14  | 15   |
| N              | 5   | 6    | 7   | 8   | 10  | 11   | 12  | 13  | 15  | 16   |
| 重量 Weight (Kg) | 1.1 | 1.25 | 1.4 | 1.5 | 1.6 | 1.75 | 1.9 | 2   | 2.1 | 2.25 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW45-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



| 行程 Stroke      | 50  | 100  | 150 | 200 | 250 | 300  | 350 | 400 | 450 | 500  |
|----------------|-----|------|-----|-----|-----|------|-----|-----|-----|------|
| T              | 226 | 276  | 326 | 376 | 426 | 476  | 526 | 576 | 626 | 676  |
| B              | 188 | 238  | 288 | 338 | 388 | 438  | 488 | 538 | 588 | 638  |
| A              | 4   | 5    | 6   | 7   | 9   | 10   | 11  | 12  | 14  | 15   |
| N              | 5   | 6    | 7   | 8   | 10  | 11   | 12  | 13  | 15  | 16   |
| 重量 Weight (Kg) | 1.1 | 1.25 | 1.4 | 1.5 | 1.6 | 1.75 | 1.9 | 2   | 2.1 | 2.25 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活套杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

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202

# 日規全密螺桿直線電缸滑台

JP. SEALED SPINDLE AXES LINEAR ACTUATOR

|                                         |
|-----------------------------------------|
| 日規電缸滑台<br>JP linear actuator            |
| 歐規電缸滑台<br>EU linear actuator            |
| 超長型電缸滑台<br>Super length linear actuator |
| 活塞杆電動缸<br>Cylinder actuator             |
| 旋轉台<br>Rotary stage                     |
| 精密對位平台<br>Precision alignment stage     |
| 減速機<br>Gear reducer                     |
| 十字轉向器<br>Bevel gearbox                  |
| 半密螺桿<br>Semi sealed spindle axes        |
| 全密螺桿<br>Sealed spindle axes             |
| 半密同步帶<br>Semi sealed toothed belt axes  |
| 全密同步帶<br>Sealed toothed belt axes       |



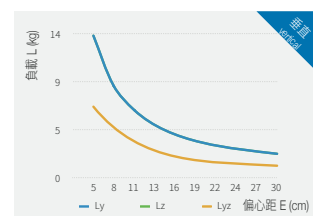
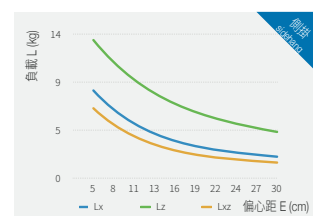
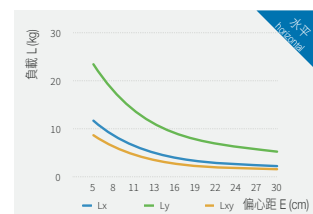
產品專利號: 2016109751128 National Patent of China

## AIMSW - 65 - 100 - 1210 - 1P - OL - CM - M200 - O - S3 - V

| 全密螺桿                | 缸徑                           | 行程          | 規格                   | 滑塊數量                                | 鎖位                                                                                                                 | 馬達安裝位置                                                                                         | 馬達功率                              | 光電開關                                           | 開關數                               | 靜音型         |
|---------------------|------------------------------|-------------|----------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------|-----------------------------------|-------------|
| Sealed Spindle Axes | Size (mm)                    | Stroke (mm) | Ball Screw Size (mm) | Number of Slides                    | Assembly Position                                                                                                  | Motor Position                                                                                 | Motor Power (W)                   | Optical Proximity Sensor Position              | Number of Sensors                 | Silent Type |
|                     | 直徑<br>Φ                      | 導程<br>Pitch | 1P 1個<br>1 Slide     | OL 外鎖<br>Outside<br>IL 內鎖<br>Inside | CM 直接安裝<br>Direct<br>DM 下側間接<br>Downside Parallel<br>LM 左側間接<br>Leftside Parallel<br>RM 右側間接<br>Rightside Parallel | M 三菱<br>Mitsubishi<br>P 松下<br>Panasonic<br>Y 安川<br>Yokogawa<br>T 台達<br>Delta<br>O 其他<br>Others | 無<br>None<br>O 外掛<br>Hang Outside | S3 3個開關<br>3x Sensors<br>Sn n個開關<br>nx Sensors | V 靜音型<br>Silent Type<br>無<br>None |             |
|                     | 12                           | 05*<br>10   |                      |                                     |                                                                                                                    |                                                                                                |                                   |                                                |                                   |             |
|                     | *僅供靜音型<br>Silent Module Only |             |                      |                                     |                                                                                                                    |                                                                                                |                                   |                                                |                                   |             |

● 有選項 Optional ● 無選項 No options

|                              |                  |                                                            |     |                                                         |                                    |            |
|------------------------------|------------------|------------------------------------------------------------|-----|---------------------------------------------------------|------------------------------------|------------|
| 馬達輸出<br>Motor Power (W)      |                  | 200                                                        |     | 滑塊數量<br>Number of Slides                                |                                    | 1P         |
| 額定扭矩<br>Torque (Nm)          |                  | 0.64                                                       |     | 力和力矩<br>Force and torques                               | F <sub>y</sub> (N)                 | 224        |
| 螺桿等級<br>Ball Screw Level     |                  | C7轉造 / C5研磨<br>C7 Rolled Ball Screw / C5 Ground Ball Screw |     |                                                         | F <sub>z</sub> (N)                 | 778        |
| 重複定位精度<br>Rep. Accuracy (mm) |                  | ±0.01 / ±0.005                                             |     |                                                         | M <sub>lx</sub> (N.m)              | 16.8       |
| 螺桿規格<br>Ball Screw Size (mm) |                  | Ø12                                                        | 05* |                                                         | M <sub>ly</sub> (N.m)              | 6.9        |
| 額定推力<br>Nominal Thrust (N)   |                  | 680                                                        | 340 |                                                         | M <sub>lz</sub> (N.m)              | 6.9        |
| 最高速度<br>Max. Speed (mm/s)    |                  | 250                                                        | 500 | 面積二次矩<br>2nd moment of area                             | L <sub>xx</sub> (cm <sup>4</sup> ) | -          |
| 行程範圍<br>Stroke Range (mm)    |                  | 50...600 / 50 間隔 Pitch                                     |     |                                                         | L <sub>yy</sub> (cm <sup>4</sup> ) | -          |
| 最大負載值<br>Max. Load (Kg)      | 水平<br>Horizontal | 12                                                         |     | 0mm行程基本重量<br>Basic Weight for 0mm Stroke (kg)           |                                    | 1          |
|                              | 側掛<br>Sidehang   | 8                                                          |     | 每100mm行程增加重量<br>Additional Weight per 100mm Stroke (kg) |                                    | 0.25       |
|                              | 垂直<br>Vertical   | 5                                                          |     | 光電開關<br>Optical Proximity Sensor                        |                                    | SUX-PM-L45 |



以上負載力矩曲線，客戶選用之負載需在我司產品最大負載範圍內 Above load torque curve, the loading should be within the maximum load range

SW

32

45

65

70

100

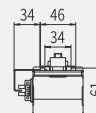
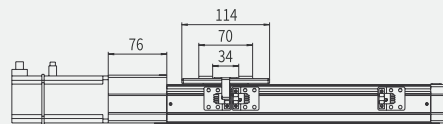
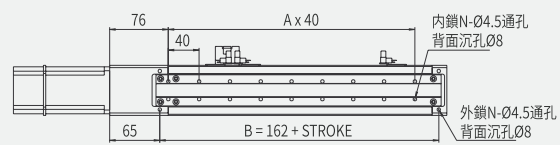
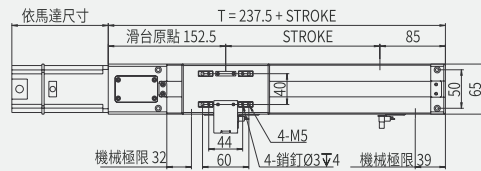
134

178

202

# AIMSW65-CM 直接安裝 motor direct installed

單位 Unit: mm

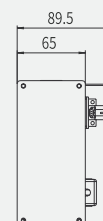
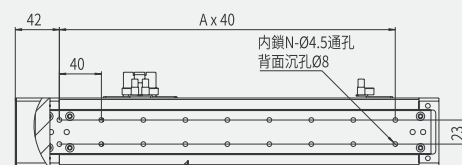
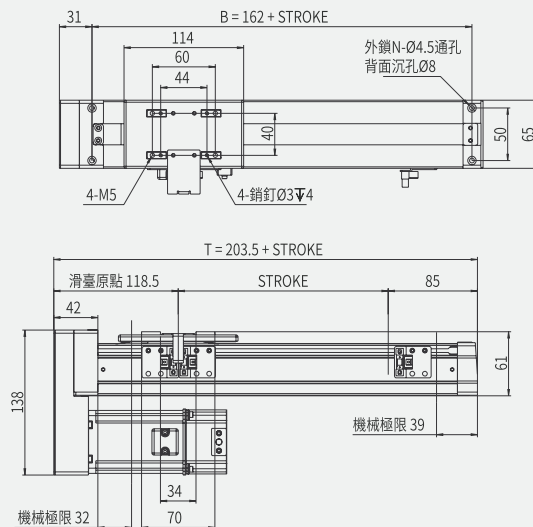


| 行程 Stroke      | 50    | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| T              | 287.5 | 337.5 | 387.5 | 437.5 | 487.5 | 537.5 | 587.5 | 637.5 | 687.5 | 737.5 | 787.5 | 837.5 |
| B              | 212   | 262   | 312   | 362   | 412   | 462   | 512   | 562   | 612   | 662   | 712   | 762   |
| A              | 5     | 6     | 7     | 8     | 10    | 11    | 12    | 13    | 15    | 16    | 17    | 18    |
| N              | 12    | 14    | 16    | 18    | 22    | 24    | 26    | 28    | 32    | 34    | 36    | 38    |
| 重量 Weight (Kg) | 2.2   | 2.4   | 2.6   | 2.85  | 3     | 3.3   | 3.5   | 3.75  | 4     | 4.2   | 4.4   | 4.65  |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW65-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm



| 行程 Stroke      | 50    | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| T              | 253.5 | 303.5 | 353.5 | 403.5 | 453.5 | 503.5 | 553.5 | 603.5 | 653.5 | 703.5 | 753.5 | 803.5 |
| B              | 212   | 262   | 312   | 362   | 412   | 462   | 512   | 562   | 612   | 662   | 712   | 762   |
| A              | 5     | 6     | 7     | 8     | 10    | 11    | 12    | 13    | 15    | 16    | 17    | 18    |
| N              | 12    | 14    | 16    | 18    | 22    | 24    | 26    | 28    | 32    | 34    | 36    | 38    |
| 重量 Weight (Kg) | 2.2   | 2.4   | 2.6   | 2.85  | 3     | 3.3   | 3.5   | 3.75  | 4     | 4.2   | 4.4   | 4.65  |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
J linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

45

65

70

100

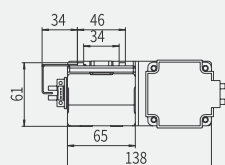
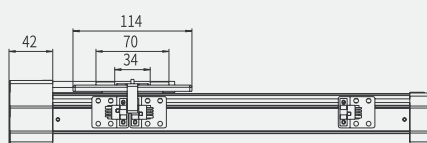
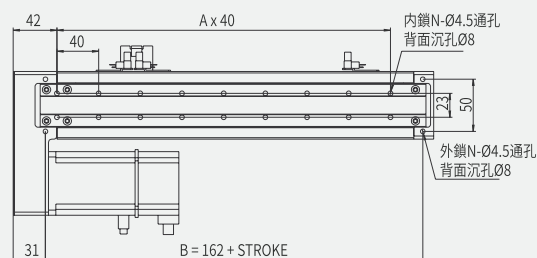
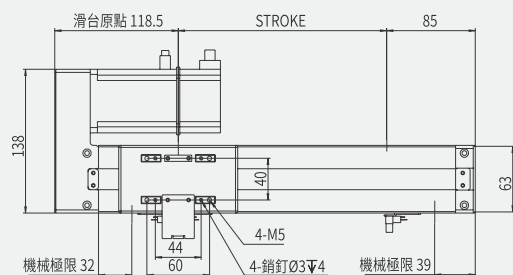
134

178

202

AIMSW65-LM 馬達左側間接安裝 motor leftside parallel installed

單位 Unit: mm

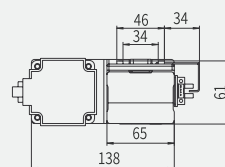
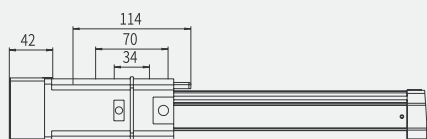
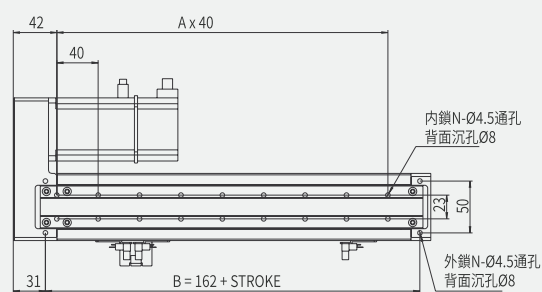
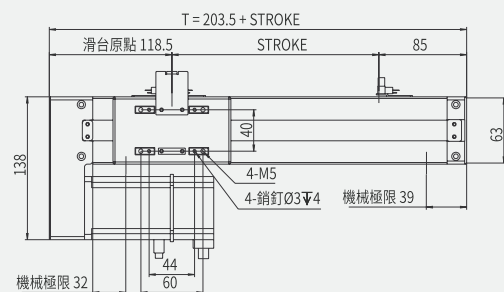


| 行程 Stroke      | 50    | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| T              | 253.5 | 303.5 | 353.5 | 403.5 | 453.5 | 503.5 | 553.5 | 603.5 | 653.5 | 703.5 | 753.5 | 803.5 |
| B              | 212   | 262   | 312   | 362   | 412   | 462   | 512   | 562   | 612   | 662   | 712   | 762   |
| A              | 5     | 6     | 7     | 8     | 10    | 11    | 12    | 13    | 15    | 16    | 17    | 18    |
| N              | 12    | 14    | 16    | 18    | 22    | 24    | 26    | 28    | 32    | 34    | 36    | 38    |
| 重量 Weight (Kg) | 2.2   | 2.4   | 2.6   | 2.85  | 3     | 3.3   | 3.5   | 3.75  | 4     | 4.2   | 4.4   | 4.65  |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

AIMSW65-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



| 行程 Stroke      | 50    | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| T              | 253.5 | 303.5 | 353.5 | 403.5 | 453.5 | 503.5 | 553.5 | 603.5 | 653.5 | 703.5 | 753.5 | 803.5 |
| B              | 212   | 262   | 312   | 362   | 412   | 462   | 512   | 562   | 612   | 662   | 712   | 762   |
| A              | 5     | 6     | 7     | 8     | 10    | 11    | 12    | 13    | 15    | 16    | 17    | 18    |
| N              | 12    | 14    | 16    | 18    | 22    | 24    | 26    | 28    | 32    | 34    | 36    | 38    |
| 重量 Weight (Kg) | 2.2   | 2.4   | 2.6   | 2.85  | 3     | 3.3   | 3.5   | 3.75  | 4     | 4.2   | 4.4   | 4.65  |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# 日規全密螺桿直線電缸滑台

JP. SEALED SPINDLE AXES LINEAR ACTUATOR

AIMSW



產品專利號: 2016109751128 National Patent of China

## AIMSW - 70 - 400 - 1610 - 1P - OL - CM - M200 - O - S3

全密螺桿  
Sealed Spindle Axis

缸徑  
Size (mm)

行程  
Stroke (mm)

規格  
Ball Screw Size (mm)

滑塊數量  
Number of Slides

鎖位  
Assembly Position

馬達安裝位置  
Motor Position

馬達功率  
Motor Power (W)

光電開關  
Optical Proximity Sensor Position

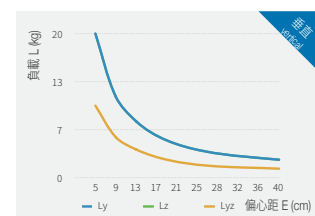
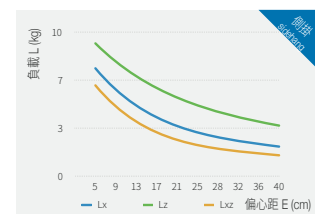
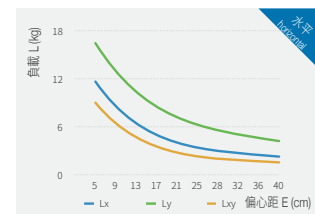
開關數  
Number of Sensors

| 直徑<br>Ø | 導程<br>Pitch | 1P<br>1 個<br>1 Slide | 2P<br>2 個<br>2 Slides | OL<br>外鎖<br>Outside | IL<br>內鎖<br>Inside | CM<br>直接安裝<br>Direct | DM<br>下側間接<br>Downside Parallel | LM<br>左側間接<br>Leftside Parallel | RM<br>右側間接<br>Rightside Parallel | M<br>三菱<br>Mitsubishi | T<br>台達<br>Delta | P<br>松下<br>Panasonic | O<br>其他<br>Others | Y<br>安川<br>Yaskawa | 無<br>None | O<br>外掛<br>Hang Outside | I<br>內藏<br>Hide Inside | S3<br>3 個開關<br>3x Sensors | Sn<br>n 個開關<br>nx Sensors |
|---------|-------------|----------------------|-----------------------|---------------------|--------------------|----------------------|---------------------------------|---------------------------------|----------------------------------|-----------------------|------------------|----------------------|-------------------|--------------------|-----------|-------------------------|------------------------|---------------------------|---------------------------|
| 16      | 05          |                      |                       |                     |                    |                      |                                 |                                 |                                  |                       |                  |                      |                   |                    |           |                         |                        |                           |                           |
|         | 10          |                      |                       |                     |                    |                      |                                 |                                 |                                  |                       |                  |                      |                   |                    |           |                         |                        |                           |                           |
|         | 20          |                      |                       |                     |                    |                      |                                 |                                 |                                  |                       |                  |                      |                   |                    |           |                         |                        |                           |                           |

● 有選項 Optional ● 無選項 No options

|                                |                  |                                                              |          |          |          |
|--------------------------------|------------------|--------------------------------------------------------------|----------|----------|----------|
| 馬達輸出<br>Motor Power (W)        |                  | 200 / 400                                                    |          |          |          |
| 額定扭矩<br>Torque (Nm)            |                  | 0.64 / 1.27                                                  |          |          |          |
| 螺桿等級<br>Ball Screw Level       |                  | C7 轉造 / C5 研磨<br>C7 Rolled Ball Screw / C5 Ground Ball Screw |          |          |          |
| 重複定位精度<br>Rep. Accuracy (mm)   |                  | ±0.01 / ±0.005                                               |          |          |          |
| 螺桿規格<br>Ball Screw Size (mm)   | Ø16              | 05                                                           | 10       | 20       |          |
| 額定推力<br>Nominal Thrust (N)     | 200<br>(W)       | 680                                                          | 340      | 170      |          |
|                                | 400<br>(W)       | 1360                                                         | 680      | 340      |          |
| 最高速度<br>Max. Speed (mm/s)      |                  | 250                                                          | 500      | 1000     |          |
| 行程範圍<br>Stroke Range (mm)      |                  | 100...1000 / 50 間隔 Pitch                                     |          |          |          |
| 最大<br>負載值<br>Max. Load<br>(Kg) | 水平<br>Horizontal | 1P<br>2P                                                     | 13<br>20 | 13<br>20 | 10<br>15 |
|                                | 側掛<br>Sidehang   | 1P<br>2P                                                     | 8<br>12  | 8<br>12  | 6<br>8   |
|                                |                  | 垂直<br>Vertical                                               | 1P<br>2P | 6<br>8   | 6<br>8   |

|                                                         |                       |           |
|---------------------------------------------------------|-----------------------|-----------|
| 滑塊數量<br>Number of Slides                                | 1P                    | 2P        |
| 力和力矩<br>Force and torques                               | F <sub>y</sub> (N)    | 80 / 120  |
|                                                         | F <sub>z</sub> (N)    | 180 / 280 |
|                                                         | M <sub>x</sub> (N.m)  | 12 / 20   |
|                                                         | M <sub>y</sub> (N.m)  | 5 / 10    |
|                                                         | M <sub>z</sub> (N.m)  | 5 / 10    |
|                                                         | L <sub>xx</sub> (cm²) | 2.9       |
| 面積二次矩<br>2nd moment of area                             | L <sub>yy</sub> (cm²) | 41        |
|                                                         | L <sub>zz</sub> (cm²) | 41        |
| 0mm行程基本重量<br>Basic Weight for 0mm Stroke (kg)           | 3.7                   |           |
| 每100mm行程增加重量<br>Additional Weight per 100mm Stroke (kg) | 0.8                   |           |
| 光電開關<br>Optical Proximity Sensor                        | SUX-PM-L45            |           |



以上負載力矩曲線，客戶選用之負載需在我司產品最大負載範圍內 Above load torque curve, the loading should be within the maximum load range

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

45

65

70

100

134

178

202

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

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Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

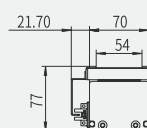
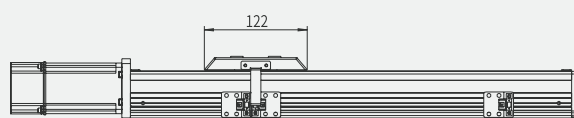
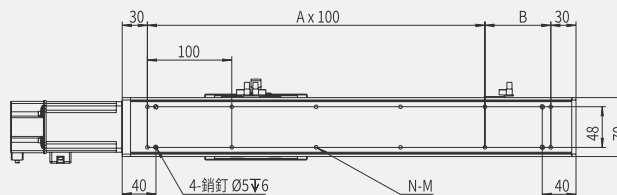
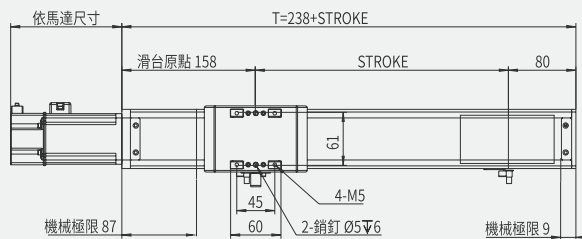
全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

## AIMSW70-1P-CM 直接安裝 motor direct installed

單位 Unit: mm



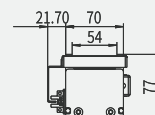
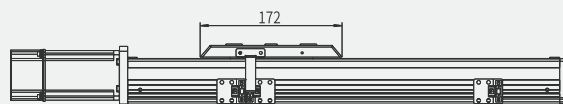
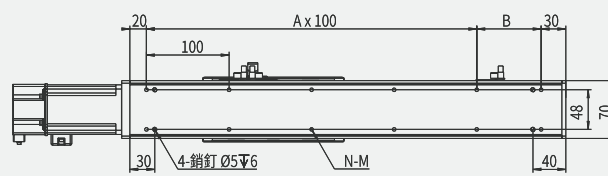
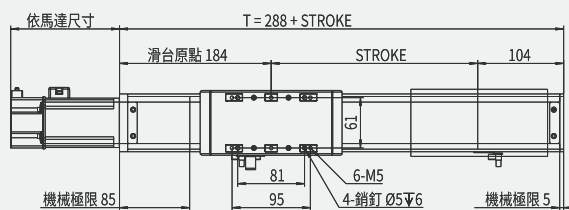
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T              | 338 | 388 | 438 | 488 | 538 | 588 | 638 | 738 | 838 | 938 |
| B              | 78  | 28  | 78  | 28  | 78  | 28  | 78  | 78  | 78  | 78  |
| A              | 2   | 3   | 3   | 4   | 4   | 5   | 5   | 6   | 7   | 8   |
| N              | 8   | 10  | 10  | 12  | 12  | 14  | 14  | 16  | 18  | 20  |
| 重量 Weight (Kg) | 4.5 | 4.9 | 5.3 | 5.7 | 6.1 | 6.5 | 6.9 | 7.7 | 8.5 | 9.3 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

## AIMSW70-2P-CM 直接安裝 motor direct installed

單位 Unit: mm



|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T              | 388 | 438 | 488 | 538 | 588 | 638 | 688 | 788 | 888 | 988 |
| B              | 28  | 78  | 28  | 78  | 28  | 78  | 28  | 28  | 28  | 28  |
| A              | 3   | 3   | 4   | 4   | 5   | 5   | 6   | 7   | 8   | 9   |
| N              | 10  | 10  | 12  | 12  | 14  | 14  | 16  | 18  | 20  | 22  |
| 重量 Weight (Kg) | 4.9 | 5.3 | 5.7 | 6.1 | 6.5 | 6.9 | 7.3 | 8.1 | 8.9 | 9.7 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

SW

32

45

65

70

100

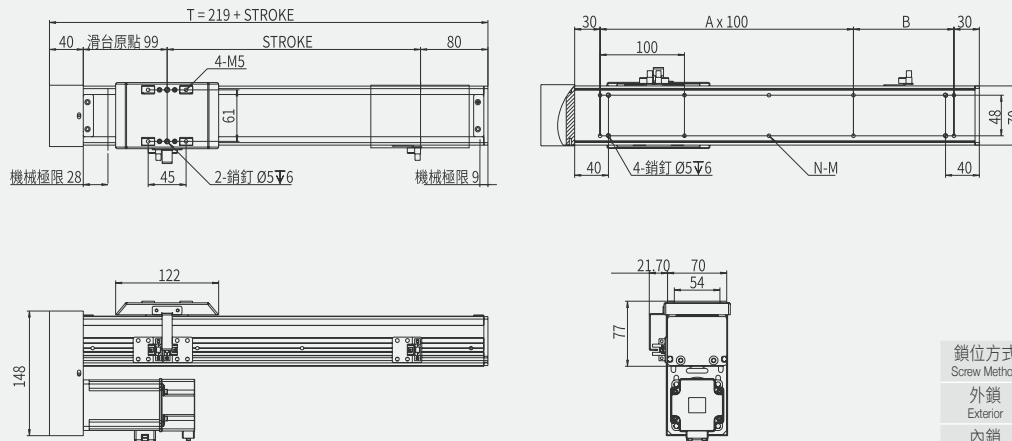
134

178

202

# AIMSW70-1P-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm



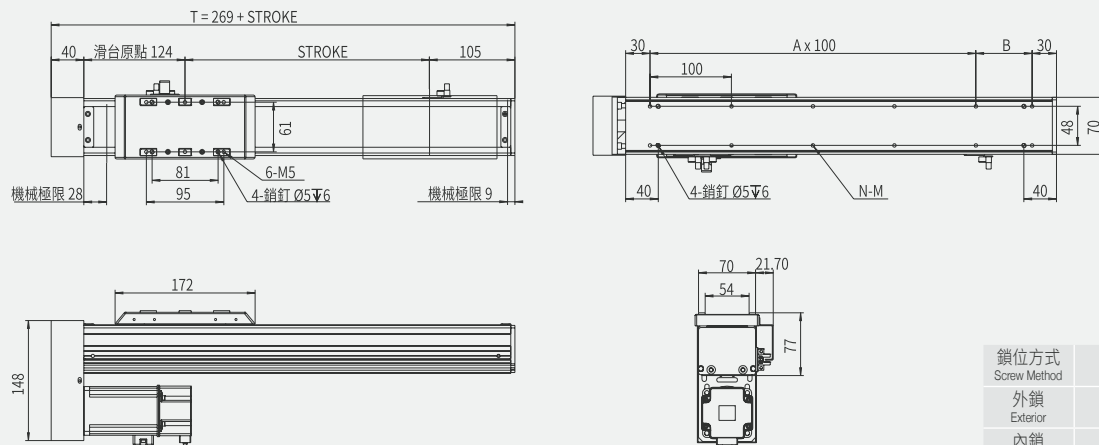
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T              | 319 | 369 | 419 | 469 | 519 | 569 | 619 | 719 | 819 | 919 |
| B              | 119 | 69  | 119 | 69  | 119 | 69  | 119 | 119 | 119 | 119 |
| A              | 1   | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 6   | 7   |
| N              | 6   | 8   | 8   | 10  | 10  | 12  | 12  | 14  | 16  | 18  |
| 重量 Weight (Kg) | 5   | 5.4 | 5.8 | 6.2 | 6.6 | 7   | 7.4 | 8.2 | 9   | 9.8 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW70-2P-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm



|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 369 | 419 | 469 | 519 | 569 | 619 | 669 | 769 | 869 | 969  |
| B              | 69  | 119 | 69  | 119 | 69  | 119 | 69  | 69  | 69  | 69   |
| A              | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 6   | 7   | 8    |
| N              | 8   | 8   | 10  | 10  | 12  | 12  | 14  | 16  | 18  | 20   |
| 重量 Weight (Kg) | 5.4 | 5.8 | 6.2 | 6.6 | 7   | 7.4 | 7.8 | 8.6 | 9.4 | 10.2 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

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JP linear actuator

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EU linear actuator

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Super length linear actuator

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半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

45

65

70

100

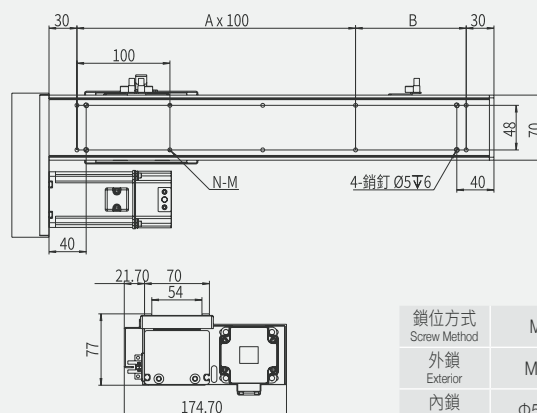
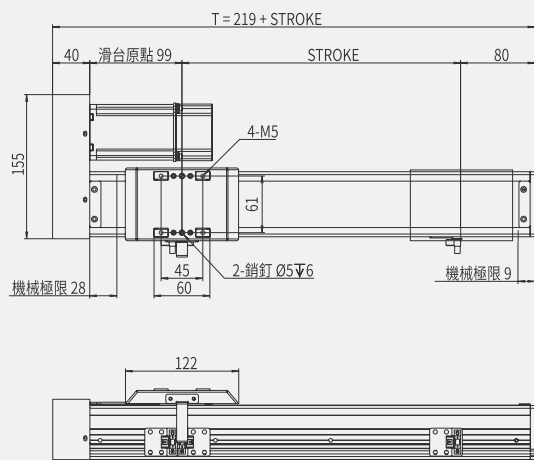
134

178

202

單位 Unit: mm

AIMSW70-1P-LM 馬達左側間接安裝 motor leftside parallel installed



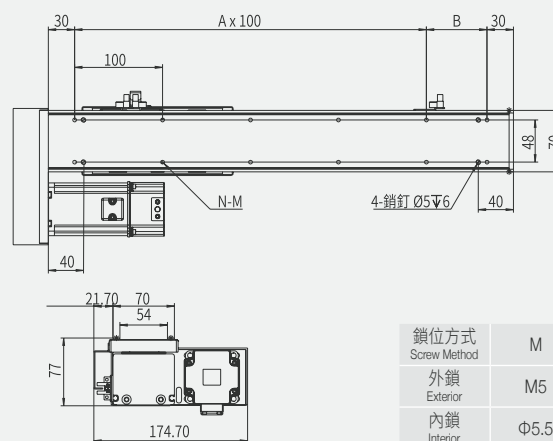
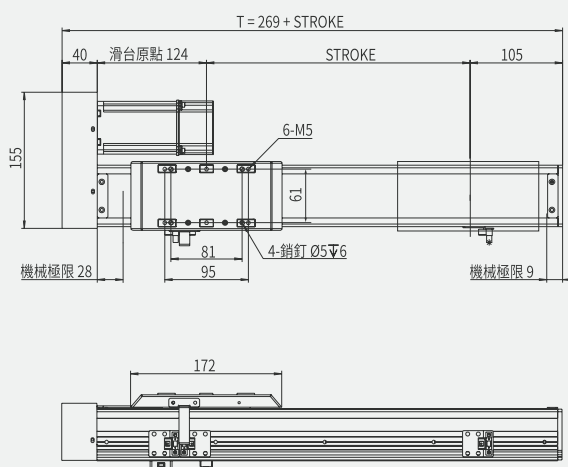
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T              | 319 | 369 | 419 | 469 | 519 | 569 | 619 | 719 | 819 | 919 |
| B              | 119 | 69  | 119 | 69  | 119 | 69  | 119 | 119 | 119 | 119 |
| A              | 1   | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 6   | 7   |
| N              | 6   | 8   | 8   | 10  | 10  | 12  | 12  | 14  | 16  | 18  |
| 重量 Weight (Kg) | 5   | 5.4 | 5.8 | 6.2 | 6.6 | 7   | 7.4 | 8.2 | 9   | 9.8 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

AIMSW70-2P-LM 馬達左側間接安裝 motor leftside parallel installed

單位 Unit: mm



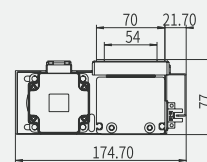
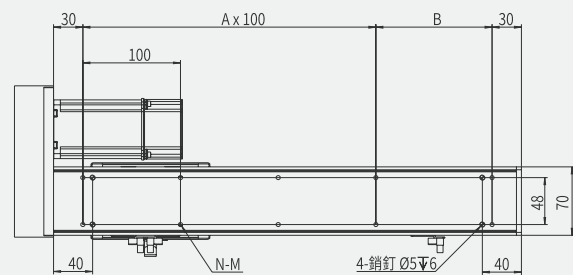
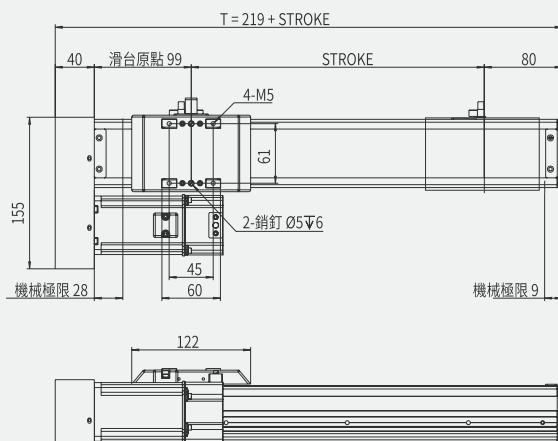
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 369 | 419 | 469 | 519 | 569 | 619 | 669 | 769 | 869 | 969  |
| B              | 69  | 119 | 69  | 119 | 69  | 119 | 69  | 69  | 69  | 69   |
| A              | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 6   | 7   | 8    |
| N              | 8   | 8   | 10  | 10  | 12  | 12  | 14  | 16  | 18  | 20   |
| 重量 Weight (Kg) | 5.4 | 5.8 | 6.2 | 6.6 | 7   | 7.4 | 7.8 | 8.6 | 9.4 | 10.2 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW70-1P-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



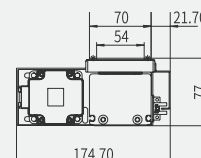
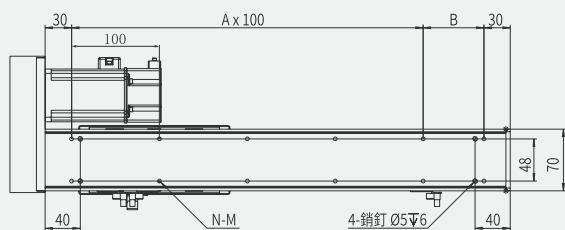
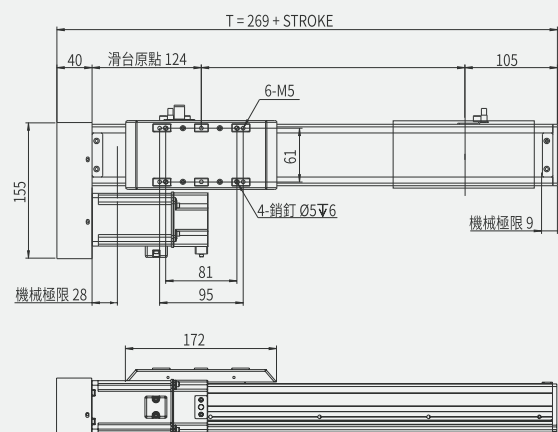
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T              | 319 | 369 | 419 | 469 | 519 | 569 | 619 | 719 | 819 | 919 |
| B              | 119 | 69  | 119 | 69  | 119 | 69  | 119 | 119 | 119 | 119 |
| A              | 1   | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 6   | 7   |
| N              | 6   | 8   | 8   | 10  | 10  | 12  | 12  | 14  | 16  | 18  |
| 重量 Weight (Kg) | 5   | 5.4 | 5.8 | 6.2 | 6.6 | 7   | 7.4 | 8.2 | 9   | 9.8 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW70-2P-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 369 | 419 | 469 | 519 | 569 | 619 | 669 | 769 | 869 | 969  |
| B              | 69  | 119 | 69  | 119 | 69  | 119 | 69  | 69  | 69  | 69   |
| A              | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 6   | 7   | 8    |
| N              | 8   | 8   | 10  | 10  | 12  | 12  | 14  | 16  | 18  | 20   |
| 重量 Weight (Kg) | 5.4 | 5.8 | 6.2 | 6.6 | 7   | 7.4 | 7.8 | 8.6 | 9.4 | 10.2 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

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70

100

134

178

202

# 日規全密螺桿直線電缸滑台

JP. SEALED SPINDLE AXES LINEAR ACTUATOR

|                                         |
|-----------------------------------------|
| 日規電缸滑台<br>JP linear actuator            |
| 歐規電缸滑台<br>EU linear actuator            |
| 超長型電缸滑台<br>Super length linear actuator |
| 活塞杆電動缸<br>Cylinder actuator             |
| 旋轉台<br>Rotary stage                     |
| 精密對位平台<br>Precision alignment stage     |
| 減速機<br>Gear reducer                     |
| 十字轉向器<br>Bevel gearbox                  |
| 半密螺桿<br>Semi sealed spindle axes        |
| 全密螺桿<br>Sealed spindle axes             |
| 半密同步帶<br>Semi sealed toothed belt axes  |
| 全密同步帶<br>Sealed toothed belt axes       |



產品專利號: 2016109751128 National Patent of China

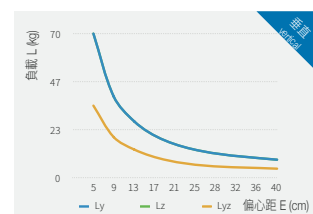
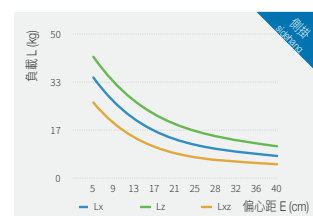
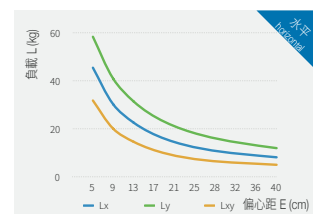
## AIMSW - 100 - 400 - 1610 - LG2 1P - OL - CM - M200 - O - S3

| 全密螺桿                | 缸徑        | 行程          | 規格                   |       | 導軌         | 滑塊數量             | 鎖位                | 馬達安裝位置          | 馬達功率                       |               |              | 光電開關                              | 開關數               |                   |   |              |   |                    |    |                     |
|---------------------|-----------|-------------|----------------------|-------|------------|------------------|-------------------|-----------------|----------------------------|---------------|--------------|-----------------------------------|-------------------|-------------------|---|--------------|---|--------------------|----|---------------------|
| Sealed Spindle Axes | Size (mm) | Stroke (mm) | Ball Screw Size (mm) |       | Guide Type | Number of Slides | Assembly Position | Motor Position  | Motor Power (W)            |               |              | Optical Proximity Sensor Position | Number of Sensors |                   |   |              |   |                    |    |                     |
|                     |           |             | 直徑                   | 導程    | LG1        | 高軌<br>High Guide | 1P                | 1 個<br>1 Slide  | OL                         | 外鎖<br>Outside | CM           | 直接安裝<br>Direct                    | M                 | 三菱<br>Mitsubishi  | T | 台達<br>Delta  |   | 無<br>None          | S3 | 3 個開關<br>3x Sensors |
|                     |           |             | Φ                    | Pitch |            |                  |                   |                 |                            |               |              |                                   |                   |                   |   |              |   |                    |    |                     |
|                     |           |             | 16                   | 05    | LG2        | 寬軌<br>Wide Guide | 2P                | 2 個<br>2 Slides | IL                         | 內鎖<br>Inside  | DM           | 下側間接<br>Downside Parallel         | P                 | 松下<br>Panasonic   | O | 其他<br>Others | O | 外掛<br>Hang Outside | Sn | n 個開關<br>nx Sensors |
|                     |           |             |                      | 10    |            |                  |                   |                 |                            |               |              |                                   |                   |                   |   |              |   |                    |    |                     |
|                     |           |             |                      | 20    |            |                  |                   |                 |                            |               |              |                                   |                   |                   |   |              |   |                    |    |                     |
|                     |           |             |                      |       |            |                  |                   | LM              | 左側間接<br>Leftside Parallel  | Y             | 安川<br>Yokawa |                                   | I                 | 內藏<br>Hide Inside |   |              |   |                    |    |                     |
|                     |           |             |                      |       |            |                  |                   | RM              | 右側間接<br>Rightside Parallel |               |              |                                   | 200 / 400         |                   |   |              |   |                    |    |                     |

● 有選項 Optional ● 無選項 No options

|                              |                  |                                                            |          |          |          |
|------------------------------|------------------|------------------------------------------------------------|----------|----------|----------|
| 馬達輸出<br>Motor Power (W)      |                  | 200 / 400                                                  |          |          |          |
| 額定扭矩<br>Torque (Nm)          |                  | 0.64 / 1.27                                                |          |          |          |
| 螺桿等級<br>Ball Screw Level     |                  | C7製造 / C5研磨<br>C7 Rolled Ball Screw / C5 Ground Ball Screw |          |          |          |
| 重複定位精度<br>Rep. Accuracy (mm) |                  | ±0.01 / ±0.005                                             |          |          |          |
| 螺桿規格<br>Ball Screw Size (mm) | Ø16              | 05                                                         | 10       | 20       |          |
| 額定推力<br>Nominal Thrust (N)   | 200<br>(W)       | 680                                                        | 340      | 170      |          |
|                              | 400<br>(W)       | 1360                                                       | 680      | 340      |          |
| 最高速度<br>Max. Speed (mm/s)    |                  | 250                                                        | 500      | 1000     |          |
| 行程範圍<br>Stroke Range (mm)    |                  | 100...1000 / 50 間隔 Pitch                                   |          |          |          |
| 最大負載值<br>Max. Load (Kg)      | 水平<br>Horizontal | 1P<br>2P                                                   | 20<br>30 | 20<br>30 | 10<br>15 |
|                              | 側掛<br>Sidehang   | 1P<br>2P                                                   | 10<br>15 | 10<br>15 | 6<br>8   |
|                              | 垂直<br>Vertical   | 1P<br>2P                                                   | 7<br>10  | 7<br>10  | 4<br>5   |

|                                                         |                       |          |
|---------------------------------------------------------|-----------------------|----------|
| 滑塊數量<br>Number of Slides                                | 1P                    | 2P       |
| 力和力矩<br>Force and torques                               | F <sub>y</sub> (N)    | 450 700  |
|                                                         | F <sub>z</sub> (N)    | 850 1300 |
|                                                         | M <sub>x</sub> (N.m)  | 41 53    |
|                                                         | M <sub>y</sub> (N.m)  | 35       |
|                                                         | M <sub>z</sub> (N.m)  | 35       |
|                                                         | L <sub>xx</sub> (cm²) | 21.9     |
| 面積二次矩<br>2nd moment of area                             | L <sub>yy</sub> (cm²) | 193      |
|                                                         | L <sub>zz</sub> (cm²) | 193      |
| 0mm行程基本重量<br>Basic Weight for 0mm Stroke (kg)           | 5.5                   |          |
| 每100mm行程增加重量<br>Additional Weight per 100mm Stroke (kg) | 1                     |          |
| 光電開關<br>Optical Proximity Sensor                        | SUX-PM-L45            |          |



以上負載力矩曲線，客戶選用之負載需在我司產品最大負載範圍內 Above load torque curve, the loading should be within the maximum load range

SW

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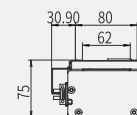
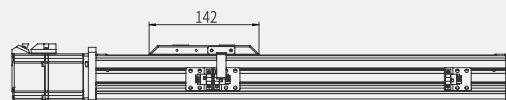
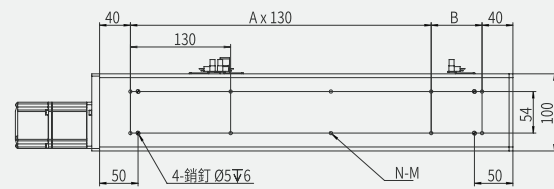
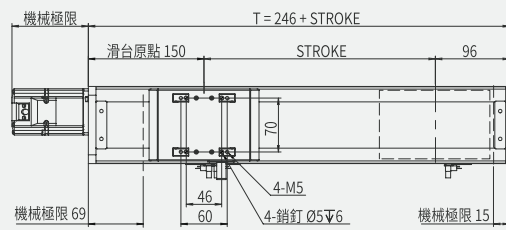
134

178

202

# AIMSW100-1P-CM 直接安裝 motor direct installed

單位 Unit: mm



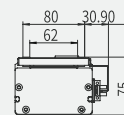
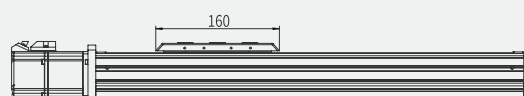
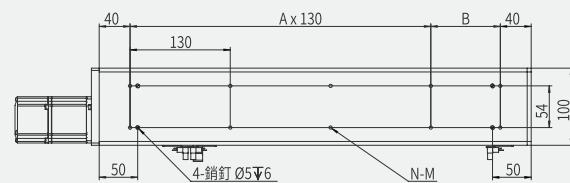
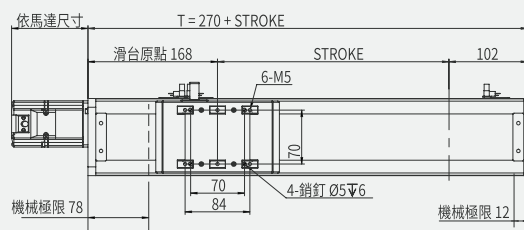
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 346 | 396 | 446 | 496 | 546 | 596 | 646 | 746 | 846 | 946 | 1046 |
| B              | 121 | 46  | 96  | 146 | 66  | 116 | 36  | 136 | 106 | 76  | 46   |
| A              | 1   | 2   | 2   | 2   | 3   | 3   | 4   | 4   | 5   | 6   | 7    |
| N              | 6   | 8   | 2   | 8   | 10  | 10  | 12  | 12  | 14  | 16  | 18   |
| 重量 Weight (Kg) | 7   | 7.5 | 8   | 8.5 | 9   | 9.5 | 10  | 11  | 12  | 13  | 14   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW100-2P-CM 直接安裝 motor direct installed

單位 Unit: mm



|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 370 | 420 | 470 | 520 | 570 | 620 | 670 | 770 | 870 | 970 | 1070 |
| B              | 20  | 70  | 120 | 40  | 90  | 140 | 60  | 30  | 130 | 100 | 70   |
| A              | 2   | 2   | 2   | 3   | 3   | 3   | 4   | 5   | 5   | 6   | 7    |
| N              | 8   | 8   | 8   | 10  | 10  | 10  | 12  | 14  | 14  | 16  | 18   |
| 重量 Weight (Kg) | 7   | 7.5 | 8   | 8.5 | 9   | 9.5 | 10  | 11  | 12  | 13  | 14   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
J linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

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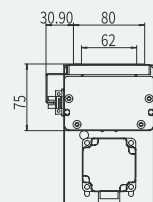
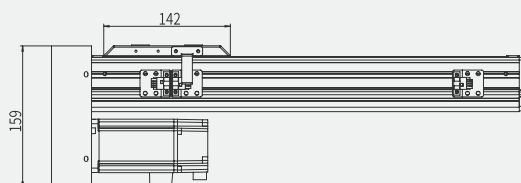
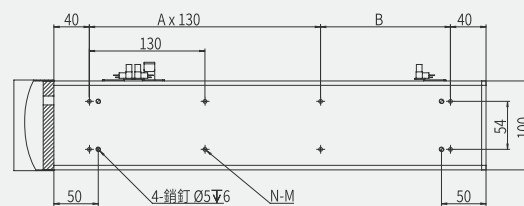
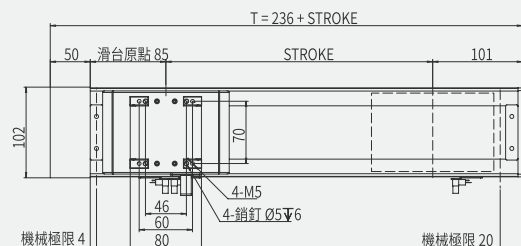
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單位 Unit: mm

AIMSW100-1P-DM 馬達下側間接安裝 motor downside parallel installed



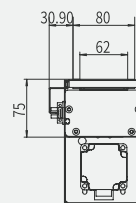
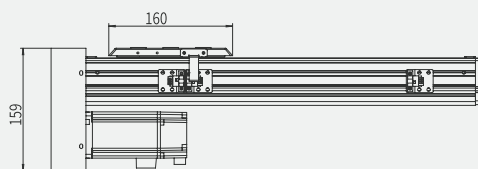
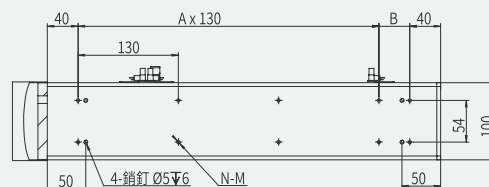
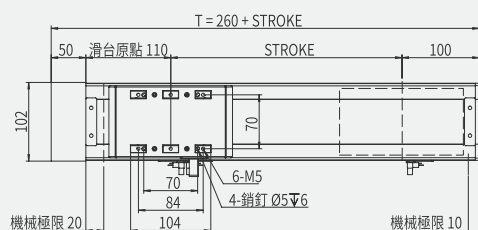
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 336 | 386 | 436 | 486 | 536 | 586 | 636 | 736 | 836 | 936 | 1036 |
| B              | 76  | 126 | 46  | 96  | 146 | 66  | 116 | 86  | 56  | 156 | 126  |
| A              | 1   | 1   | 2   | 2   | 2   | 3   | 3   | 4   | 5   | 5   | 6    |
| N              | 6   | 6   | 8   | 8   | 8   | 10  | 10  | 12  | 14  | 14  | 16   |
| 重量 Weight (Kg) | 7   | 7.5 | 8   | 8.5 | 9   | 9.5 | 10  | 11  | 12  | 13  | 14   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

AIMSW100-2P-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm



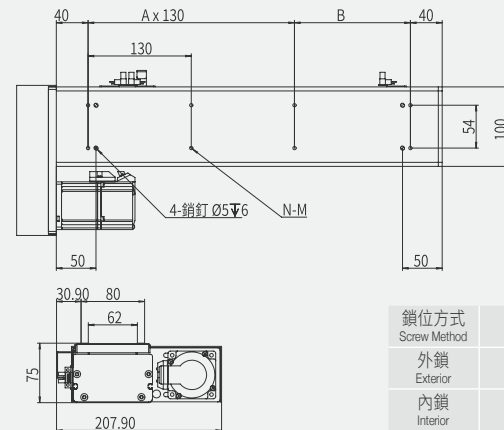
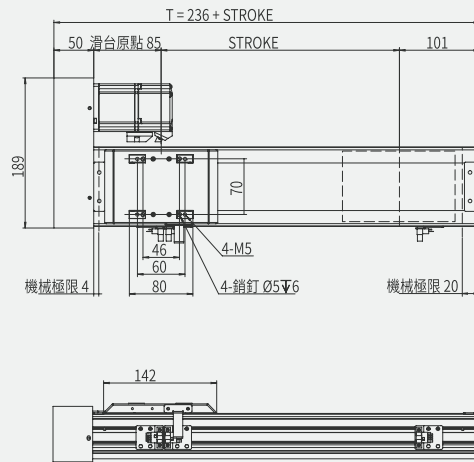
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 360 | 410 | 460 | 510 | 560 | 610 | 660 | 760 | 860 | 960 | 1060 |
| B              | 100 | 150 | 70  | 120 | 40  | 90  | 140 | 110 | 80  | 50  | 150  |
| A              | 1   | 1   | 2   | 2   | 3   | 3   | 3   | 4   | 5   | 6   | 6    |
| N              | 6   | 6   | 8   | 8   | 10  | 10  | 10  | 12  | 14  | 16  | 16   |
| 重量 Weight (Kg) | 7   | 7.5 | 8   | 8.5 | 9   | 9.5 | 10  | 11  | 12  | 13  | 14   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW100-1P-LM 馬達左側間接安裝 motor leftside parallel installed

單位 Unit: mm



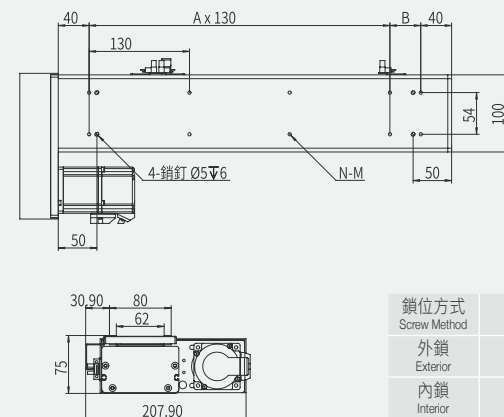
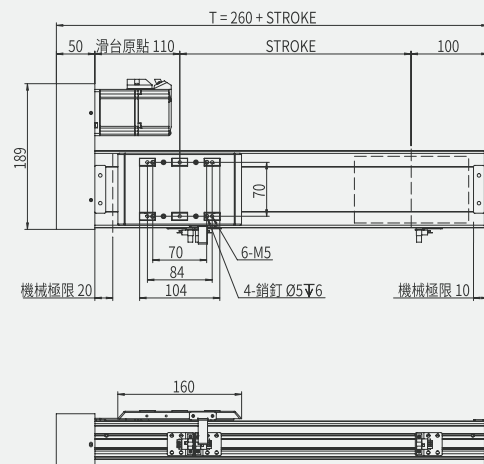
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 336 | 386 | 436 | 486 | 536 | 586 | 636 | 736 | 836 | 936 | 1036 |
| B              | 76  | 126 | 46  | 96  | 146 | 66  | 116 | 86  | 56  | 156 | 126  |
| A              | 1   | 1   | 2   | 2   | 2   | 3   | 3   | 4   | 5   | 5   | 6    |
| N              | 6   | 6   | 8   | 8   | 8   | 10  | 10  | 12  | 14  | 14  | 16   |
| 重量 Weight (Kg) | 7   | 7.5 | 8   | 8.5 | 9   | 9.5 | 10  | 11  | 12  | 13  | 14   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW100-2P-LM 馬達左側間接安裝 motor leftside parallel installed

單位 Unit: mm



|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 360 | 410 | 460 | 510 | 560 | 610 | 660 | 760 | 860 | 960 | 1060 |
| B              | 100 | 150 | 70  | 120 | 40  | 90  | 140 | 110 | 80  | 50  | 150  |
| A              | 1   | 1   | 2   | 2   | 3   | 3   | 3   | 4   | 5   | 6   | 6    |
| N              | 6   | 6   | 8   | 8   | 10  | 10  | 10  | 12  | 14  | 16  | 16   |
| 重量 Weight (Kg) | 7   | 7.5 | 8   | 8.5 | 9   | 9.5 | 10  | 11  | 12  | 13  | 14   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

45

65

70

100

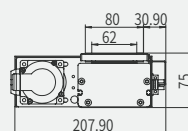
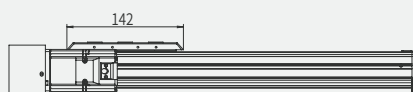
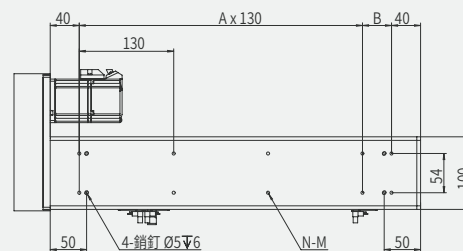
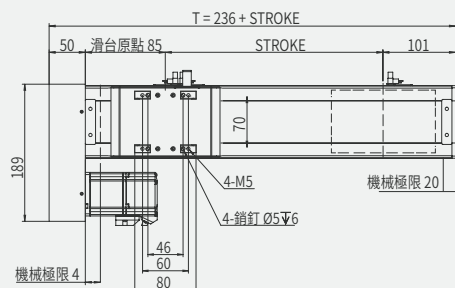
134

178

202

AIMSW100-1P-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



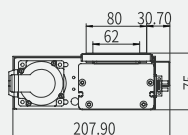
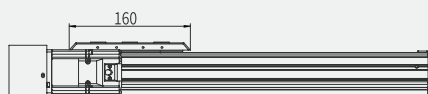
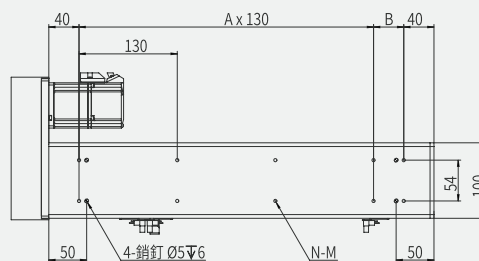
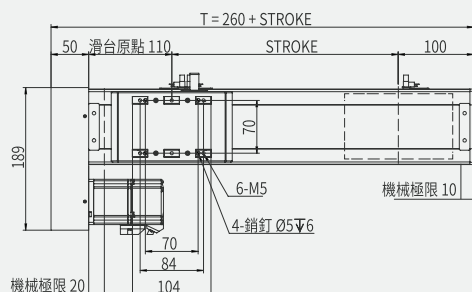
|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 336 | 386 | 436 | 486 | 536 | 586 | 636 | 736 | 836 | 936 | 1036 |
| B              | 76  | 126 | 46  | 96  | 146 | 66  | 116 | 86  | 56  | 156 | 126  |
| A              | 1   | 1   | 2   | 2   | 2   | 3   | 3   | 4   | 5   | 5   | 6    |
| N              | 6   | 6   | 8   | 8   | 8   | 10  | 10  | 12  | 14  | 14  | 16   |
| 重量 Weight (Kg) | 7   | 7.5 | 8   | 8.5 | 9   | 9.5 | 10  | 11  | 12  | 13  | 14   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

AIMSW100-2P-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



|                      |      |
|----------------------|------|
| 鎖位方式<br>Screw Method | M    |
| 外鎖<br>Exterior       | M5   |
| 內鎖<br>Interior       | Φ5.5 |

| 行程 Stroke      | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| T              | 360 | 410 | 460 | 510 | 560 | 610 | 660 | 760 | 860 | 960 | 1060 |
| B              | 100 | 150 | 70  | 120 | 40  | 90  | 140 | 110 | 80  | 50  | 150  |
| A              | 1   | 1   | 2   | 2   | 3   | 3   | 3   | 4   | 5   | 6   | 6    |
| N              | 6   | 6   | 8   | 8   | 10  | 10  | 10  | 12  | 14  | 16  | 16   |
| 重量 Weight (Kg) | 7   | 7.5 | 8   | 8.5 | 9   | 9.5 | 10  | 11  | 12  | 13  | 14   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# 日規全密螺桿直線電缸滑台

JP. SEALED SPINDLE AXES LINEAR ACTUATOR

AIMSW



產品專利號: 2016109751128 National Patent of China

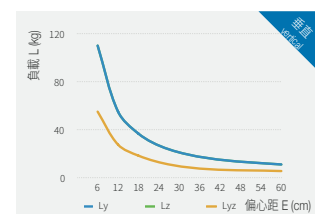
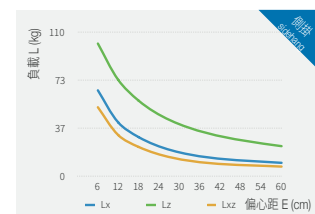
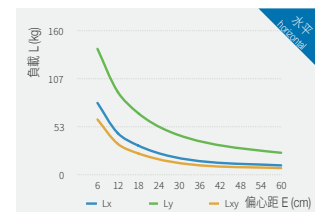
## AIMSW - 134 - 400 - 2010 - 2P - OL - CM - M400 - O - S3

| 全密螺桿<br>Sealed Spindle Axis | 缸徑<br>Size (mm) | 行程<br>Stroke (mm) | 規格<br>Ball Screw Size (mm) | 滑塊數量<br>Number of Slides             | 鎖位<br>Assembly Position             | 馬達安裝位置<br>Motor Position                                                                                           | 馬達功率<br>Motor Power (W)                                                                       | 光電開關<br>Optical Proximity Sensor Position                | 開關數<br>Number of Sensors                       |
|-----------------------------|-----------------|-------------------|----------------------------|--------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------|
| 直徑<br>Φ                     | 導程<br>Pitch     | 直徑<br>Φ           | 導程<br>Pitch                | 2P 2個<br>2 Sides<br>4P 4個<br>4 Sides | OL 外鎖<br>Outside<br>IL 內鎖<br>Inside | CM 直接安裝<br>Direct<br>DM 下側間接<br>Downside Parallel<br>LM 左側間接<br>Leftside Parallel<br>RM 右側間接<br>Rightside Parallel | M 三菱<br>Mitsubishi<br>P 松下<br>Panasonic<br>Y 安川<br>Yaskawa<br>T 台達<br>Delta<br>O 其他<br>Others | 無<br>None<br>O 外掛<br>Hang Outside<br>I 內藏<br>Hide Inside | S3 3個開關<br>3x Sensors<br>Sn n個開關<br>nx Sensors |
| 16                          | 05<br>10<br>20  | 20                | 05<br>10<br>20<br>40       |                                      |                                     |                                                                                                                    | 400                                                                                           |                                                          |                                                |

● 有選項 Optional ● 無選項 No options

|                              |                                                            |      |     |      |      |      |
|------------------------------|------------------------------------------------------------|------|-----|------|------|------|
| 馬達輸出<br>Motor Power (W)      | 400                                                        |      |     |      |      |      |
| 額定扭矩<br>Torque (Nm)          | 1.27                                                       |      |     |      |      |      |
| 螺桿等級<br>Ball Screw Level     | C7轉造 / C5研磨<br>C7 Rolled Ball Screw / C5 Ground Ball Screw |      |     |      |      |      |
| 重複定位精度<br>Rep. Accuracy (mm) | ±0.01 / ±0.005                                             |      |     |      |      |      |
| 螺桿規格<br>Ball Screw Size (mm) | Ø16                                                        | 05   | 10  |      | 20   |      |
|                              | Ø20                                                        | 05   | 10  | 20   |      | 40   |
| 額定推力<br>Nominal Thrust (N)   |                                                            | 1360 | 680 | 340  | 340  | 170  |
| 最高速度<br>Max. Speed (mm/s)    |                                                            | 250  | 500 | 1000 | 1000 | 2000 |
| 行程範圍<br>Stroke Range (mm)    | 100...1500 / 100 間隔 Pitch                                  |      |     |      |      |      |
| 最大<br>負載值<br>Max. Load (kg)  | 水平<br>Horizontal                                           | 2P   | 55  | 50   | 25   | 20   |
|                              |                                                            | 4P   | 85  | 70   | 40   | 30   |
|                              | 側掛<br>Sidehang                                             | 2P   | 30  | 25   | 15   | 10   |
|                              |                                                            | 4P   | 40  | 35   | 20   | 15   |
|                              | 垂直<br>Vertical                                             | 2P   | 15  | 10   | 8    | 5    |
|                              |                                                            | 4P   | 20  | 15   | 10   | 8    |

|                                                         |                       |       |
|---------------------------------------------------------|-----------------------|-------|
| 滑塊數量<br>Number of Slides                                | 2P                    | 4P    |
| 力和力矩<br>Force and torques                               | F <sub>y</sub> (N)    | 1080  |
|                                                         | F <sub>z</sub> (N)    | 1950  |
|                                                         | M <sub>x</sub> (N.m)  | 124   |
|                                                         | M <sub>y</sub> (N.m)  | 66    |
|                                                         | M <sub>z</sub> (N.m)  | 66    |
|                                                         | L <sub>xx</sub> (cm²) | 30    |
| 面積二次矩<br>2nd moment of area                             | L <sub>yy</sub> (cm²) | 542.6 |
| 0mm行程基本重量<br>Basic Weight for 0mm Stroke (kg)           | 6.4                   |       |
| 每100mm行程增加重量<br>Additional Weight per 100mm Stroke (kg) | 1.4                   |       |
| 光電開關<br>Optical Proximity Sensor                        | SUX-PM-L45            |       |



以上負載力矩曲線，客戶選用之負載需在我司產品最大負載範圍內 Above load torque curve, the loading should be within the maximum load range

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

45

65

70

100

134

178

202

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

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Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

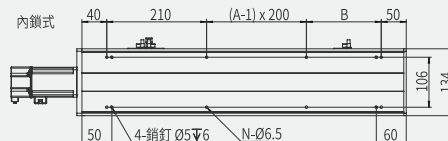
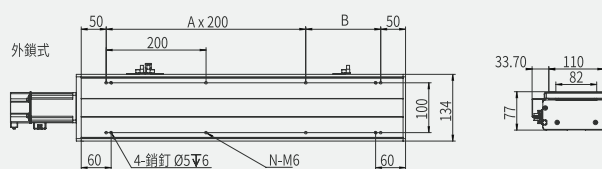
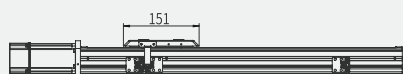
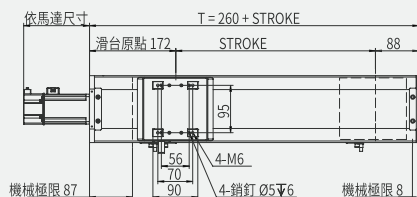
全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

## AIMSW134-2P-CM 直接安裝 motor direct installed

單位 Unit: mm

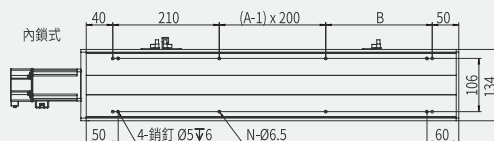
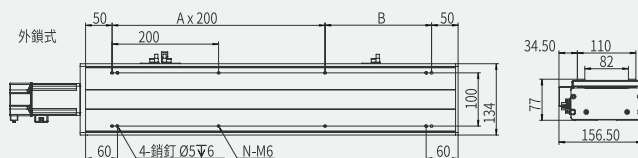
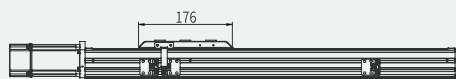
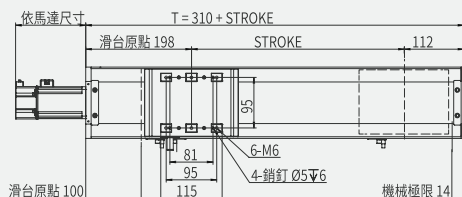


| 行程 Stroke      | 100 | 200 | 300  | 400 | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|
| T              | 360 | 460 | 560  | 660 | 760  | 860  | 960  | 1060 | 1160 | 1260 | 1360 | 1460 | 1560 | 1660 | 1760 |
| B              | 50  | 150 | 50   | 150 | 50   | 150  | 50   | 150  | 50   | 150  | 50   | 150  | 50   | 150  | 50   |
| A              | 1   | 1   | 2    | 2   | 3    | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    |
| N              | 6   | 6   | 8    | 8   | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   |
| 重量 Weight (Kg) | 7.8 | 9.2 | 10.6 | 12  | 13.4 | 14.8 | 16.2 | 17.6 | 19   | 20.4 | 21.8 | 23.2 | 24.6 | 26   | 27.4 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

## AIMSW134-4P-CM 直接安裝 motor direct installed

單位 Unit: mm



| 行程 Stroke      | 100  | 200  | 300  | 400  | 500 | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|
| T              | 410  | 510  | 610  | 710  | 810 | 910  | 1010 | 1110 | 1210 | 1310 | 1410 | 1510 | 1610 | 1710 | 1810 |
| B              | 100  | 200  | 100  | 200  | 100 | 200  | 100  | 200  | 100  | 200  | 100  | 200  | 100  | 200  | 100  |
| A              | 1    | 1    | 2    | 2    | 3   | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    |
| N              | 6    | 6    | 8    | 8    | 10  | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   |
| 重量 Weight (Kg) | 10.4 | 11.8 | 13.2 | 14.6 | 16  | 17.4 | 18.8 | 20.2 | 21.6 | 23   | 24.4 | 25.8 | 27.2 | 28.6 | 30   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

SW

32

45

65

70

100

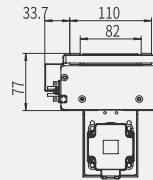
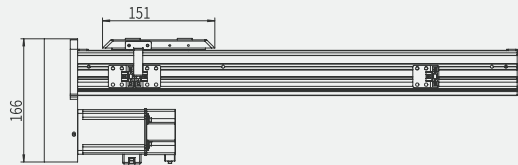
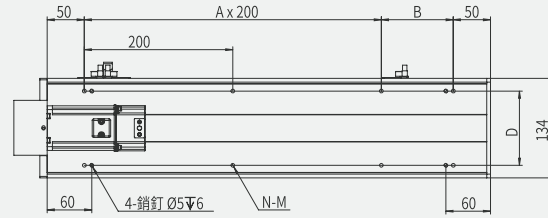
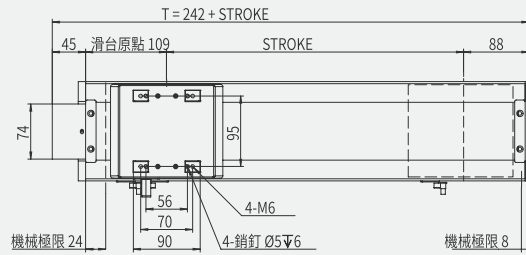
134

178

202

# AIMSW134-2P-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm



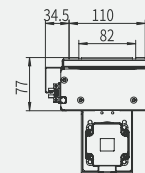
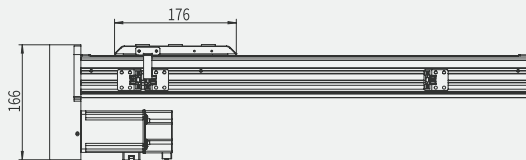
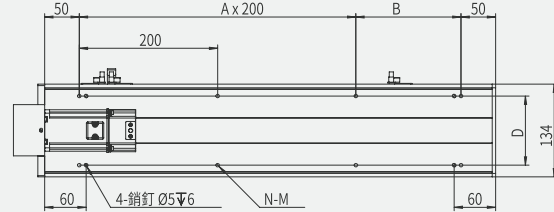
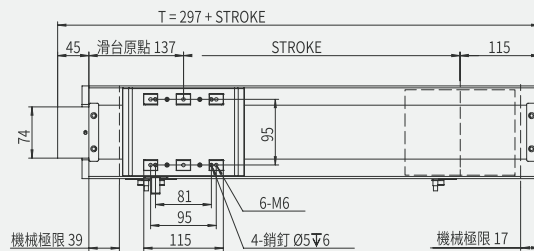
| 鎖位方式<br>Screw Method | D   | M    |
|----------------------|-----|------|
| 外鎖<br>Exterior       | 100 | M6   |
| 內鎖<br>Interior       | 106 | Φ6.5 |

| 行程 Stroke      | 100 | 200 | 300  | 400 | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|
| T              | 342 | 442 | 542  | 642 | 742  | 842  | 942  | 1042 | 1142 | 1242 | 1342 | 1442 | 1542 | 1642 | 1742 |
| B              | 197 | 97  | 197  | 97  | 197  | 97   | 197  | 97   | 197  | 97   | 197  | 97   | 197  | 97   | 197  |
| A              | 0   | 1   | 1    | 2   | 2    | 3    | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    |
| N              | 4   | 6   | 6    | 8   | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   |
| 重量 Weight (Kg) | 7.8 | 9.2 | 10.6 | 12  | 13.4 | 14.8 | 16.2 | 17.6 | 19   | 20.4 | 21.8 | 23.2 | 24.6 | 26   | 27.4 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW134-4P-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm



| 鎖位方式<br>Screw Method | D   | M    |
|----------------------|-----|------|
| 外鎖<br>Exterior       | 100 | M6   |
| 內鎖<br>Interior       | 106 | Φ6.5 |

| 行程 Stroke      | 100  | 200  | 300  | 400  | 500 | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|
| T              | 397  | 497  | 597  | 697  | 797 | 897  | 997  | 1097 | 1197 | 1297 | 1397 | 1497 | 1597 | 1697 | 1797 |
| B              | 52   | 152  | 52   | 152  | 52  | 152  | 52   | 152  | 52   | 152  | 52   | 152  | 52   | 152  | 52   |
| A              | 1    | 1    | 2    | 2    | 3   | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    |
| N              | 6    | 6    | 8    | 8    | 10  | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   |
| 重量 Weight (Kg) | 10.4 | 11.8 | 13.2 | 14.6 | 16  | 17.4 | 18.8 | 20.2 | 21.6 | 23   | 24.4 | 25.8 | 27.2 | 28.6 | 30   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
J linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

45

65

70

100

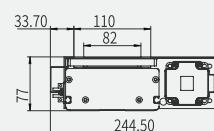
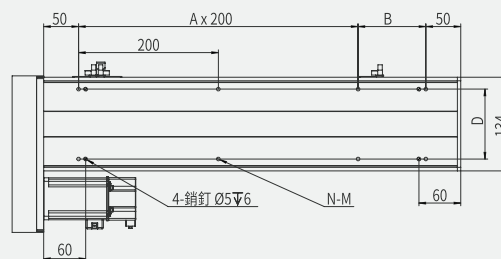
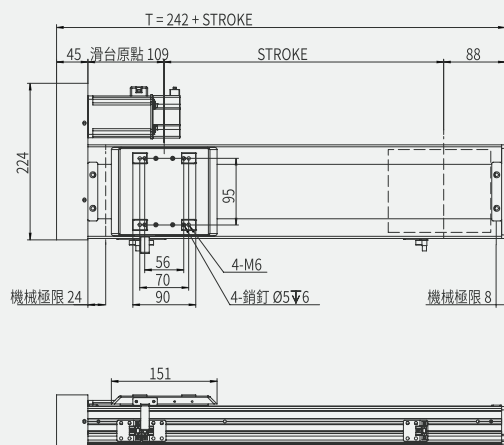
134

178

202

單位 Unit: mm

AIMSW134-2P-LM 馬達左側間接安裝 motor leftside parallel installed



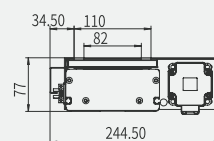
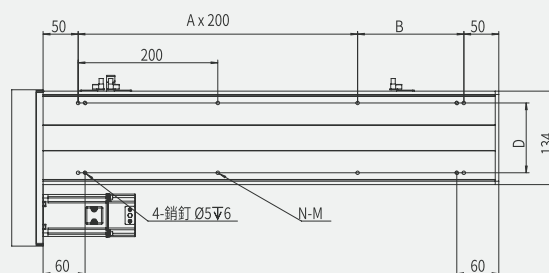
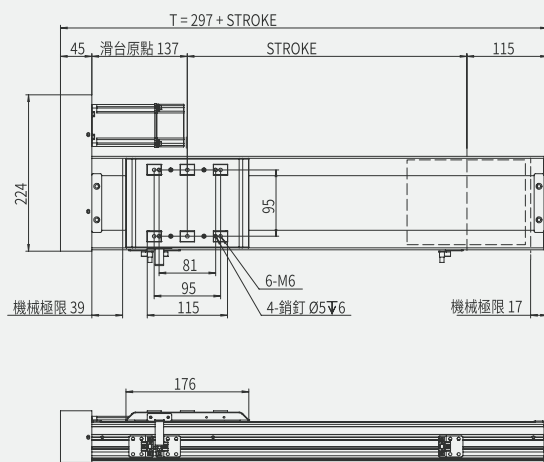
| 鎖位方式<br>Screw Method | D   | M    |
|----------------------|-----|------|
| 外鎖<br>Exterior       | 100 | M6   |
| 內鎖<br>Interior       | 106 | Φ6.5 |

| 行程 Stroke      | 100 | 200 | 300  | 400 | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|
| T              | 342 | 442 | 542  | 642 | 742  | 842  | 942  | 1042 | 1142 | 1242 | 1342 | 1442 | 1542 | 1642 | 1742 |
| B              | 197 | 97  | 197  | 97  | 197  | 97   | 197  | 97   | 197  | 97   | 197  | 97   | 197  | 97   | 197  |
| A              | 0   | 1   | 1    | 2   | 2    | 3    | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    |
| N              | 4   | 6   | 6    | 8   | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   |
| 重量 Weight (Kg) | 7.8 | 9.2 | 10.6 | 12  | 13.4 | 14.8 | 16.2 | 17.6 | 19   | 20.4 | 21.8 | 23.2 | 24.6 | 26   | 27.4 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

AIMSW134-4P-LM 馬達左側間接安裝 motor leftside parallel installed

單位 Unit: mm



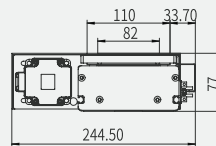
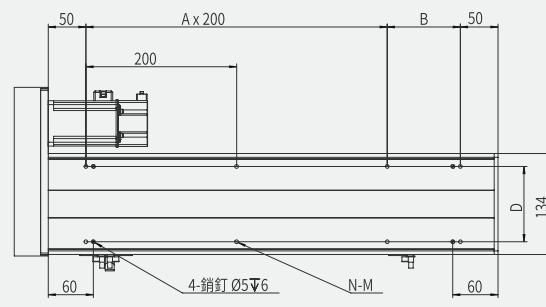
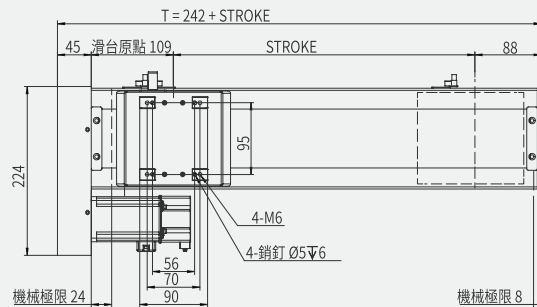
| 鎖位方式<br>Screw Method | D   | M    |
|----------------------|-----|------|
| 外鎖<br>Exterior       | 100 | M6   |
| 內鎖<br>Interior       | 106 | Φ6.5 |

| 行程 Stroke      | 100  | 200  | 300  | 400  | 500 | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|
| T              | 397  | 497  | 597  | 697  | 797 | 897  | 997  | 1097 | 1197 | 1297 | 1397 | 1497 | 1597 | 1697 | 1797 |
| B              | 52   | 152  | 52   | 152  | 52  | 152  | 52   | 152  | 52   | 152  | 52   | 152  | 52   | 152  | 52   |
| A              | 1    | 1    | 2    | 2    | 3   | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    |
| N              | 6    | 6    | 8    | 8    | 10  | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   |
| 重量 Weight (Kg) | 10.4 | 11.8 | 13.2 | 14.6 | 16  | 17.4 | 18.8 | 20.2 | 21.6 | 23   | 24.4 | 25.8 | 27.2 | 28.6 | 30   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW134-2P-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



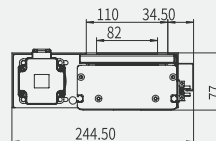
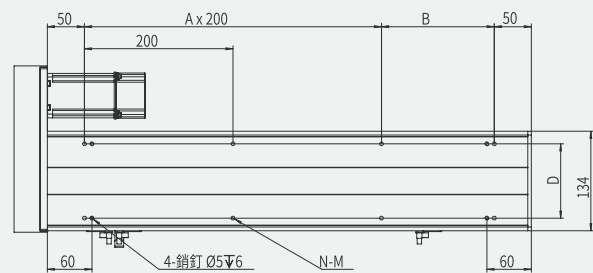
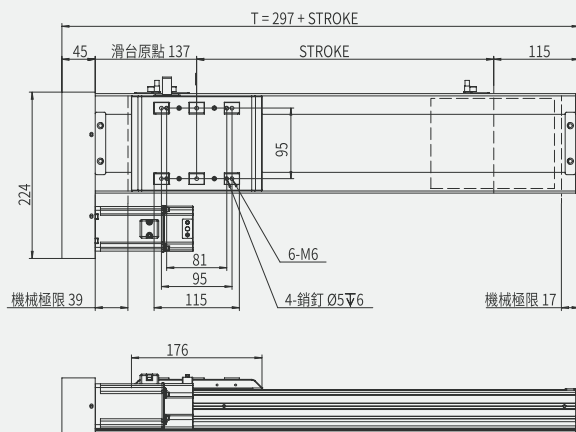
| 鎖位方式<br>Screw Method | D   | M    |
|----------------------|-----|------|
| 外鎖<br>Exterior       | 100 | M6   |
| 內鎖<br>Interior       | 106 | Φ6.5 |

| 行程 Stroke      | 100 | 200 | 300  | 400 | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|
| T              | 342 | 442 | 542  | 642 | 742  | 842  | 942  | 1042 | 1142 | 1242 | 1342 | 1442 | 1542 | 1642 | 1742 |
| B              | 197 | 97  | 197  | 97  | 197  | 97   | 197  | 97   | 197  | 97   | 197  | 97   | 197  | 97   | 197  |
| A              | 0   | 1   | 1    | 2   | 2    | 3    | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    |
| N              | 4   | 6   | 6    | 8   | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   |
| 重量 Weight (Kg) | 7.8 | 9.2 | 10.6 | 12  | 13.4 | 14.8 | 16.2 | 17.6 | 19   | 20.4 | 21.8 | 23.2 | 24.6 | 26   | 27.4 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW134-4P-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



| 鎖位方式<br>Screw Method | D   | M    |
|----------------------|-----|------|
| 外鎖<br>Exterior       | 100 | M6   |
| 內鎖<br>Interior       | 106 | Φ6.5 |

| 行程 Stroke      | 100  | 200  | 300  | 400  | 500 | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|
| T              | 397  | 497  | 597  | 697  | 797 | 897  | 997  | 1097 | 1197 | 1297 | 1397 | 1497 | 1597 | 1697 | 1797 |
| B              | 52   | 152  | 52   | 152  | 52  | 152  | 52   | 152  | 52   | 152  | 52   | 152  | 52   | 152  | 52   |
| A              | 1    | 1    | 2    | 2    | 3   | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    |
| N              | 6    | 6    | 8    | 8    | 10  | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   |
| 重量 Weight (Kg) | 10.4 | 11.8 | 13.2 | 14.6 | 16  | 17.4 | 18.8 | 20.2 | 21.6 | 23   | 24.4 | 25.8 | 27.2 | 28.6 | 30   |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

45

65

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100

134

178

202

# 日規全密螺桿直線電缸滑台

JP. SEALED SPINDLE AXES LINEAR ACTUATOR

|                                         |
|-----------------------------------------|
| 日規電缸滑台<br>JP linear actuator            |
| 歐規電缸滑台<br>EU linear actuator            |
| 超長型電缸滑台<br>Super length linear actuator |
| 活塞杆電動缸<br>Cylinder actuator             |
| 旋轉台<br>Rotary stage                     |
| 精密對位平台<br>Precision alignment stage     |
| 減速機<br>Gear reducer                     |
| 十字轉向器<br>Bevel gearbox                  |
| 半密螺桿<br>Semi sealed spindle axes        |
| 全密螺桿<br>Sealed spindle axes             |
| 半密同步帶<br>Semi sealed toothed belt axes  |
| 全密同步帶<br>Sealed toothed belt axes       |



產品專利號: 2016109751128 National Patent of China

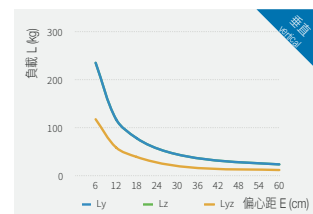
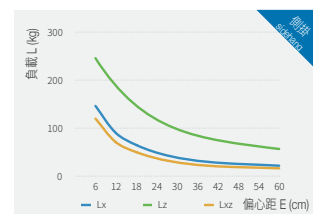
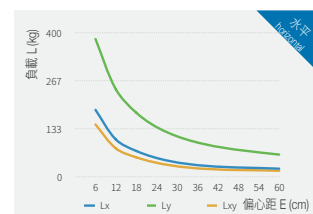
## AIMSW - 178 - 400 - 2010 - 4P - OL - CM - M750 - O - S3

| 全密螺桿<br>Sealed Spindle Axes | 缸徑<br>Size (mm) |             | 行程<br>Stroke (mm) |                | 規格<br>Ball Screw Size (mm) |             | 滑塊數量<br>Number of Slides | 鎖位<br>Assembly Position             | 馬達安裝位置<br>Motor Position                                                                                           | 馬達功率<br>Motor Power (W)                                                                       | 光電開關<br>Optical Proximity Sensor Position                | 開關數<br>Number of Sensors                         |
|-----------------------------|-----------------|-------------|-------------------|----------------|----------------------------|-------------|--------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------|
|                             | 直徑<br>Φ         | 導程<br>Pitch | 直徑<br>Φ           | 導程<br>Pitch    | 直徑<br>Φ                    | 導程<br>Pitch | 4P 4 個<br>4 Slides       | OL 外鎖<br>Outside<br>IL 內鎖<br>Inside | CM 直接安裝<br>Direct<br>DM 下側間接<br>Downside Parallel<br>LM 左側間接<br>Leftside Parallel<br>RM 右側間接<br>Rightside Parallel | M 三菱<br>Mitsubishi<br>P 松下<br>Panasonic<br>Y 安川<br>Yaskawa<br>T 台達<br>Delta<br>O 其他<br>Others | 無<br>None<br>O 外掛<br>Hang Outside<br>I 內藏<br>Hide Inside | S3 3 個開關<br>3x Sensors<br>Sn n 個開關<br>nx Sensors |
| 16                          | 05              | 20          | 05                | 10<br>20<br>40 | 25                         | 10<br>25    |                          |                                     |                                                                                                                    |                                                                                               |                                                          |                                                  |
|                             | 10              |             |                   |                |                            |             |                          |                                     |                                                                                                                    |                                                                                               |                                                          |                                                  |
|                             | 20              |             |                   |                |                            |             |                          |                                     |                                                                                                                    |                                                                                               | 750                                                      |                                                  |

● 有選項 Optional ● 無選項 No options

|                              |                                                              |                           |      |      |      |      |    |
|------------------------------|--------------------------------------------------------------|---------------------------|------|------|------|------|----|
| 馬達輸出<br>Motor Power (W)      | 750                                                          |                           |      |      |      |      |    |
| 額定扭矩<br>Torque (Nm)          | 2.39                                                         |                           |      |      |      |      |    |
| 螺桿等級<br>Ball Screw Level     | C7 轉造 / C5 研磨<br>C7 Rolled Ball Screw / C5 Ground Ball Screw |                           |      |      |      |      |    |
| 重複定位精度<br>Rep. Accuracy (mm) | ±0.01 / ±0.005                                               |                           |      |      |      |      |    |
| 螺桿規格<br>Ball Screw Size (mm) | Ø16                                                          | 05                        | 10   | 20   |      |      |    |
|                              | Ø20                                                          | 05                        | 10   |      | 20   |      | 40 |
|                              | Ø25                                                          | 05                        | 10   |      |      | 25   |    |
| 額定推力<br>Nominal Thrust (N)   | 2550                                                         | 1280                      | 640  | 640  | 510  | 300  |    |
| 最高速度<br>Max. Speed (mm/s)    | 250                                                          | 500                       | 1000 | 1000 | 1250 | 2000 |    |
| 行程範圍<br>Stroke Range (mm)    | Ø16                                                          | 100...1500 / 100 間隔 Pitch |      |      |      |      |    |
|                              | Ø20                                                          |                           |      |      |      |      |    |
|                              | Ø25                                                          | 100...2000 / 100 間隔 Pitch |      |      |      |      |    |
| 最大負載值<br>Max. Load (Kg)      | 水平<br>Horizontal                                             | 120                       | 100  | 40   | 70   | 70   | 40 |
|                              | 側掛<br>Sidehang                                               | 80                        | 70   | 30   | 40   | 40   | 30 |
|                              | 垂直<br>Vertical                                               | 50                        | 40   | 20   | 30   | 30   | 20 |

|                                                         |                                               |      |
|---------------------------------------------------------|-----------------------------------------------|------|
| 滑塊數量<br>Number of Slides                                | 4P                                            |      |
| 力和力矩<br>Force and torques                               | F <sub>y</sub> (N)                            | 3900 |
|                                                         | F <sub>z</sub> (N)                            | 9000 |
|                                                         | M <sub>x</sub> (N.m)                          | 400  |
|                                                         | M <sub>y</sub> (N.m)                          | 141  |
|                                                         | M <sub>z</sub> (N.m)                          | 141  |
|                                                         | L <sub>xx</sub> (cm²)                         | 81.7 |
| 面積二次矩<br>2nd moment of area                             | L <sub>yy</sub> (cm²)                         | 1515 |
|                                                         | 0mm行程基本重量<br>Basic Weight for 0mm Stroke (kg) | 12.5 |
| 每100mm行程增加重量<br>Additional Weight per 100mm Stroke (kg) |                                               | 2.5  |
| 光電開關<br>Optical Proximity Sensor                        | SUX-PM-L45                                    |      |



以上負載力矩曲線，客戶選用之負載需在我司產品最大負載範圍內 Above load torque curve, the loading should be within the maximum load range

SW

32

45

65

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100

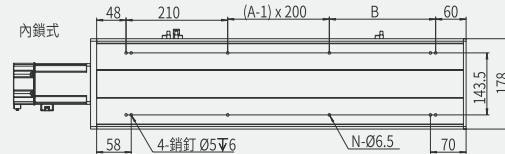
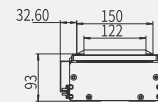
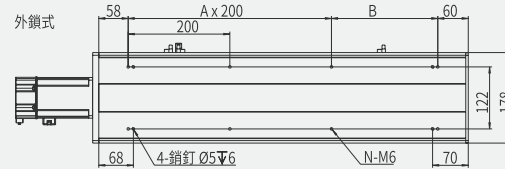
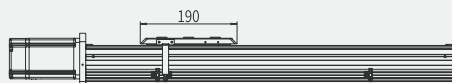
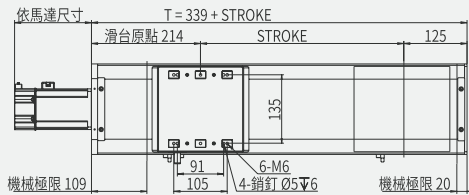
134

178

202

# AIMSW178-4P-CM 直接安裝 motor direct installed

單位 Unit: mm

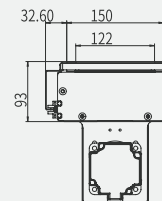
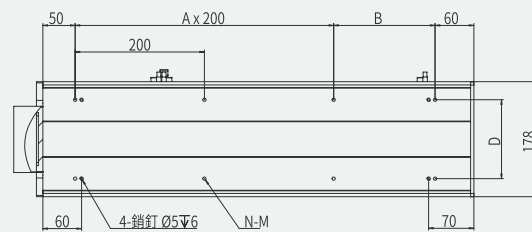
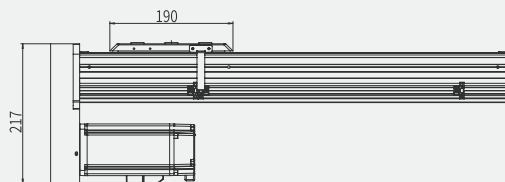
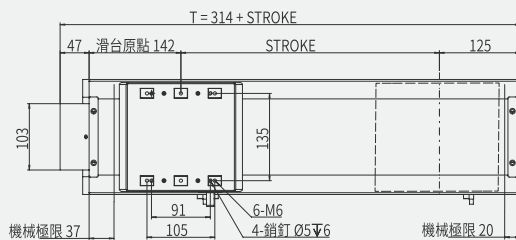


| 行程 Stroke      | 200 | 300  | 400 | 500  | 600 | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 |
|----------------|-----|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| T              | 539 | 639  | 739 | 839  | 939 | 1039 | 1139 | 1239 | 1339 | 1439 | 1539 | 1639 | 1739 | 1839 | 1939 | 2039 | 2139 | 2239 | 2339 | 2439 | 2539 |
| B              | 209 | 109  | 209 | 109  | 209 | 109  | 209  | 109  | 209  | 109  | 209  | 109  | 209  | 109  | 209  | 109  | 209  | 109  | 209  | 109  | 209  |
| A              | 1   | 2    | 2   | 3    | 3   | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    | 8    | 9    | 9    | 10   | 10   | 11   | 11   |
| N              | 6   | 8    | 8   | 10   | 10  | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   | 20   | 22   | 22   | 24   | 24   | 26   | 26   |
| 重量 Weight (Kg) | 16  | 18.5 | 21  | 23.5 | 26  | 28.5 | 31   | 33.5 | 36   | 38.5 | 41   | 43.5 | 46   | 48.5 | 51   | 53.5 | 56   | 61   | 63.5 | 66   | 68.5 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW178-4P-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm



| 鎖位方式<br>Screw Method | D     | M    |
|----------------------|-------|------|
| 外鎖<br>Exterior       | 122   | M6   |
| 內鎖<br>Interior       | 143.5 | Φ6.5 |

| 行程 Stroke      | 200  | 300 | 400  | 500 | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 |
|----------------|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| T              | 514  | 614 | 714  | 814 | 914  | 1014 | 1114 | 1214 | 1314 | 1414 | 1514 | 1614 | 1714 | 1814 | 1914 | 2014 | 2114 | 2214 | 2314 | 2414 | 2514 |
| B              | 157  | 57  | 157  | 57  | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  |
| A              | 1    | 2   | 2    | 3   | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    | 8    | 9    | 9    | 10   | 10   | 11   | 11   |
| N              | 6    | 8   | 8    | 10  | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   | 20   | 22   | 22   | 24   | 24   | 26   | 26   |
| 重量 Weight (Kg) | 17.5 | 20  | 22.5 | 25  | 27.5 | 30   | 32.5 | 35   | 37.5 | 40   | 42.5 | 45   | 47.5 | 50   | 52.5 | 55   | 57.5 | 60   | 62.5 | 65   | 67.5 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axis

全密螺桿  
Sealed spindle axis

半密同步帶  
Semi sealed toothed belt axis

全密同步帶  
Sealed toothed belt axis

SW

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202

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活桿電缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

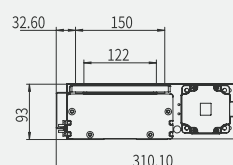
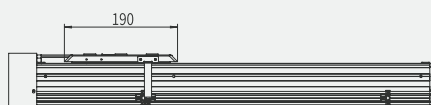
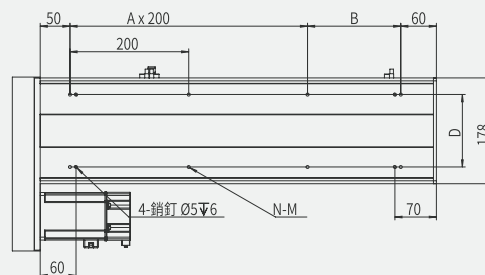
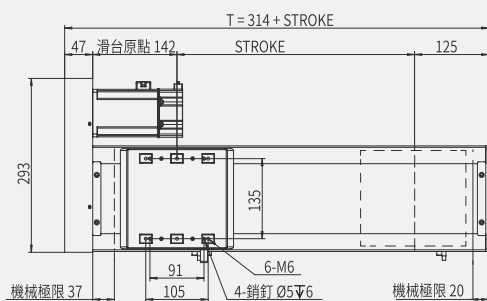
全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

AIMSW178-4P-LM 馬達左側間接安裝 motor leftside parallel installed

單位 Unit: mm



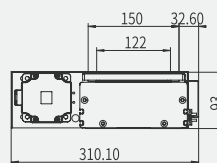
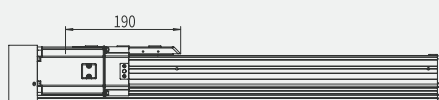
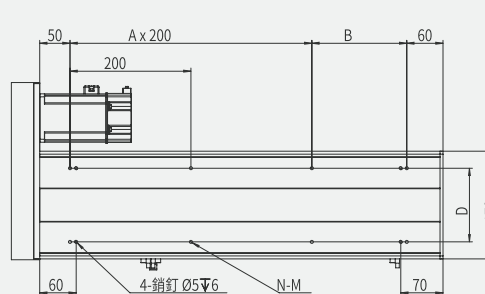
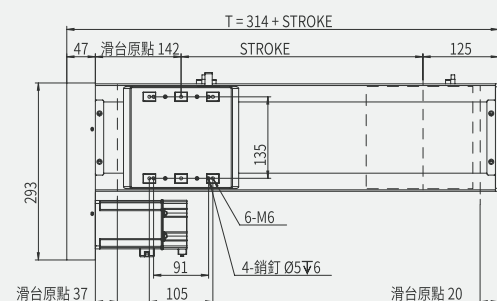
| 鎖位方式<br>Screw Method | D     | M    |
|----------------------|-------|------|
| 外鎖<br>Exterior       | 122   | M6   |
| 內鎖<br>Interior       | 143.5 | Φ6.5 |

| 行程 Stroke      | 200  | 300 | 400  | 500 | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 |
|----------------|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| T              | 514  | 614 | 714  | 814 | 914  | 1014 | 1114 | 1214 | 1314 | 1414 | 1514 | 1614 | 1714 | 1814 | 1914 | 2014 | 2114 | 2214 | 2314 | 2414 | 2514 |
| B              | 157  | 57  | 157  | 57  | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  |
| A              | 1    | 2   | 2    | 3   | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    | 8    | 9    | 9    | 10   | 10   | 11   | 11   |
| N              | 6    | 8   | 8    | 10  | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   | 20   | 22   | 22   | 24   | 24   | 26   | 26   |
| 重量 Weight (Kg) | 17.5 | 20  | 22.5 | 25  | 27.5 | 30   | 32.5 | 35   | 37.5 | 40   | 42.5 | 45   | 47.5 | 50   | 52.5 | 55   | 57.5 | 60   | 62.5 | 65   | 67.5 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

AIMSW178-4P-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



| 鎖位方式<br>Screw Method | D     | M    |
|----------------------|-------|------|
| 外鎖<br>Exterior       | 122   | M6   |
| 內鎖<br>Interior       | 143.5 | Φ6.5 |

| 行程 Stroke      | 200  | 300 | 400  | 500 | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 |
|----------------|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| T              | 514  | 614 | 714  | 814 | 914  | 1014 | 1114 | 1214 | 1314 | 1414 | 1514 | 1614 | 1714 | 1814 | 1914 | 2014 | 2114 | 2214 | 2314 | 2414 | 2514 |
| B              | 157  | 57  | 157  | 57  | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  | 57   | 157  |
| A              | 1    | 2   | 2    | 3   | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    | 8    | 9    | 9    | 10   | 10   | 11   | 11   |
| N              | 6    | 8   | 8    | 10  | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   | 20   | 22   | 22   | 24   | 24   | 26   | 26   |
| 重量 Weight (Kg) | 17.5 | 20  | 22.5 | 25  | 27.5 | 30   | 32.5 | 35   | 37.5 | 40   | 42.5 | 45   | 47.5 | 50   | 52.5 | 55   | 57.5 | 60   | 62.5 | 65   | 67.5 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

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# 日規全密螺桿直線電缸滑台

JP. SEALED SPINDLE AXES LINEAR ACTUATOR

AIMSW



產品專利號: 2016109751128 National Patent of China

## AIMSW - 202 - 400 - 2010 - 4P - OL - CM - M750 - O - S3

全密螺桿  
Sealed Spindle Axes

缸徑  
Size (mm)

行程  
Stroke (mm)

規格  
Ball Screw Size (mm)

滑塊數量  
Number of Slides

鎖位  
Assembly Position

馬達安裝位置  
Motor Position

馬達功率  
Motor Power (W)

光電開關  
Optical Proximity Sensor Position

開關數  
Number of Sensors

| 直徑<br>Φ | 導程<br>Pitch |
|---------|-------------|
| 25      | 05          |
|         | 10          |
|         | 25          |

| 直徑<br>Φ | 導程<br>Pitch |
|---------|-------------|
| 32      | 05          |
|         | 10          |
|         | 20          |
|         | 32          |

4P 4個  
4 Slides

OL 外鎖  
Outside  
IL 內鎖  
Inside

CM 直接安裝  
Direct  
DM 下側間接  
Downside Parallel  
LM 左側間接  
Leftside Parallel  
RM 右側間接  
Rightside Parallel

M 三菱  
Mitsubishi  
P 松下  
Panasonic  
Y 安川  
Yokawa  
T 台達  
Delta  
O 其他  
Others

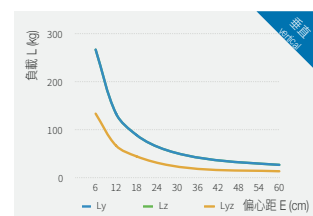
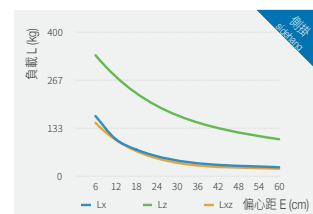
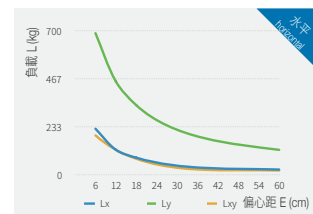
無  
None  
O 外掛  
Hang Outside  
I 內藏  
Hide Inside

S3 3個開關  
3x Sensors  
Sn n個開關  
nx Sensors

● 有選項 Optional ● 無選項 No options

|                              |                                                            |                         |      |      |      |      |
|------------------------------|------------------------------------------------------------|-------------------------|------|------|------|------|
| 馬達輸出<br>Motor Power (W)      | 750                                                        |                         |      |      |      |      |
| 額定扭矩<br>Torque (Nm)          | 2.39                                                       |                         |      |      |      |      |
| 螺桿等級<br>Ball Screw Level     | C7製造 / C5研磨<br>C7 Rolled Ball Screw / C5 Ground Ball Screw |                         |      |      |      |      |
| 重複定位精度<br>Rep. Accuracy (mm) | ±0.01 / ±0.005                                             |                         |      |      |      |      |
| 螺桿規格<br>Ball Screw Size (mm) | Ø25                                                        | 05                      | 10   |      | 25   |      |
|                              | Ø32                                                        | 05                      | 10   | 20   |      | 32   |
| 額定推力<br>Nominal Thrust (N)   |                                                            | 2550                    | 1280 | 640  | 510  | 400  |
| 最高速度<br>Max. Speed (mm/s)    |                                                            | 250                     | 500  | 1000 | 1250 | 1600 |
| 行程範圍<br>Stroke Range (mm)    | Ø25                                                        | 0...1500 / 100 間隔 Pitch |      |      |      |      |
|                              | Ø32                                                        |                         |      |      |      |      |
| 最大負載值<br>Max. Load (kg)      | 水平<br>Horizontal                                           | 140                     | 120  | 75   | 75   | 50   |
|                              | 側掛<br>Sidehang                                             | 100                     | 80   | 60   | 50   | 30   |
|                              | 垂直<br>Vertical                                             | 70                      | 60   | 30   | 30   | 20   |

|                                                         |                                               |       |
|---------------------------------------------------------|-----------------------------------------------|-------|
| 滑塊數量<br>Number of Slides                                | 4P                                            |       |
| 力和力矩<br>Force and torques                               | F <sub>y</sub> (N)                            | 4500  |
|                                                         | F <sub>z</sub> (N)                            | 14247 |
|                                                         | M <sub>x</sub> (N.m)                          | 800   |
|                                                         | M <sub>y</sub> (N.m)                          | 160   |
|                                                         | M <sub>z</sub> (N.m)                          | 160   |
|                                                         | L <sub>xx</sub> (cm²)                         | 160   |
| 面積二次矩<br>2nd moment of area                             | L <sub>yy</sub> (cm²)                         | 2354  |
|                                                         | 0mm行程基本重量<br>Basic Weight for 0mm Stroke (kg) | 12.5  |
| 每100mm行程增加重量<br>Additional Weight per 100mm Stroke (kg) |                                               | 2.5   |
| 光電開關<br>Optical Proximity Sensor                        | SUX-PM-L45                                    |       |



以上負載力矩曲線，客戶選用之負載需在我司產品最大負載範圍內 Above load torque curve, the loading should be within the maximum load range

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活套杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

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65

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100

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178

202

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

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Super length linear actuator

活塞杆電動缸  
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Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

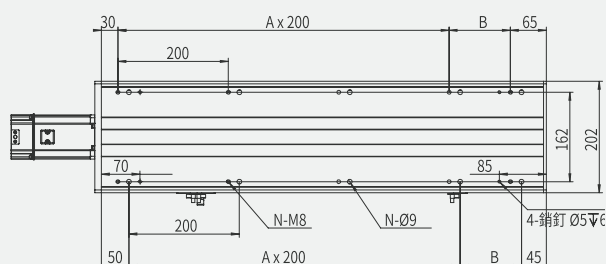
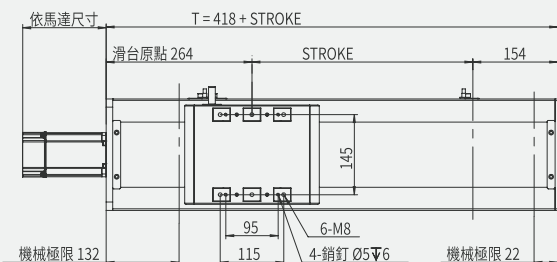
全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

AIMSW202-CM 直接安裝 motor direct installed

單位 Unit: mm

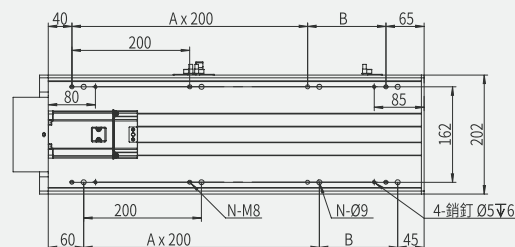
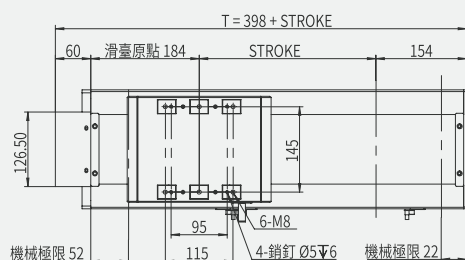


| 行程 Stroke      | 200  | 300  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| T              | 618  | 718  | 818  | 918  | 1018 | 1118 | 1218 | 1318 | 1418 | 1518 | 1618 | 1718 | 1818 | 1918 |
| B              | 98   | 198  | 98   | 198  | 98   | 198  | 98   | 198  | 98   | 198  | 98   | 198  | 98   | 198  |
| A              | 2    | 2    | 3    | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    | 8    |
| N              | 8    | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   | 20   |
| 重量 Weight (Kg) | 18.3 | 21.3 | 24.3 | 27.3 | 30.3 | 33.3 | 36.3 | 39.3 | 42.3 | 45.3 | 48.3 | 51.3 | 54.3 | 57.3 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

AIMSW202-DM 馬達下側間接安裝 motor downside parallel installed

單位 Unit: mm



| 行程 Stroke      | 200  | 300  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| T              | 598  | 698  | 798  | 898  | 998  | 1098 | 1198 | 1298 | 1398 | 1498 | 1598 | 1698 | 1798 | 1898 |
| B              | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  |
| A              | 1    | 2    | 2    | 3    | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    |
| N              | 6    | 8    | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   |
| 重量 Weight (Kg) | 19.5 | 22.5 | 25.5 | 28.5 | 31.5 | 34.5 | 37.5 | 40.5 | 43.5 | 46.5 | 49.5 | 52.5 | 55.5 | 58.5 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

SW

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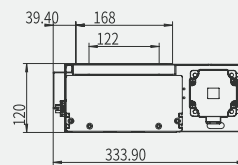
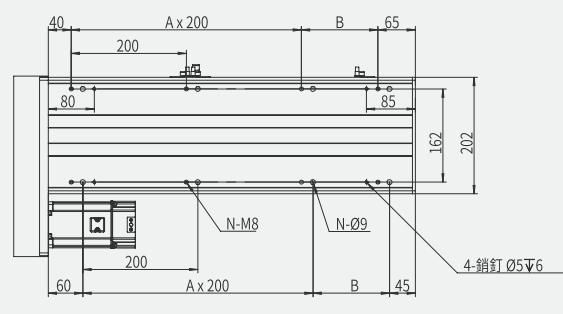
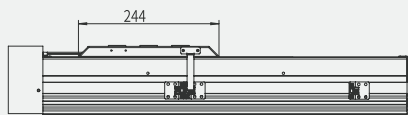
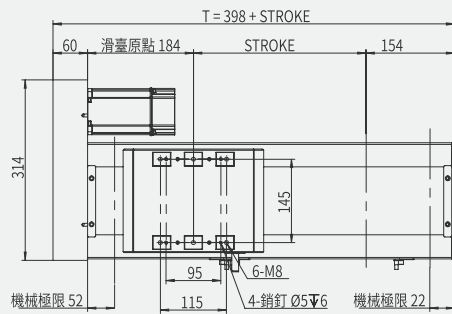
134

178

202

# AIMSW202-LM 馬達左側間接安裝 motor leftside parallel installed

單位 Unit: mm

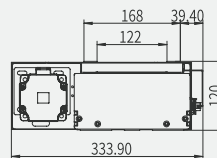
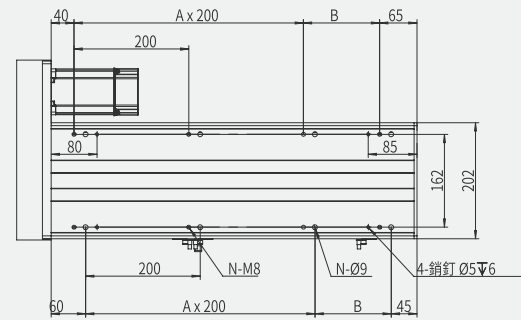
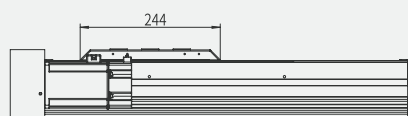
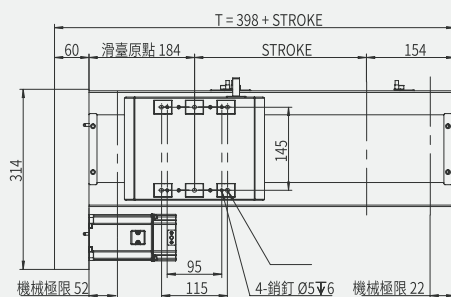


| 行程 Stroke      | 200  | 300  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| T              | 598  | 698  | 798  | 898  | 998  | 1098 | 1198 | 1298 | 1398 | 1498 | 1598 | 1698 | 1798 | 1898 |
| B              | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  |
| A              | 1    | 2    | 2    | 3    | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    |
| N              | 6    | 8    | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   |
| 重量 Weight (Kg) | 19.5 | 22.5 | 25.5 | 28.5 | 31.5 | 34.5 | 37.5 | 40.5 | 43.5 | 46.5 | 49.5 | 52.5 | 55.5 | 58.5 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

# AIMSW202-RM 向右間接安裝 motor rightside parallel installed

單位 Unit: mm



| 行程 Stroke      | 200  | 300  | 400  | 500  | 600  | 700  | 800  | 900  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| T              | 598  | 698  | 798  | 898  | 998  | 1098 | 1198 | 1298 | 1398 | 1498 | 1598 | 1698 | 1798 | 1898 |
| B              | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  | 219  | 119  |
| A              | 1    | 2    | 2    | 3    | 3    | 4    | 4    | 5    | 5    | 6    | 6    | 7    | 7    | 8    |
| N              | 6    | 8    | 8    | 10   | 10   | 12   | 12   | 14   | 14   | 16   | 16   | 18   | 18   | 20   |
| 重量 Weight (Kg) | 19.5 | 22.5 | 25.5 | 28.5 | 31.5 | 34.5 | 37.5 | 40.5 | 43.5 | 46.5 | 49.5 | 52.5 | 55.5 | 58.5 |

本圖面僅供參考用途，實際尺寸皆以實際提供之2D/3D圖紙為準 This drawing is for reference only. The actual dimensions are based on the actual 2D / 3D drawings provided.

日規電缸滑台  
JP linear actuator

歐規電缸滑台  
EU linear actuator

超長型電缸滑台  
Super length linear actuator

活塞杆電動缸  
Cylinder actuator

旋轉台  
Rotary stage

精密對位平台  
Precision alignment stage

減速機  
Gear reducer

十字轉向器  
Bevel gearbox

半密螺桿  
Semi sealed spindle axes

全密螺桿  
Sealed spindle axes

半密同步帶  
Semi sealed toothed belt axes

全密同步帶  
Sealed toothed belt axes

SW

32

45

65

70

100

134

178

202

|                                         |
|-----------------------------------------|
| 日規電缸滑台<br>JP linear actuator            |
| 歐規電缸滑台<br>EU linear actuator            |
| 超長型電缸滑台<br>Super length linear actuator |
| 活塞杆電動缸<br>Cylinder actuator             |
| 旋轉台<br>Rotary stage                     |
| 精密對位平台<br>Precision alignment stage     |
| 減速機<br>Gear reducer                     |
| 十字轉向器<br>Bevel gearbox                  |
| 半密螺杆<br>Semi sealed spindle axes        |
| 全密螺杆<br>Sealed spindle axes             |
| 半密同步帶<br>Semi sealed toothed belt axes  |
| 全密同步帶<br>Sealed toothed belt axes       |

SW

|     |
|-----|
| 32  |
| 45  |
| 65  |
| 70  |
| 100 |
| 134 |
| 178 |
| 202 |