

特性說明

- 適用於無塵室 ISO Class 2 等級環境
- 運動平穩適合定位與掃描應用需求<sup>(註1)</sup>
- 標準模組簡易搭配設計
- 可支援長行程 (行程最高至 2.7 m)



註：透過 E2 驅動器速度濾波補償功能使誤差 <1%

 **窄 80 mm**  
最窄底座寬度

 **快 2 m/s**  
最大速度

 **準  $\leq \pm 1 \mu\text{m}$**   
最佳重現精度

 **淨 ISO Class 2**  
適用無塵室應用

編碼模式

LMSSA-08 S050-1- 800 - G5.3A-P-B-A0000

客製碼<sup>(註4)</sup>  
0000：標準

電壓  
A：標準  
B：高壓

外觀  
S：鐵心  
B：黑色

外罩  
P：無塵型

極限開關  
A：NPN, NC  
B：PNP, NC

出線長度<sup>(註2、註3、註5)</sup>  
5.3：電源線5M / 編碼器線3M

底座寬度(mm)  
08：80  
10：100  
13：135

馬達種類  
S：鐵心

推力等級<sup>(註1)</sup>  
050, 100, 200, 300

動子數量  
1：單動子  
(複數需求，請聯繫本公司業務)

行程(mm)  
100-2700 (100-1300：每 50 為最小單位量；1300-2700：每 100 為最小單位量)

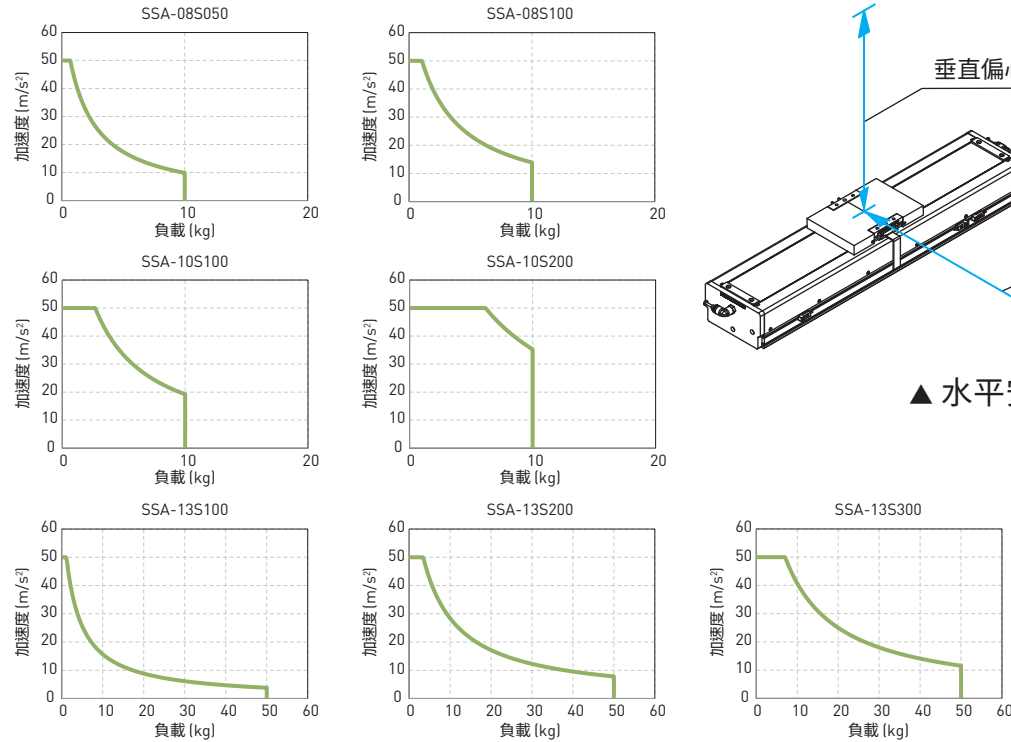
編碼器

- A：類比光學
- D：類比磁性
- V：數位磁性 1  $\mu\text{m}$
- G：數位光學 1  $\mu\text{m}$
- K：數位光學 0.1  $\mu\text{m}$
- P：絕對光學 0.5  $\mu\text{m}$  (BiSS-C)
- R：絕對磁性 1  $\mu\text{m}$  (BiSS-C)

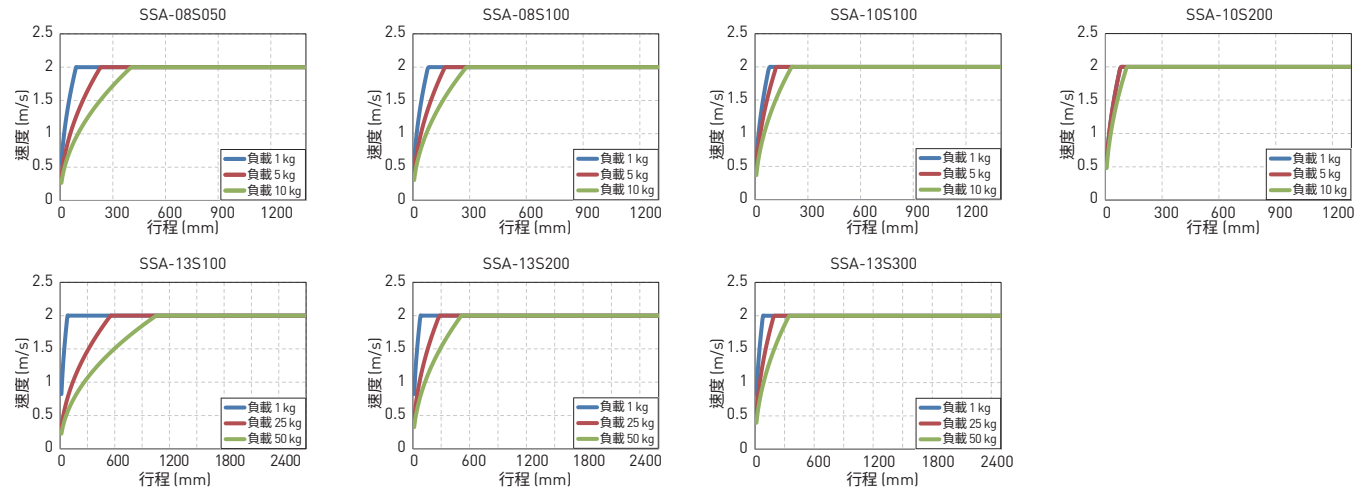
註：  
1. 馬達推力規劃有各適用底座寬度，詳細請參閱產品規格表。  
2. 編碼器出線為 D-sub 公接頭，與驅動器搭配需加購編碼器延長線，該延長線不含在 LMSSA 平台內。  
3. 出線長度為元件端開始算起。從移動部出線的長度會減少 0.5m，例：線長 3m→2.5m；5m→4.5m；7m→6.5m。  
4. 可客製集中打油 (I3 系列)  
5. 電源線標準 5m，可以 m 為單位客製線長。編碼器線標準 3m，無客製。

選型輔助圖(水平安裝)

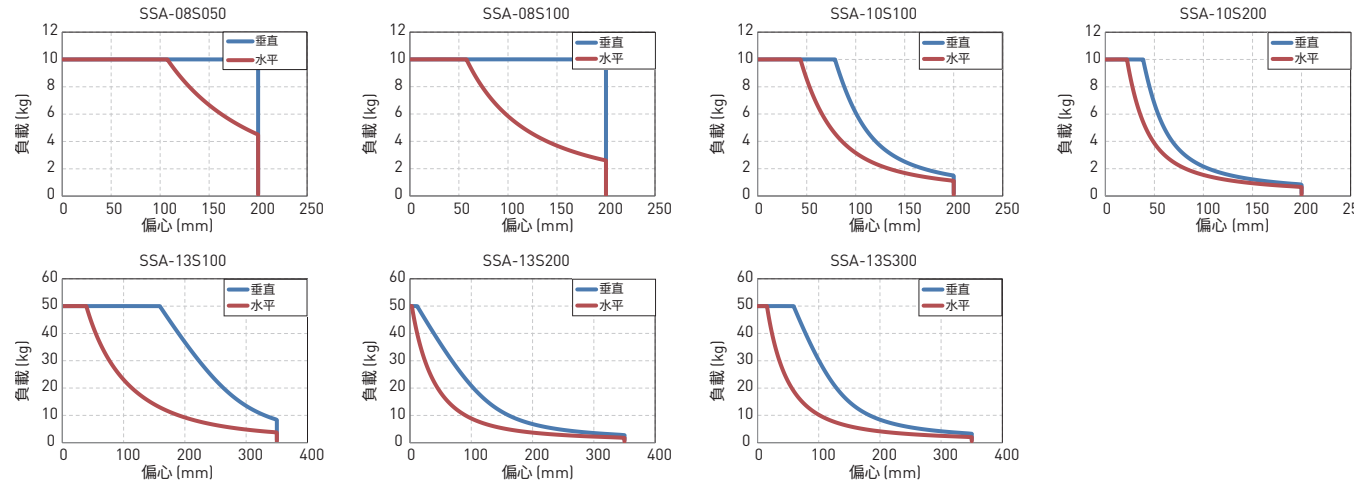
負載與加速度曲線圖



行程與速度曲線圖



偏心負載能力曲線圖



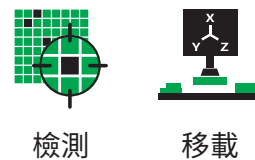
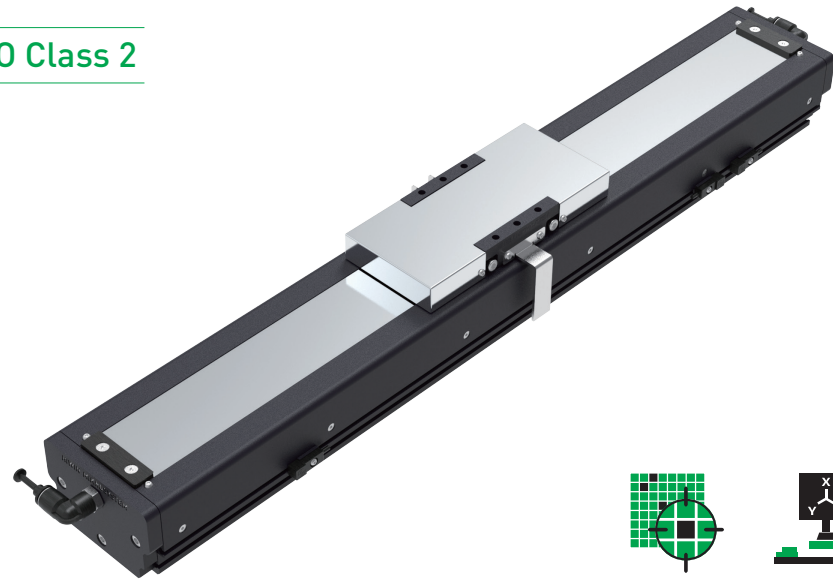
產品系統架構圖



註：mega-ulink為HIWIN集團註冊的商標；PROFINET®為PROFIBUS及PROFINET International (PI)的註冊商標；MECHATROLINK-II為MECHATROLINK協會的註冊商標；EtherCAT®為Beckhoff Automation的註冊商標；僅E1系列支援PROFINET及MECHATROLINK；SIEMENS, YASKAWA, KEYENCE, BECKHOFF, ACS, OMRON, TRIO 皆為上述公司各自的商標。

HIWIN® MIKROSYSTEM

低發塵設計-符合 ISO Class 2



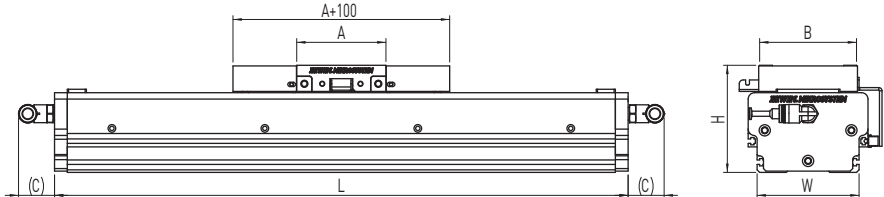
SSA系列

單軸線性馬達定位平台-無塵型



立即使用  
LMSSA 選型程式！

## 尺寸規格



|                       |                         | SSA-08 系列 |                                                                                                      |        |        | SSA-10 系列 |        | SSA-13 系列                          |        |  |
|-----------------------|-------------------------|-----------|------------------------------------------------------------------------------------------------------|--------|--------|-----------|--------|------------------------------------|--------|--|
| Model                 |                         | 單位        | 08S050                                                                                               | 08S100 | 10S100 | 10S200    | 13S100 | 13S200                             | 13S300 |  |
| 尺寸                    | 滑座長度 (A)                | mm        | 70                                                                                                   | 170    | 70     | 170       | 70     | 170                                | 270    |  |
|                       | 底座寬度 (B)                | mm        | 76                                                                                                   |        | 96     |           |        | 114                                |        |  |
|                       | 底座寬度 (W)                | mm        | 80                                                                                                   |        | 100    |           |        | 135                                |        |  |
|                       | 高度 (H)                  | mm        | 84                                                                                                   |        | 84     |           |        | 100.5                              |        |  |
|                       | 機台長 (L)                 | mm        | L = A + 行程 + 180                                                                                     |        |        |           |        |                                    |        |  |
|                       | 接頭長 (C)                 | mm        | 28                                                                                                   |        |        |           |        |                                    |        |  |
|                       | 連續推力                    | N         | 52                                                                                                   | 104    | 103    | 205       | 103    | 205                                | 308    |  |
|                       | 瞬時推力                    | N         | 112                                                                                                  | 224    | 289    | 579       | 289    | 579                                | 868    |  |
| 最大行程 <sup>(註 2)</sup> | mm                      | 1400      | 1300                                                                                                 | 1400   | 1300   | 2700      | 2600   | 2500                               |        |  |
| 規格                    | 編碼器                     | N/A       | 類比光學 0.1 μm/ 數位光學 1 μm/ 數位光學 0.1 μm/ 數位磁性 1 μm/ 類比磁性 1 μm/ 絕對光學 0.5 μm(BI-SS-C) / 絕對磁性 1 μm(BI-SS-C) |        |        |           |        |                                    |        |  |
|                       | 現視精度                    | μm        | 表1                                                                                                   |        |        |           |        |                                    |        |  |
|                       | 絕對精度                    | μm        | 表1                                                                                                   |        |        |           |        |                                    |        |  |
|                       | 水平直線度                   | μm        | N/A                                                                                                  |        |        |           |        | ±8 μm / 300 mm (行程:100 mm~1200 mm) |        |  |
|                       | 垂直直線度                   | μm        | N/A                                                                                                  |        |        |           |        | ±8 μm / 300 mm (行程:100 mm~1200 mm) |        |  |
|                       | 最大行程 <sup>(註 4、5)</sup> | m/s       | 2                                                                                                    |        |        |           |        |                                    |        |  |
| 滑座重量                  |                         | kg        | 1.7                                                                                                  | 3      | 2.1    | 3.7       | 3.1    | 5.1                                | 7.4    |  |

1. 量測在花崗岩平台上，量測方式依照 HIWIN MIKROSYSTEM 標準。
2. 最大行程會依動子數量及滑座長度而不同，實際請參閱「圖面與規格」頁面。
3. 標準雷射精度補償；若未加購 HIWIN MIKROSYSTEM 驅動器，僅提供精度補償表資料。
4. 實際最大速度會依照行程、負載、讀頭解析度和馬達推力決定。
5. 使用數位 0.1μm 光學尺時，最大速度 1.5m/s。

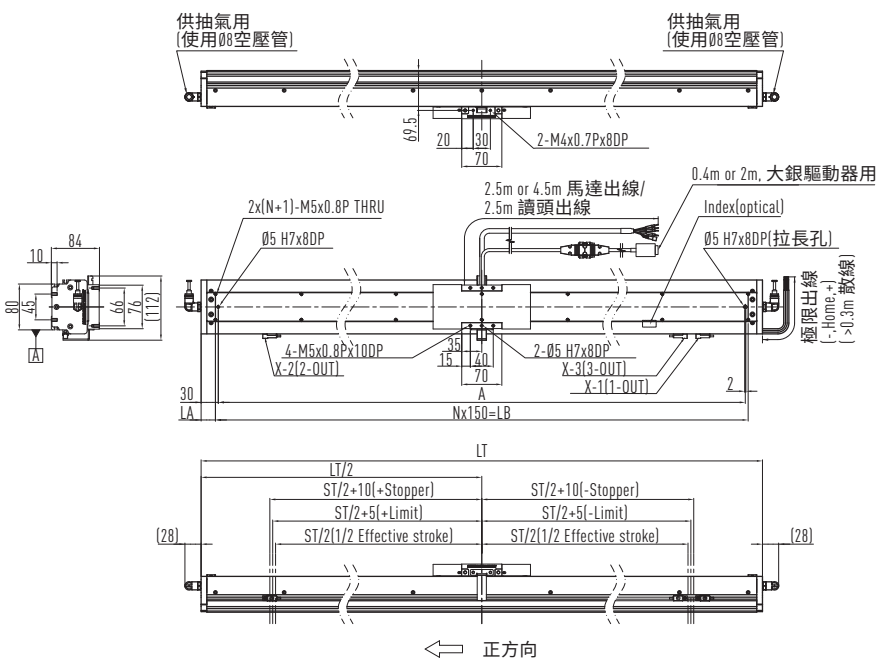
表 1. 編碼器重現精度和絕對精度

| 型號  | 編碼器                  | 重複精度 (μm) | 絕對精度 (μm) |
|-----|----------------------|-----------|-----------|
| A : | 類比光學 0.1 μm          | ± 1       | ± 2       |
| D : | 類比磁性 1 μm            | ± 3       | ± 6       |
| V : | 數位磁性 1 μm            | ± 2       | ± 4       |
| G : | 數位光學 1 μm            | ± 2       | ± 4       |
| K : | 數位光學 0.1 μm          | ± 1       | ± 2       |
| P : | 絕對光學 0.5 μm (BISS-C) | ± 1       | ± 2       |
| R : | 絕對磁性 1 μm (BISS-C)   | ± 2       | ± 4       |

## 產品尺寸

## SSA-08系列

|                   |                |
|-------------------|----------------|
| SSA-08S050<br>單動子 | 行程<br>100-1400 |
|-------------------|----------------|

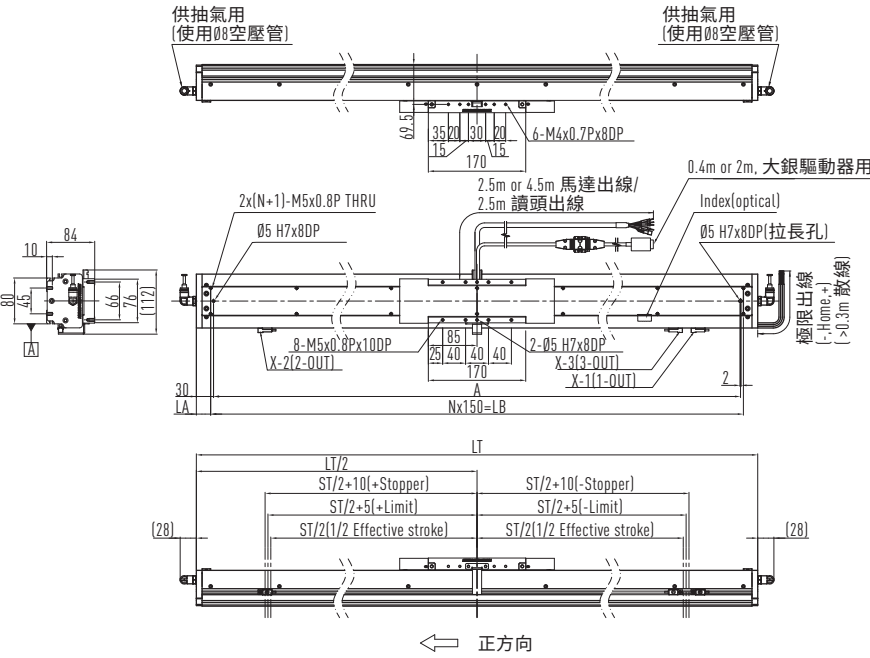


|             |     | 085050 |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
|-------------|-----|--------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| 规格/有效行程[ST] | 100 | 150    | 200 | 250 | 300 | 350 | 400 | 450 | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 | 1400 |  |  |  |
| LT          | 350 | 400    | 450 | 500 | 550 | 600 | 650 | 700 | 750  | 800  | 850  | 900  | 950  | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 | 1350 | 1400 | 1450 | 1500 | 1550 | 1650 |  |  |  |
| A           | 290 | 340    | 390 | 440 | 490 | 540 | 590 | 640 | 690  | 740  | 790  | 840  | 890  | 940  | 990  | 1040 | 1090 | 1140 | 1190 | 1240 | 1290 | 1340 | 1390 | 1440 | 1490 | 1590 |  |  |  |
| N           | 2   | 2      | 2   | 3   | 3   | 3   | 4   | 4   | 4    | 5    | 5    | 5    | 6    | 6    | 6    | 7    | 7    | 7    | 8    | 8    | 8    | 9    | 9    | 9    | 10   | 10   |  |  |  |
| LA          | 25  | 50     | 75  | 25  | 50  | 75  | 25  | 50  | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 75   |  |  |  |
| LB          | 300 | 300    | 300 | 450 | 450 | 450 | 600 | 600 | 600  | 600  | 750  | 750  | 750  | 900  | 900  | 1050 | 1050 | 1050 | 1200 | 1200 | 1200 | 1350 | 1350 | 1350 | 1500 | 1500 |  |  |  |
| 機台重量[kg]    | 6.8 | 7.3    | 7.7 | 8.1 | 8.5 | 9.0 | 9.3 | 9.7 | 10.1 | 10.5 | 11.0 | 11.4 | 11.8 | 12.2 | 12.7 | 13.1 | 13.5 | 13.9 | 14.2 | 14.6 | 15.1 | 15.5 | 15.9 | 16.4 | 16.7 | 17.5 |  |  |  |

## 產品尺寸

## SSA-08系列

|            |          |
|------------|----------|
| SSA-08S100 | 行程       |
| 單動子        | 100~1300 |

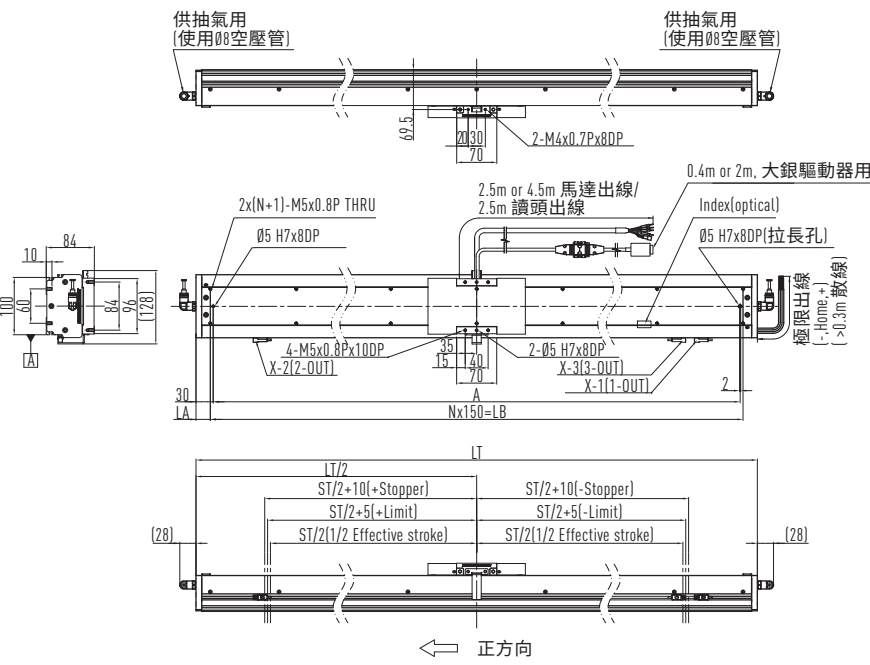


|             |     | 085100 |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|-------------|-----|--------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| 规格/有效行程(ST) | 100 | 150    | 200 | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 |  |  |
| LT          | 450 | 500    | 550 | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 | 1350 | 1400 | 1450 | 1500 | 1550 | 1600 | 1650 |  |  |
| LA          | 390 | 440    | 490 | 540  | 590  | 640  | 690  | 740  | 790  | 840  | 890  | 940  | 990  | 1040 | 1090 | 1140 | 1190 | 1240 | 1290 | 1340 | 1390 | 1440 | 1490 | 1540 | 1590 |  |  |
| N           | 2   | 3      | 3   | 3    | 4    | 4    | 4    | 5    | 5    | 5    | 6    | 6    | 7    | 7    | 7    | 7    | 8    | 8    | 8    | 9    | 9    | 9    | 10   | 10   | 10   |  |  |
| LA          | 75  | 25     | 50  | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   |  |  |
| LB          | 300 | 450    | 450 | 450  | 600  | 600  | 600  | 600  | 750  | 750  | 900  | 900  | 900  | 1050 | 1050 | 1050 | 1200 | 1200 | 1350 | 1350 | 1350 | 1500 | 1500 | 1500 | 1500 |  |  |
| 機台重量(kg)    | 8.8 | 9.2    | 9.6 | 10.1 | 10.5 | 10.8 | 11.2 | 11.6 | 12.1 | 12.5 | 12.9 | 13.2 | 13.7 | 14.1 | 14.5 | 14.9 | 15.4 | 15.7 | 16.1 | 16.5 | 16.9 | 17.4 | 17.8 | 18.1 | 18.5 |  |  |

### 產品尺寸

## SSA-10系列

|            |          |
|------------|----------|
| SSA-10S100 | 行程       |
| 單動子        | 100-1400 |

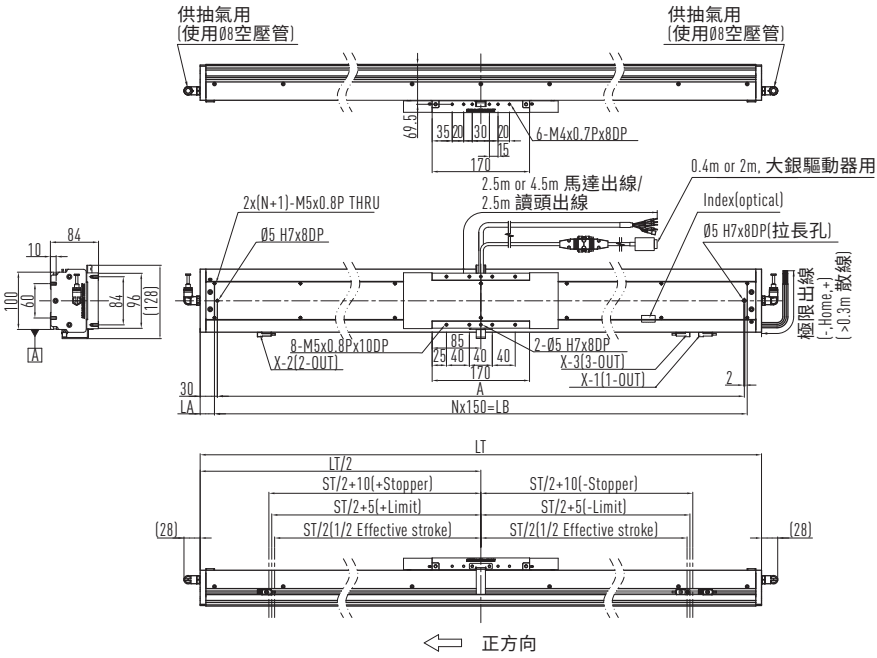


| 规格/有效行程[ST] |  | 105100 |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|-------------|--|--------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|             |  | 100    | 150 | 200 | 250 | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 | 1400 |  |  |
| LT          |  | 350    | 400 | 450 | 500 | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 | 1350 | 1400 | 1450 | 1500 | 1550 | 1650 |  |  |
| LA          |  | 290    | 340 | 390 | 440 | 490  | 540  | 590  | 640  | 690  | 740  | 790  | 840  | 890  | 940  | 990  | 1040 | 1090 | 1140 | 1190 | 1240 | 1290 | 1340 | 1390 | 1440 | 1490 | 1590 |  |  |
| LN          |  | 2      | 2   | 2   | 3   | 3    | 3    | 4    | 4    | 4    | 5    | 5    | 5    | 6    | 6    | 6    | 7    | 7    | 7    | 8    | 8    | 8    | 9    | 9    | 9    | 10   | 10   |  |  |
| LA          |  | 25     | 50  | 75  | 75  | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   |  |  |
| LB          |  | 300    | 300 | 300 | 450 | 450  | 450  | 600  | 600  | 750  | 750  | 900  | 900  | 900  | 1050 | 1050 | 1050 | 1050 | 1200 | 1200 | 1350 | 1350 | 1350 | 1500 | 1500 | 1500 | 1500 |  |  |
| 機台重量[kg]    |  | 8.1    | 8.6 | 9.2 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.4 | 12.9 | 13.5 | 14.0 | 14.4 | 15.0 | 15.3 | 15.8 | 16.4 | 16.9 | 17.4 | 18.0 | 18.5 | 18.7 | 19.3 | 19.8 | 20.9 |  |  |

## 產品尺寸

## SSA-10系列

|            |          |
|------------|----------|
| SSA-10S200 | 行程       |
| 單動子        | 100~1300 |

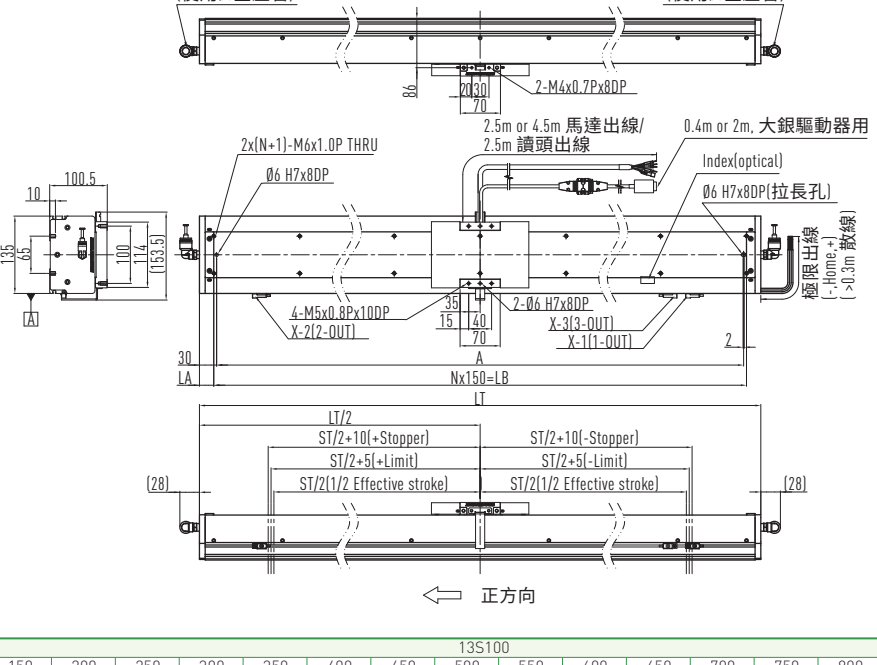


| 规格/有效行程[Sr] |   | 105200 |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
|-------------|---|--------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
|             |   | 100    | 150 | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 |  |  |  |
| LT          | A | 350    | 500 | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 | 1350 | 1400 | 1450 | 1500 | 1550 | 1600 | 1650 |  |  |  |
| LA          | B | 390    | 440 | 490  | 540  | 590  | 640  | 690  | 740  | 790  | 840  | 890  | 940  | 990  | 1040 | 1090 | 1140 | 1190 | 1240 | 1290 | 1340 | 1390 | 1440 | 1490 | 1540 | 1590 |  |  |  |
| LN          | C | 2      | 3   | 3    | 3    | 4    | 4    | 4    | 5    | 5    | 5    | 6    | 6    | 6    | 7    | 7    | 7    | 8    | 8    | 8    | 9    | 9    | 9    | 10   | 10   | 10   |  |  |  |
| LA          | D | 75     | 25  | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   |  |  |  |
| LB          | E | 300    | 450 | 450  | 450  | 600  | 600  | 600  | 600  | 750  | 750  | 900  | 900  | 900  | 1050 | 1050 | 1050 | 1200 | 1200 | 1200 | 1350 | 1350 | 1350 | 1500 | 1500 | 1500 |  |  |  |
| 機台重量[kg]    |   | 10.5   | 11  | 11.4 | 11.9 | 12.3 | 12.8 | 13.4 | 13.9 | 14.2 | 14.8 | 15.3 | 15.8 | 16.3 | 16.8 | 17.1 | 17.7 | 18.2 | 18.7 | 19.3 | 19.8 | 20.1 | 20.6 | 21.1 | 21.6 | 22.2 |  |  |  |

## 產品尺寸

## SSA-13系列

|            |          |
|------------|----------|
| SSA-13S100 | 行程       |
| 單動子        | 100-2700 |

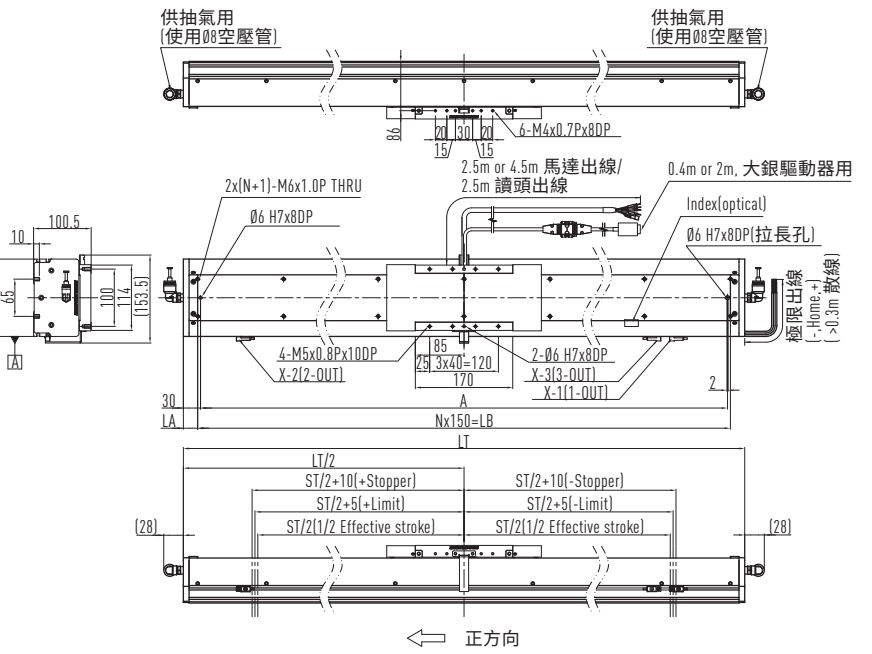


|             |        |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |
|-------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
|             | 135100 |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |
| 規格/有效行程(ST) | 100    | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  | 850  | 900  | 950  | 1000 | 1050 |
| LT          | A      | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 850 | 900 | 950 | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 |
| N           | A      | 290 | 340 | 390 | 440 | 490 | 540 | 590 | 640 | 690 | 740 | 790 | 840 | 890 | 940  | 990  | 1040 | 1090 | 1140 | 1190 |
| N           | A      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | A      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LA          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| N           | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
| LB          | N      | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 5   | 5   | 5   | 6    | 6    | 7    | 7    | 8    | 8    |
|             |        |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |

## 產品尺寸

## SSA-13系列

|                  |                |
|------------------|----------------|
| SA-13S200<br>單動子 | 行程<br>100-2600 |
|------------------|----------------|

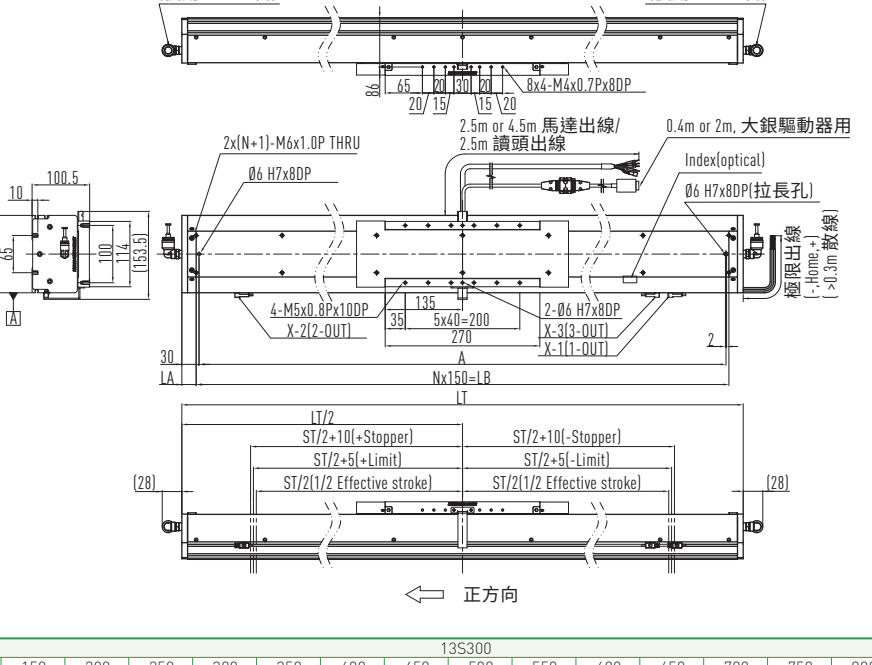


|             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 135200      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 規格/有効行程(ST) | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
| LT          | 450  | 440  | 430  | 420  | 410  | 400  | 390  | 380  | 370  | 360  | 350  | 340  | 330  | 320  | 310  | 300  | 290  | 280  | 270  |
| N           | 2    | 3    | 3    | 3    | 3    | 4    | 4    | 5    | 5    | 5    | 5    | 6    | 6    | 7    | 7    | 8    | 8    | 8    | 8    |
| LA          | 75   | 75   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   |
| LB          | 300  | 450  | 450  | 450  | 600  | 600  | 600  | 750  | 750  | 750  | 900  | 900  | 900  | 1050 | 1050 | 1050 | 1200 | 1200 | 1200 |
| 機台重量(kg)    | 14.8 | 15.6 | 16.3 | 17.1 | 17.9 | 18.7 | 19.6 | 20.4 | 20.9 | 21.7 | 22.6 | 23.4 | 24.2 | 25.0 | 25.8 | 26.5 | 27.2 | 28.0 | 28.8 |
| 規格/有効行程(ST) | 100  | 150  | 1150 | 1150 | 1250 | 1500 | 1400 | 1500 | 1400 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 |
| LT          | 1040 | 1450 | 1500 | 1550 | 1600 | 1650 | 1750 | 1850 | 1950 | 2050 | 2150 | 2250 | 2350 | 2450 | 2550 | 2650 | 2750 | 2850 | 2950 |
| N           | A    | 1340 | 1390 | 1440 | 1490 | 1540 | 1590 | 1640 | 1690 | 1740 | 1790 | 1840 | 1890 | 1940 | 1990 | 2040 | 2090 | 2140 | 2190 |
| N           |      | 9    | 9    | 9    | 10   | 10   | 10   | 11   | 12   | 12   | 13   | 14   | 14   | 15   | 16   | 16   | 17   | 18   | 19   |
| LA          | 50   | 50   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   |
| LB          | 1350 | 1350 | 1350 | 1500 | 1500 | 1500 | 1650 | 1800 | 1800 | 1940 | 2100 | 2100 | 2220 | 2400 | 2400 | 2500 | 2700 | 2700 | 2850 |
| 機台重量(kg)    | 29.6 | 30.3 | 31.1 | 31.9 | 32.7 | 33.5 | 34.9 | 36.5 | 38.2 | 39.4 | 41.0 | 42.8 | 44.3 | 45.9 | 47.5 | 48.9 | 50.5 | 52.2 | 53.9 |

## 產品尺寸

## SSA-13系列

|           |          |
|-----------|----------|
| SA-13S300 | 行程       |
| 單動子       | 100-2500 |



|             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 135300      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 规格/有效行程(ST) | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
| LT          | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1050 | 1100 | 1150 | 1200 | 1250 | 1300 | 1350 | 1400 | 1450 |
| A           | 490  | 540  | 590  | 640  | 690  | 740  | 790  | 840  | 890  | 940  | 990  | 1040 | 1090 | 1140 | 1190 | 1240 | 1290 | 1340 | 1390 |
| N           | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   |
| LB          | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   | 75   | 25   | 50   |
| LA          | 450  | 450  | 600  | 600  | 600  | 750  | 750  | 750  | 900  | 900  | 900  | 1050 | 1050 | 1050 | 1200 | 1200 | 1200 | 1350 | 1350 |
| 機台重量(kg)    | 18.7 | 19.6 | 20.4 | 21.3 | 22.1 | 22.9 | 23.6 | 24.5 | 25.3 | 26.1 | 27.0 | 27.8 | 28.5 | 29.3 | 30.2 | 31.0 | 31.8 | 32.7 | 33.4 |
| 規格/有效行程(ST) | 100  | 150  | 1150 | 1200 | 1250 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 |
| LT          | 1500 | 1550 | 1600 | 1650 | 1700 | 1750 | 1850 | 1950 | 2050 | 2150 | 2250 | 2350 | 2450 | 2550 | 2650 | 2750 | 2850 | 2950 | -    |
| A           | 1440 | 1490 | 1540 | 1590 | 1640 | 1690 | 1790 | 1890 | 1990 | 2090 | 2190 | 2290 | 2390 | 2490 | 2590 | 2690 | 2790 | 2890 | -    |
| N           | 9    | 10   | 10   | 10   | 11   | 11   | 12   | 12   | 13   | 14   | 14   | 15   | 16   | 17   | 18   | 18   | 19   | -    | -    |
| LB          | 75   | 25   | 25   | 25   | 25   | 25   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | 50   | -    | -    |
| LA          | 1350 | 1500 | 1550 | 1600 | 1650 | 1650 | 1800 | 1850 | 1950 | 2100 | 2100 | 2250 | 2400 | 2400 | 2500 | 2700 | 2700 | 2850 | -    |
| 機台重量(kg)    | 34.2 | 35.0 | 35.9 | 36.7 | 37.6 | 38.2 | 39.9 | 41.6 | 43.1 | 44.8 | 46.5 | 48.0 | 49.7 | 51.3 | 52.9 | 54.5 | 56.2 | 57.7 | -    |