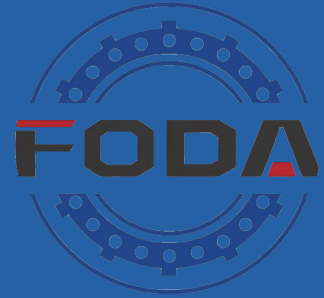
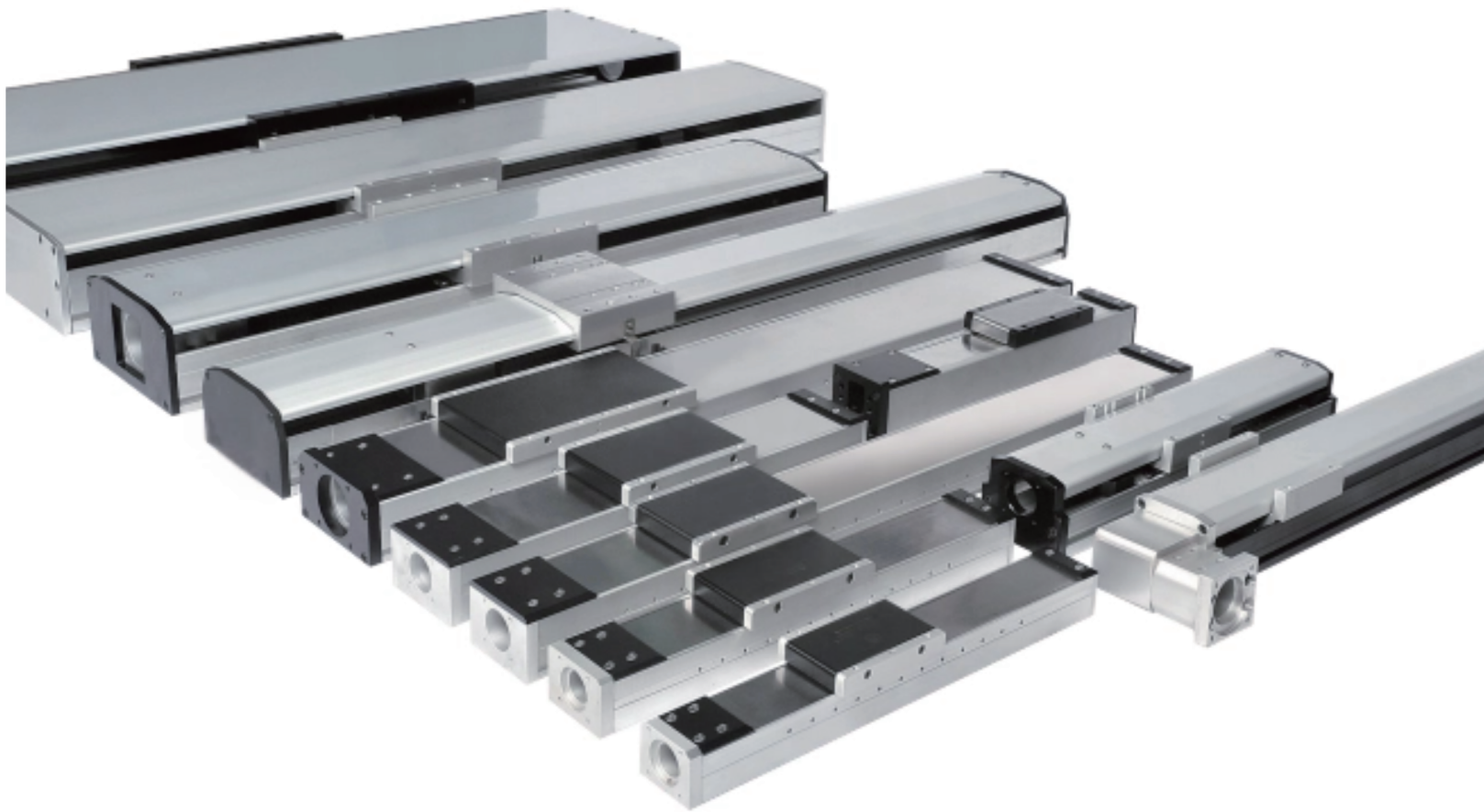


FODA BEARING



山东轴承锋迪有限公司

SHANDONG FODA BEARING TRANSMSSION CO.,LTD



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山东锋迪轴承有限公司  
SHANDONG FODA BEARINGTRANSMSSIONCO.,LTD

Dispensing, Depaneling, Patching, Screw-locking Machines



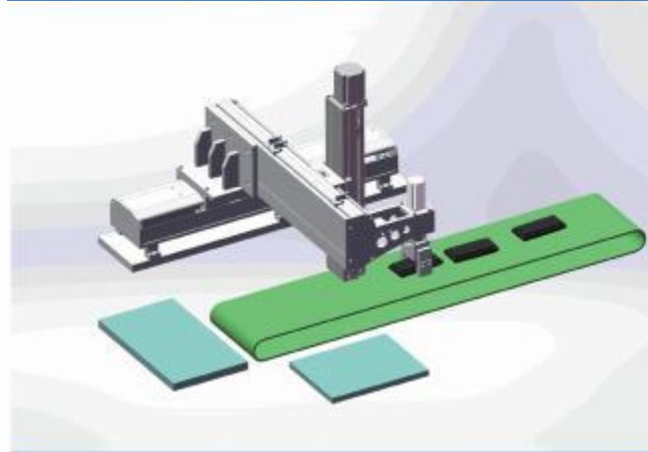
Assembly of electronic products, substrates and screws.

Wind tunnel equipment



Installation applications for testing sensors in windy river bodies.

Belt line parts gripper



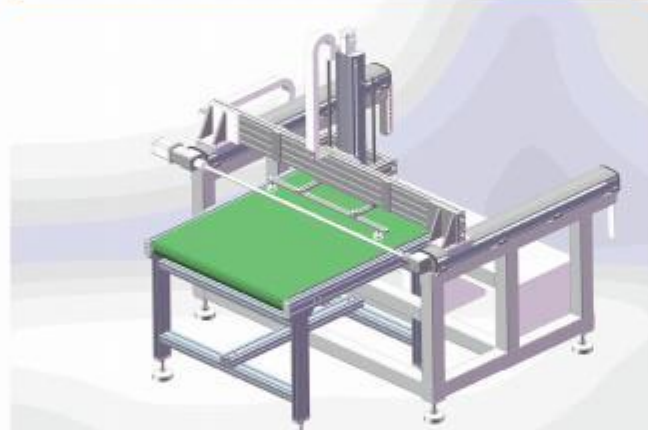
Performs clerical pick-up, set-up and inspection of green work on production lines.

Laser scale engraving



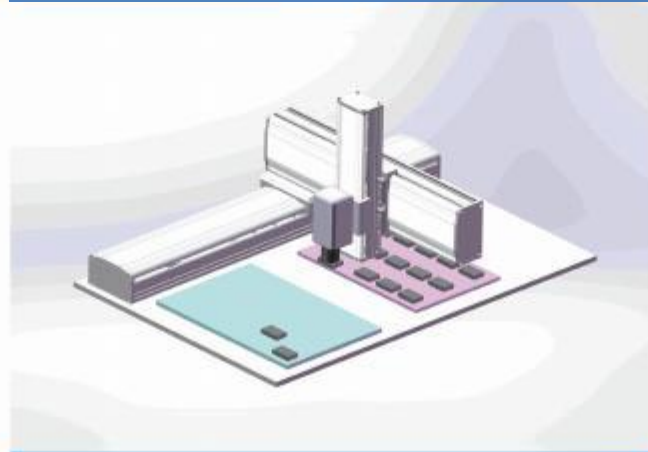
Laser printing and engraving jobs on long scales.

Palletising of board cutting equipment



Stacking, loading and unloading of cut sheets

Lightweight handling

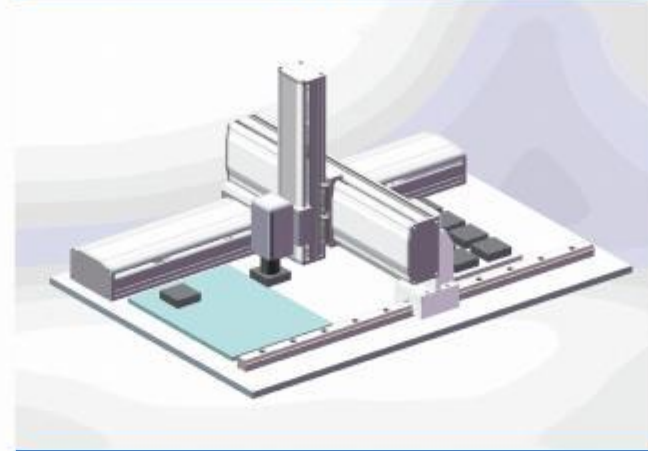


The operation of removing a small frame workpiece from a parts box and placing it at a designated station.



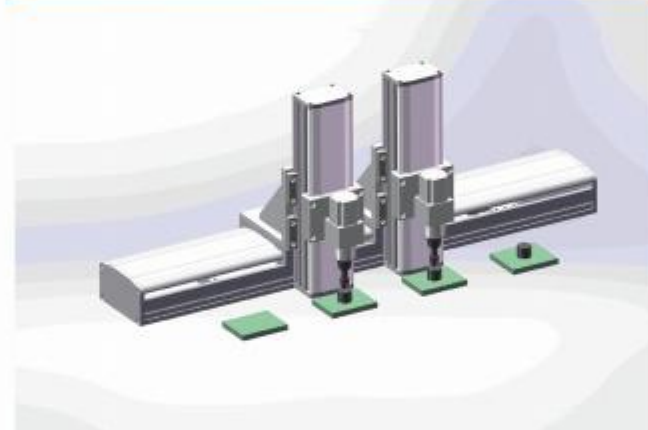
山东锋迪轴承有限公司  
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Heavy lifting



The operation of removing heavy parts from the parts library and placing them in the designated work station.

Linear and efficient loading



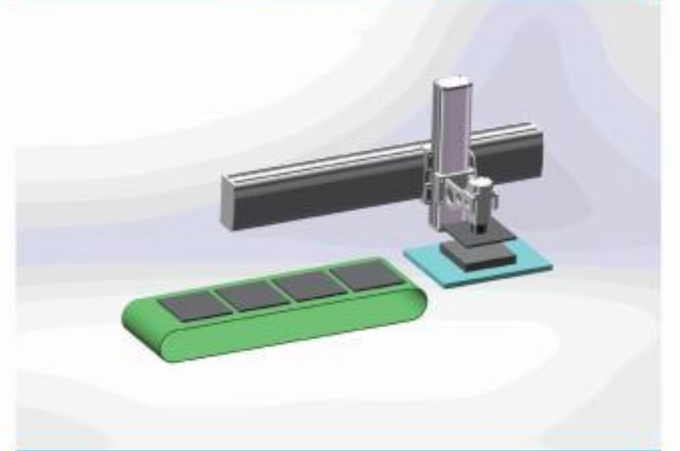
Efficient handling of linear multi-processed parts with two or more robotic arms.

Quick pick-and-place device



Pick-and-place operation on large parts.

Linear Stacking Mechanism



Picking up and stacking or storing of boards on the production line

Linear press-in mechanism



Operations such as pressing work into holes arranged in a straight line

Spraying equipment



Performs 80 coating operations on workpieces.





产品型号规格 Product Specification

引动器特点 Actuator Features

1. 结构紧凑，相同底座宽度，高度低，有效节省空间。
2. 承载能力大，底座采用高强度铝型材，侧壁厚度大，截面呈 U 型结构，悬空安装也能承受大载荷。
3. 滑台有法兰下锁式，方便特殊场合的安装，如果两台引动器叠加使用，方可省去中间连接板，从而降低高度。
4. 丝杆型适用于高精度、高载荷的运动机构；皮带型适用于高速度，大行程的运动机构。
5. 根据客户需要，可非标定制。

- 1.Compact, the same base width, height is low, saving space.
- 2.The carrying capacity, high-strength aluminum chassis, large sidewall thickness, U-shaped cross-section structure, floating installation can withstand large loads.
- 3.The slide has a lower flange lock for easy installation on special occasions, if the use of two superimposed Actuator before eliminating the intermediate panel, thereby reducing the height.
- 4.screw type is suitable for high-precision, high load motion mechanism; belt is suitable for high-speed, large-stroke kinematics.
- 5.According to customer needs, can be non-standard custom.

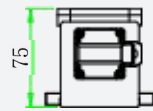
| Model                                                                               | Specification | Sectional Dimension | Maximum Load (Kg) |      | Ball Screw (mm) |      | Maximum Speed | Repeat accuracy | Stroke (Customizable) | Page  |
|-------------------------------------------------------------------------------------|---------------|---------------------|-------------------|------|-----------------|------|---------------|-----------------|-----------------------|-------|
|                                                                                     |               |                     | horiz             | vert | diameter        | lead | (mm/sec)      | (mm)            | (mm)                  |       |
|  | FDD60         | W60*H75             | 12                | 6    | Φ16             | 5    | 250           | ±0.02           | 50-1200               | 1-3   |
|                                                                                     |               |                     | 7                 | 3    |                 | 10   | 500           |                 |                       |       |
|                                                                                     |               |                     | 4                 |      |                 | 16   | 800           |                 |                       |       |
|  | FDC50         | W50*H48             | 10                | 5    | Φ10             | 2    | 100           |                 | 50-900                | 4-6   |
|                                                                                     | FDC88         | W88*H62             | 40                | 15   | Φ16             | 5    | 250           |                 | 50-900                | 7-9   |
|                                                                                     |               |                     | 30                | 10   |                 | 10   | 500           |                 |                       |       |
|                                                                                     |               |                     | 25                | 7    | Φ15             | 16   | 800           |                 | 50-2000               | 10-12 |
|                                                                                     |               |                     | 15                |      |                 | 20   | 1000          |                 |                       |       |
|                                                                                     | FDC108        | W108*H68            | 50                | 20   | Φ16             | 5    | 250           |                 | 50-2000               | 10-12 |
|                                                                                     |               |                     | 30                | 12   |                 | 10   | 500           |                 |                       |       |
|                                                                                     |               |                     | 25                | 8    | Φ15             | 16   | 800           |                 | 50-2000               | 13-15 |
|                                                                                     |               |                     | 20                |      |                 | 20   | 1000          |                 |                       |       |
|                                                                                     | FDC198        | W198*H120           | 160               | 85   | Φ25/Φ32         | 5    | 250           |                 | 50-2000               | 13-15 |
|                                                                                     |               |                     | 150               | 65   |                 | 10   | 500           |                 |                       |       |
|                                                                                     |               |                     | 130               | 50   |                 | 20   | 1000          |                 |                       |       |
|                                                                                     |               |                     | 110               |      |                 | 25   | 1250          |                 |                       |       |
|                                                                                     |               |                     | 95                |      |                 | 32   | 1600          |                 |                       |       |

| Model                                                                                                                                                                                                                                                                                                             | Specification                                                                                                                                | Sectional Dimension                                                                                                                 | Maximum Load (Kg) |         | Ball Screw (mm)  |                  | Maximum Speed | Repeat accuracy | Stroke (Customizable) | Page  |          |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------|------------------|------------------|---------------|-----------------|-----------------------|-------|----------|---------|
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | horiz             | vert    | diameter         | lead             | (mm/sec)      | (mm)            | (mm)                  |       |          |         |
| <div><br/>Semi-closed type with double guide screw</div> | FDR50                                                                                                                                        | W50*H51                                                                                                                             | 10                | 5       | Φ10              | 2                | 100           | ±0.04           | 50-900                | 16-17 |          |         |
|                                                                                                                                                                                                                                                                                                                   | FDR80                                                                                                                                        | W82*H68                                                                                                                             | 40                | 20      | Φ16              | 5                | 250           |                 | 50-900                | 18-20 |          |         |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 30                | 12      |                  | 10               | 500           |                 |                       |       |          |         |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 25                | 8       |                  | 16               | 800           |                 |                       |       |          |         |
|                                                                                                                                                                                                                                                                                                                   | FDR108                                                                                                                                       | W108*H70                                                                                                                            | 50                | 20      | Φ16              | 5                | 250           |                 | 50-1500               | 21-22 |          |         |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 30                | 12      |                  | 10               | 500           |                 |                       |       |          |         |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 25                | 8       |                  | 16               | 800           |                 |                       |       |          |         |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 20                |         | Φ15              | 20               | 1000          |                 |                       |       |          |         |
|                                                                                                                                                                                                                                                                                                                   | FDR300                                                                                                                                       | W300*H107                                                                                                                           | 180               | 95      | Φ32/Φ40          | 5                | 250           |                 | 50-2000               | 23-24 |          |         |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 160               | 80      |                  | 10               | 500           |                 |                       |       |          |         |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 140               | 60      |                  | 20               | 1000          |                 |                       |       |          |         |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 115               |         |                  | 32               | 1600          |                 |                       |       |          |         |
|                                                                                                                                                                                                                                                                                                                   | <div><br/>Single-rail belt dustproof type</div>          | FDD60BL/BR                                                                                                                          | W60*H75           | 8       |                  | synchronous belt | 72            |                 | 1500                  | ±0.04 | 100-2000 | 25-26   |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              | <div><br/>Dual-guide belt dustproof type</div> | FDC88BL/BR        | W88*H62 | 12               |                  |               |                 | 72                    |       | 1200     | 100-900 |
|                                                                                                                                                                                                                                                                                                                   | FDC198BL/BR                                                                                                                                  |                                                                                                                                     | W198*H120         | 60      |                  |                  | 140           |                 | 1500                  |       | 100-2000 | 29-30   |
|                                                                                                                                                                                                                                                                                                                   | <div><br/>Semi-closed type with double guide belt</div> | FDR80BL/BR                                                                                                                          | W82*H68           | 15      |                  |                  | 90            |                 | 1200                  |       | 100-900  | 31-32   |
| FDR198BL/BR                                                                                                                                                                                                                                                                                                       |                                                                                                                                              | W198*H108                                                                                                                           | 60                |         | 140              |                  | 1500          | 100-2000        | 33-34                 |       |          |         |
| <div><br/>Screw-guided circular guide type</div>                                                                                                                                                                             | FDS80                                                                                                                                        | W80*H68                                                                                                                             | 25                | 8       | Φ16              |                  | 5             | 250             | ±0.05                 |       | 50-1500  | 35-37   |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 15                | 5       |                  |                  | 10            | 500             |                       |       |          |         |
|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                     | 10                | 3       |                  |                  | 16            | 800             |                       |       |          |         |
| <div><br/>Belt circular guide type</div>                                                                                                                                                                                     | FDS40B                                                                                                                                       | W40*H35                                                                                                                             | 3                 |         | synchronous belt | 36               | 500           | ±0.07           | 100-1500              | 38-39 |          |         |
|                                                                                                                                                                                                                                                                                                                   | FDS50B                                                                                                                                       | W50*H48                                                                                                                             | 8                 |         |                  | 30               | 1000          |                 | 100-2000              | 40-41 |          |         |
|                                                                                                                                                                                                                                                                                                                   | FDS80BL/BR                                                                                                                                   | W80*H68                                                                                                                             | 10                |         |                  | 90               | 1200          |                 |                       | ±0.06 | 42-43    |         |



## 引动器 Actuator

### FDD60 单导轨丝杆防尘型 Dust-type single screw guide



#### 标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 16$  ·
- 15直线导轨: 1条
- 感应开关: 3个 ·
- 联轴器: 1个
- The ball screw diameter:  $\Phi 16$  ·15
- linear guide: 1PC
- Sensor Switch: 3PCS
- Coupling: 1PC



FDD60D



FDD60R

#### ● 特点 Feature

- 1.体积小、载荷大、外形美观、密封防尘、高强度铝合金材料
- 2.可定制法兰型滑座，方便下锁式的特殊场合安装
1. Small size, load, appearance, sealing against dust, high-strength aluminum alloy.
2. Customizable flange type slide, under lock easy to install special occasions.

#### 型号格式 Model Format

FDD60 — — D — 10 — 200 — D10 —

| 型号                                               | 滑台样式                                                                                                                                         | 电机位置             | 导程                                                 | 行程                                                                                                                           | 电机品牌及功率         |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Model                                            | Slip Style                                                                                                                                   | Motor position   | Lead                                               | Stroke                                                                                                                       | Motor and Power |
|                                                  |                                                                                                                                              |                  |                                                    |                                                                                                                              | Brakes          |
| 空白:无法兰<br>Blank: flangeless<br>F:法兰<br>F: Flange | D: 电机直连外露<br>D: motor directly<br>connected to the<br>exposed<br>L: 电机左侧<br>L: motor on the left<br>R: 电机右侧<br>R: motor on the<br>right side | 5:5mm<br>10:10mm | 100-1200mm<br>行程可定制<br>Stroke can be<br>customized | D: 台达 10:100W<br>D: Delta 20:200W<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model |                 |

备注  
Remark



#### ● 基本参数 Basic parameters

|                                          |                                  |     |     |
|------------------------------------------|----------------------------------|-----|-----|
| 电机功率Motor Power                          | 100W                             |     |     |
| 重复定位精度Repeat accuracy (mm)               | 0.02                             |     |     |
| 滚珠丝杠导程Ball screw lead (mm)               | 5                                | 10  | 16  |
| 最大速度Maximum speed (mm/s)                 | 250                              | 500 | 800 |
| 最大搬运重量<br>The maximum<br>carrying weight | 水平安装 (kg)<br>Horizontal mounting | 12  | 7   |
|                                          | 垂直安装 (kg)<br>Vertical mounting   | 6   | 3   |
| 额定推力Rated thrust (N)                     | 362                              | 181 | 113 |
| 标准行程Standard stroke (mm)                 | 100-800                          |     |     |

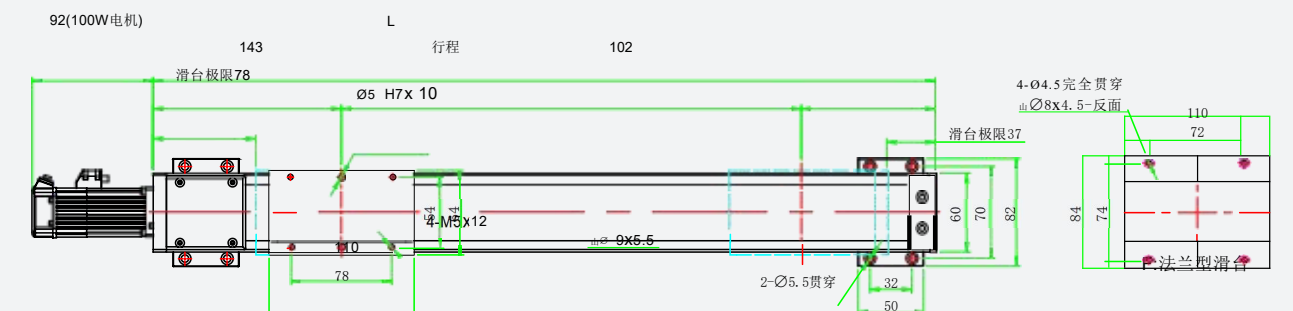
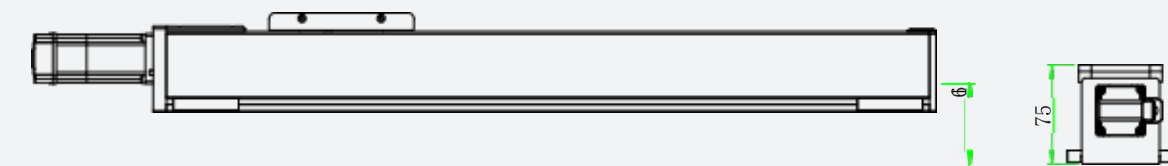
#### ● 力矩参数 Torque parameters

|      |          |
|------|----------|
| 水平使用 | 力矩 (N.m) |
| X    | 8.5      |
| Y    | 8        |

|      |          |
|------|----------|
| 水平使用 | 力矩 (N.m) |
| X    | 8        |
| Z    | 7        |

|      |          |
|------|----------|
| 水平使用 | 力矩 (N.m) |
| Y    | 7        |
| Z    | 6.5      |

#### FDD60D - 电机直连外露 Motor directly connected to the exposed

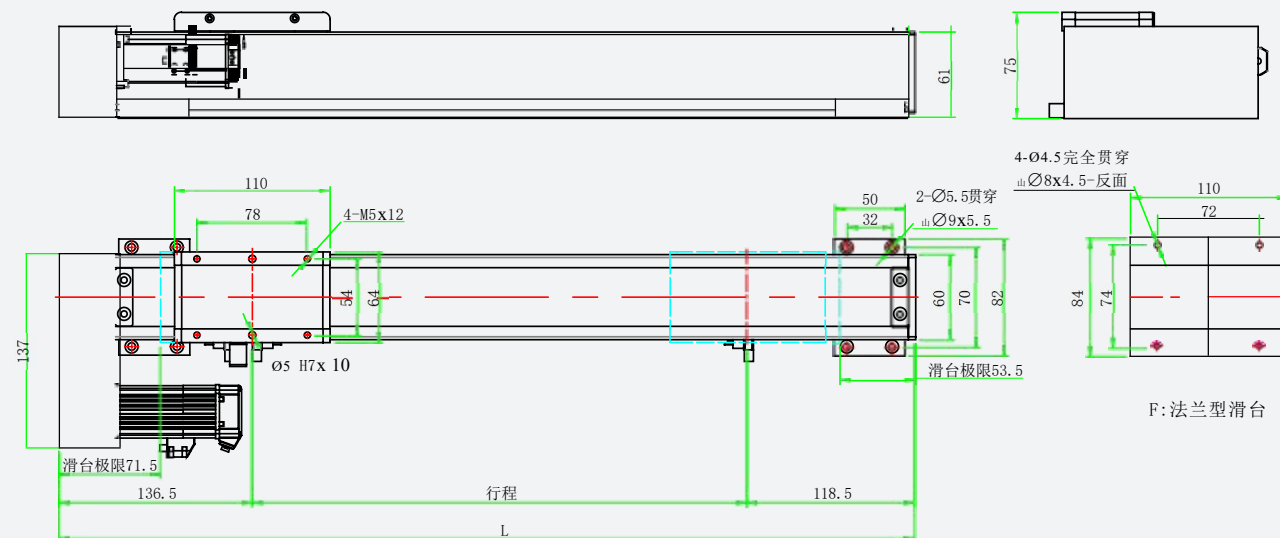


| 行程stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| L            | 345 | 395 | 445 | 495 | 545 | 595 | 645 | 695 | 745 | 795 | 845 | 895 | 945 | 995 | 1045 |
| 重量Weight(kg) | 3.9 | 4.1 | 4.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 | 6.1 | 6.3 | 6.5 | 6.7  |



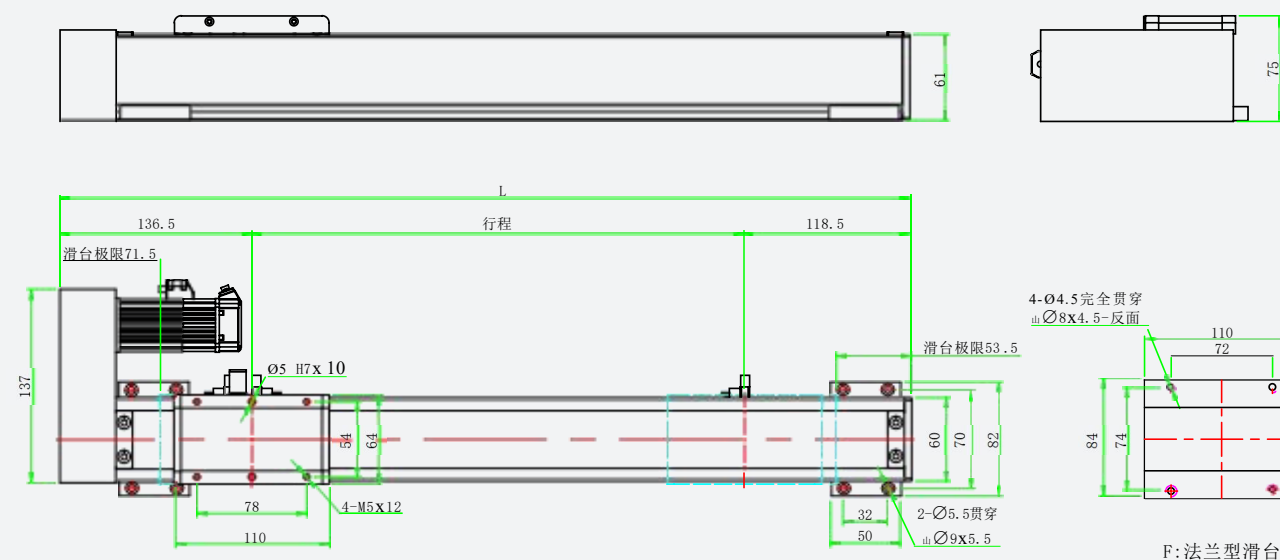


## FDD60L - 电机左折 Motor on the left



| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750  | 800  |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| L             | 355 | 405 | 455 | 505 | 555 | 605 | 655 | 705 | 755 | 805 | 855 | 905 | 955 | 1005 | 1055 |
| 重量 Weight(kg) | 3.9 | 4.1 | 4.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 | 6.1 | 6.3 | 6.5  | 6.7  |

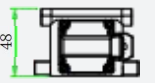
## FDD60R - 电机右折 Motor on the right



| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750  | 800  |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| L             | 355 | 405 | 455 | 505 | 555 | 605 | 655 | 705 | 755 | 805 | 855 | 905 | 955 | 1005 | 1055 |
| 重量 Weight(kg) | 3.9 | 4.1 | 4.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 | 6.1 | 6.3 | 6.5  | 6.7  |

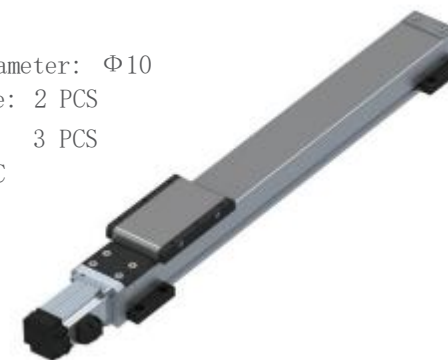


## FDC50 丝杆防尘型 Dust screw type



### 标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 10$
- 9mm 微型导轨: 2 条
- 感应开关: 3 个
- 联轴器: 1 个
- Ball screw diameter:  $\Phi 10$
- 9mm mini-guide: 2 PCS
- Sensor Switch: 3 PCS
- Coupling: 1 PC



FDC50D



FDC50R

### 特点 Feature

1. 体积小、载荷大、外形美观、密封防尘、高强度铝合金材料
2. 设计紧凑、总高度低，能有效节省空间
3. 双导轨、高精度丝杆中间驱动，可使用在扭矩或者负载更大的场合
4. 可定制法兰型滑座，方便下锁式的特殊场合安装
1. Small size, load, appearance, sealing against dust, high-strength aluminum alloy.
2. Compact design, low overall height, can effectively save space.
3. Dual-rail, high-precision screw driver in the middle, can be used in load torque or more occasions.
4. Customizable flange type slide, under lock easy to install special occasions.

### 型号格式 Model Format

| 型号    | 滑台样式                                               | 电机位置                                                                                                                                | 导程    | 行程                                             | 电机品牌及功率                                                                                                                     | 刹车                                                              | 备注     |
|-------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------|
| Model | Slip Style                                         | Motor position                                                                                                                      | Lead  | Stroke                                         | Motor and Power                                                                                                             | Brakes                                                          | Remark |
|       | 空白: 无法兰<br>Blank: flangeless<br>F: 法兰<br>F: Flange | L: 电机左侧<br>L: motor on the left<br>R: 电机右侧<br>R: motor on the right side<br>D: 电机直连外露<br>D: motor directly connected to the exposed | 2:2mm | 100-900mm<br>行程可定制<br>Stroke can be customized | D: 台达 05:50W<br>D: Delta 10:100W<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br>无刹车不表示<br>No brakes do not represent |        |



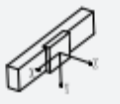
● 基本参数 Basic parameters

|                                       |                                  |         |
|---------------------------------------|----------------------------------|---------|
| 电机功率 Motor Power                      |                                  | 100W    |
| 重复定位精度 Repeat accuracy (mm)           |                                  | 0.02    |
| 滚珠丝杠导程 Ball screw lead (mm)           |                                  | 2       |
| 最大速度 Maximum speed (mm/s)             |                                  | 100     |
| 最大搬运重量<br>The maximum carrying weight | 水平安装 (kg)<br>Horizontal mounting | 10      |
|                                       | 垂直安装 (kg)<br>Vertical mounting   | 5       |
| 额定推力 Rated thrust (N)                 |                                  | 905     |
| 标准行程 Standard stroke (mm)             |                                  | 100-600 |

● 力矩参数 Torque parameters



| 水平轴 | 扭矩 (N.m) |
|-----|----------|
| X   | 8        |
| Y   | 5        |

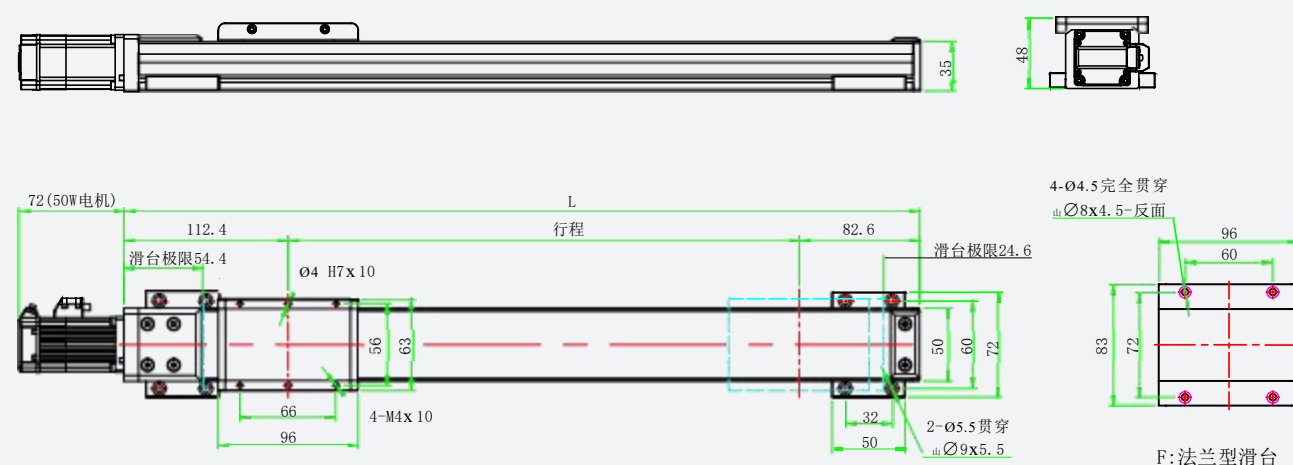


| 水平轴 | 扭矩 (N.m) |
|-----|----------|
| X   | 6.5      |
| Z   | 5        |



| 水平轴 | 扭矩 (N.m) |
|-----|----------|
| Y   | 6.5      |
| Z   | 5.5      |

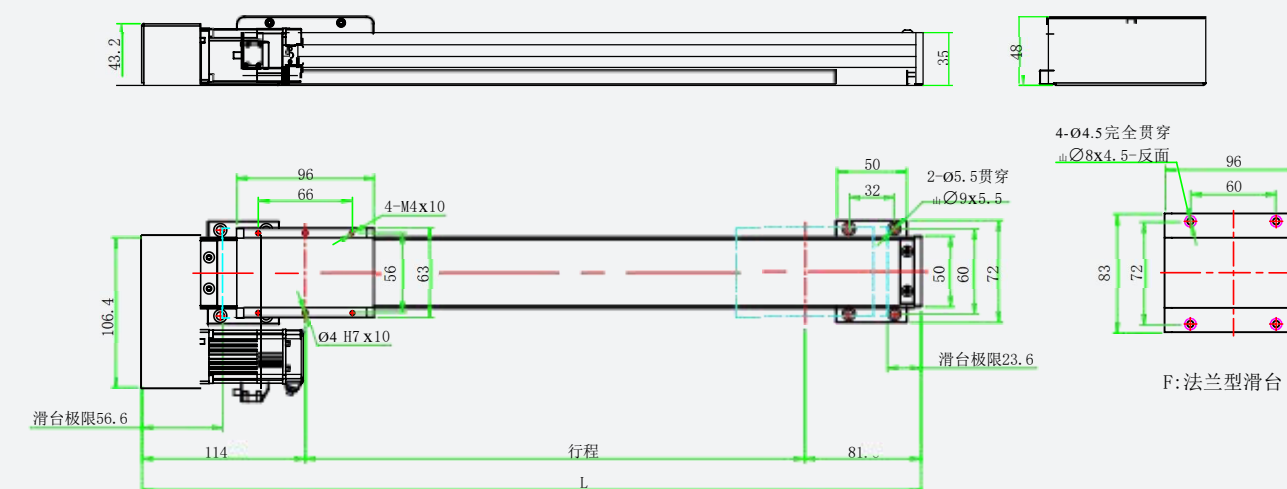
FDC50D - 电机直连外露 Motor directly connected to the exposed



| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L              | 295 | 345 | 395 | 445 | 495 | 545 | 595 | 645 | 695 | 745 | 795 |
| 重量 Weight (kg) | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 |

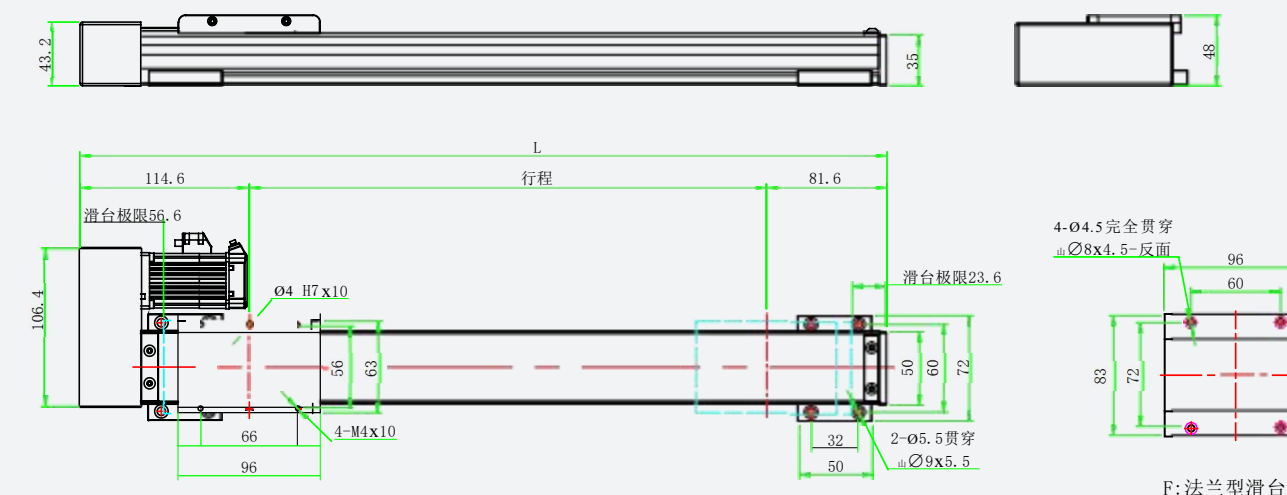


FDC50L - 电机左折 Motor on the left



| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L              | 295 | 345 | 395 | 445 | 495 | 545 | 595 | 645 | 695 | 745 | 795 |
| 重量 Weight (kg) | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 |

FDC50R - 电机右折 Motor on the right

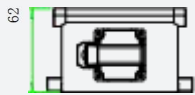


| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L              | 295 | 345 | 395 | 445 | 495 | 545 | 595 | 645 | 695 | 745 | 795 |
| 重量 Weight (kg) | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 |





FDC88 丝杆防尘型 Dust screw type



标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 15$ 、 $\Phi 16$   
15mm 微型导轨: 2 条
- 感应开关: 3 个  
联轴器: 1 个
- Ball screw diameter:  $\Phi 15$ ,  $\Phi 16$   
15mm mini-guide: 2 PCS
- Sensor Switch: 3 PCS  
Coupling: 1 PC



FDC88D



FDC88R

• 特点 Feature

1. 体积小、载荷大、外形美观、密封防尘、高强度铝合金材料
  2. 设计紧凑、总高度低,能有效节省空间
  3. 双导轨、高精度丝杆中间驱动,可使用在扭矩或者负载更大的场合
  4. 可定制法兰型滑座,方便下锁式的特殊场合安装
1. Small size, load, appearance, sealing against dust, high-strength aluminum alloy.  
2. Compact design, low overall height, can effectively save space.  
3. Dual-rail, high-precision screw driver in the middle, can be used in load torque or more occasions.  
4. Customizable flange type slide, under lock easy to install special occasions.

型号格式 Model Format

FDC88 - F - D - 10 - 200 - D10 -

B - 备注  
Remark

| 型号<br>Model | 滑台样式<br>Slip Style                                 | 电机位置<br>Motor position                                                                                                              | 导程<br>Lead                                 | 行程<br>Stroke                                   | 电机品牌及功率<br>Motor and Power                                                                                            | 刹车<br>Brakes                                                    |
|-------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
|             | 空白: 无法兰<br>Blank: flangeless<br>F: 法兰<br>F: Flange | L: 电机左侧<br>L: motor on the left<br>R: 电机右侧<br>R: motor on the right side<br>D: 电机直连外露<br>D: motor directly connected to the exposed | 5: 5mm<br>10: 10mm<br>16: 16mm<br>20: 20mm | 100-900mm<br>行程可定制<br>Stroke can be customized | D: 台达 10: 100W<br>D: Delta<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br>无刹车不表示<br>No brakes do not represent |



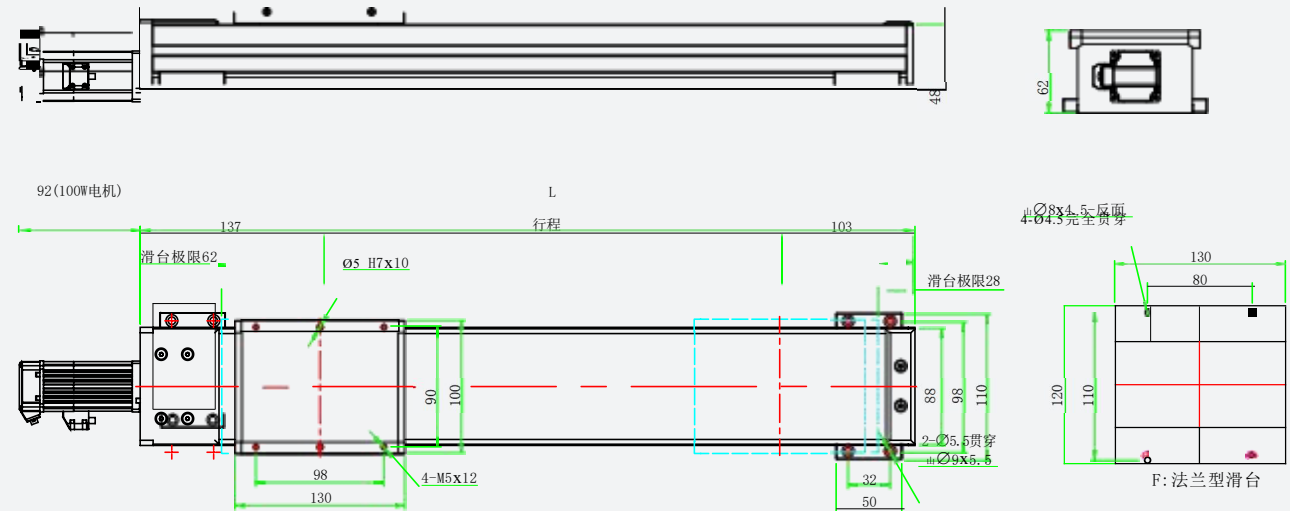
• 基本参数 Basic parameters

|                                       |                                  |     |     |      |
|---------------------------------------|----------------------------------|-----|-----|------|
| 电机功率 Motor Power                      | 100W                             |     |     |      |
| 重复定位精度 Repeat accuracy (mm)           | 0.02                             |     |     |      |
| 滚珠丝杠导程 Ball screw lead (mm)           | 5                                | 10  | 16  | 20   |
| 最大速度 Maximum speed (mm/s)             | 250                              | 500 | 800 | 1000 |
| 最大搬运重量<br>The maximum carrying weight | 水平安装 (kg)<br>Horizontal mounting | 40  | 30  | 25   |
|                                       | 垂直安装 (kg)<br>Vertical mounting   | 15  | 10  | 7    |
| 额定推力 Rated thrust (N)                 | 362                              | 181 | 113 | 90   |
| 标准行程 Standard stroke (mm)             | 100-800                          |     |     |      |

• 力矩参数 Torque parameters

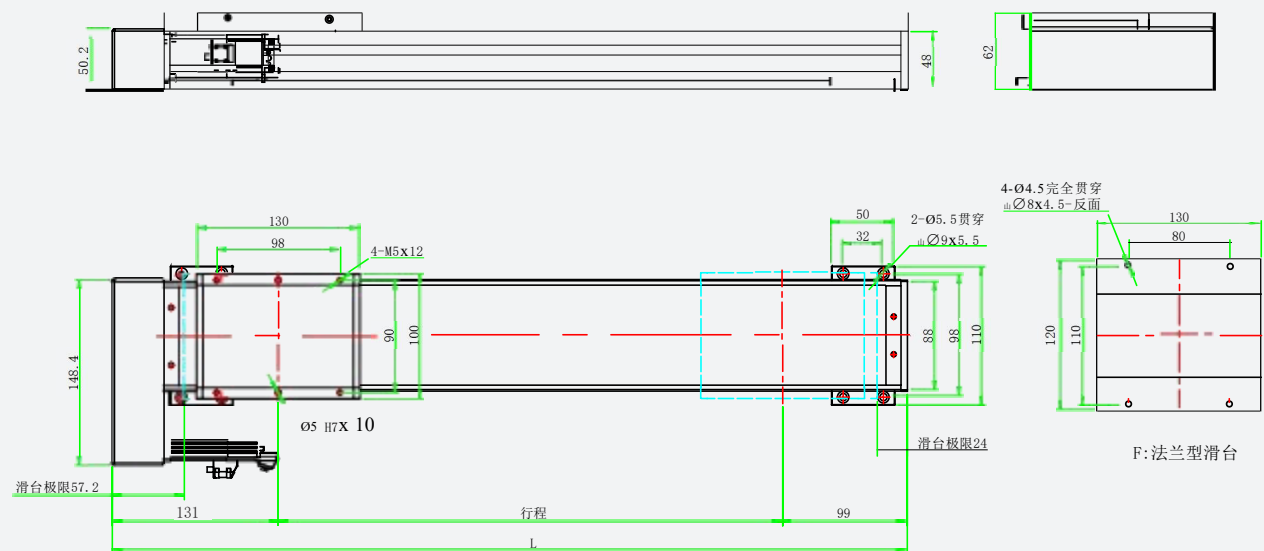
|     |          |
|-----|----------|
|     |          |
| 丝杆轴 | 扭矩 (N.m) |
| X   | 13       |
| Y   | 16       |
|     |          |
| 丝杆轴 | 扭矩 (N.m) |
| X   | 35       |
| Z   | 25       |
|     |          |
| 丝杆轴 | 扭矩 (N.m) |
| Y   | 45       |
| Z   | 35       |

FDC88D - 电机直连外露 Motor directly connected to the exposed



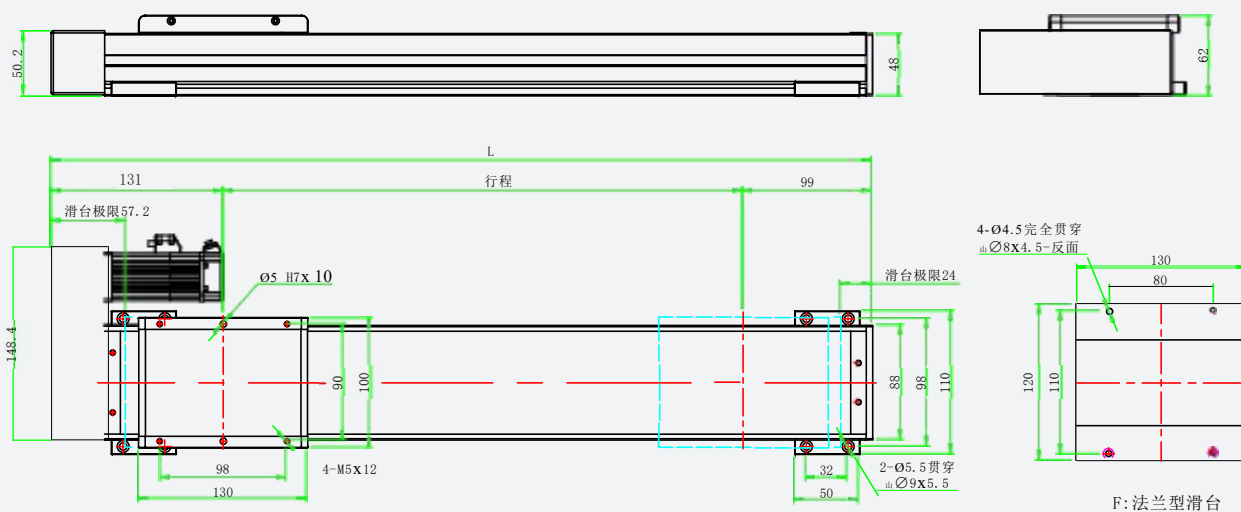
| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| L              | 340 | 390 | 440 | 490 | 540 | 590 | 640 | 690 | 740 | 790 | 840 | 890 | 940 | 990 | 1040 |
| 重量 Weight (kg) | 4.4 | 4.7 | 5   | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1 | 7.4 | 7.7 | 8   | 8.3 | 8.6  |

FDC88L - 电机左折 Motor on the left



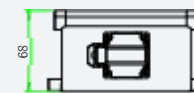
|               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
| L             | 330 | 380 | 430 | 480 | 530 | 580 | 630 | 680 | 730 | 780 | 830 | 880 | 930 | 980 | 1030 |
| 重量 Weight(kg) | 4.4 | 4.7 | 5   | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1 | 7.4 | 7.7 | 8   | 8.3 | 8.6  |

FDC88R - 电机右折 Motor on the right



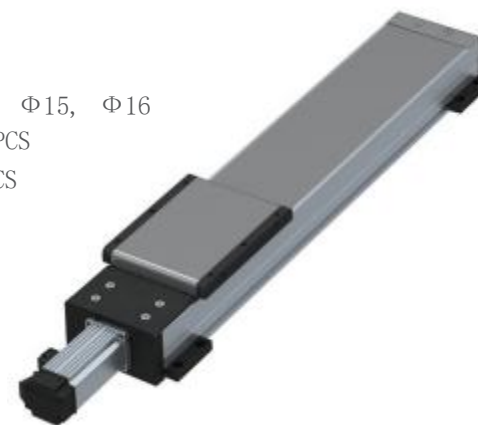
|               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
| L             | 330 | 380 | 430 | 480 | 530 | 580 | 630 | 680 | 730 | 780 | 830 | 880 | 930 | 980 | 1030 |
| 重量 Weight(kg) | 4.4 | 4.7 | 5   | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1 | 7.4 | 7.7 | 8   | 8.3 | 8.6  |

FDC108 丝杆防尘型 Dust screw type



## 标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 15$ 、 $\Phi 16$
- 15 直线导轨: 2 条
- 感应开关: 3 个
- 联轴器: 1 个
- Ball screw diameter:  $\Phi 15$ ,  $\Phi 16$
- 15 linear guide: 2 PCS
- Sensor Switch: 3 PCS
- Coupling: 1 PC



FDC108D



FDC108R

- 特点 Feature

1. 体积小、载荷大、外形美观、密封防尘、高强度铝合金材料
  2. 设计紧凑、总高度低，能有效节省空间
  3. 双导轨、高精度丝杆中间驱动，可使用在扭矩或者负载更大的场合
  4. 可定制法兰型滑座，方便下锁式的特殊场合安装
1. Small size, load, appearance, sealing against dust, high-strength aluminum alloy.
  2. Compact design, low overall height, can effectively save space.
  3. Dual-rail, high-precision screw driver in the middle, can be used in load torque or more occasions.
  4. Customizable flange type slide, under lock easy to install special occasions.

## 型号格式 Model Format

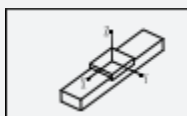
FDC108 – F – D – 10 – 200 – D10 –

B — 备注  
Remark

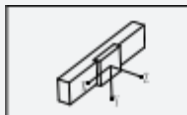
- 基本参数 Basic parameters

|                                          |                                  |          |     |     |      |
|------------------------------------------|----------------------------------|----------|-----|-----|------|
| 电机功率 Motor Power                         |                                  | 200W     |     |     |      |
| 重复定位精度 Repeat accuracy (mm)              |                                  | 0.02     |     |     |      |
| 滚珠丝杠导程 Ball screw lead (mm)              |                                  | 5        | 10  | 16  | 20   |
| 最大速度 Maximum speed (mm/s)                |                                  | 250      | 500 | 800 | 1000 |
| 最大搬运重量<br>The maximum<br>carrying weight | 水平安装 (kg)<br>Horizontal mounting | 50       | 30  | 25  | 20   |
|                                          | 垂直安装 (kg)<br>Vertical mounting   | 20       | 12  | 8   |      |
| 额定推力 Rated thrust (N)                    |                                  | 724      | 362 | 226 | 181  |
| 标准行程 Standard stroke (mm)                |                                  | 100-1000 |     |     |      |

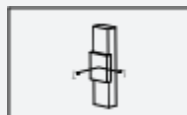
- 力矩参数 Torque parameters



| 水平位置 | 力矩 (N.m) |
|------|----------|
| X    | 90       |
| Y    | 120      |

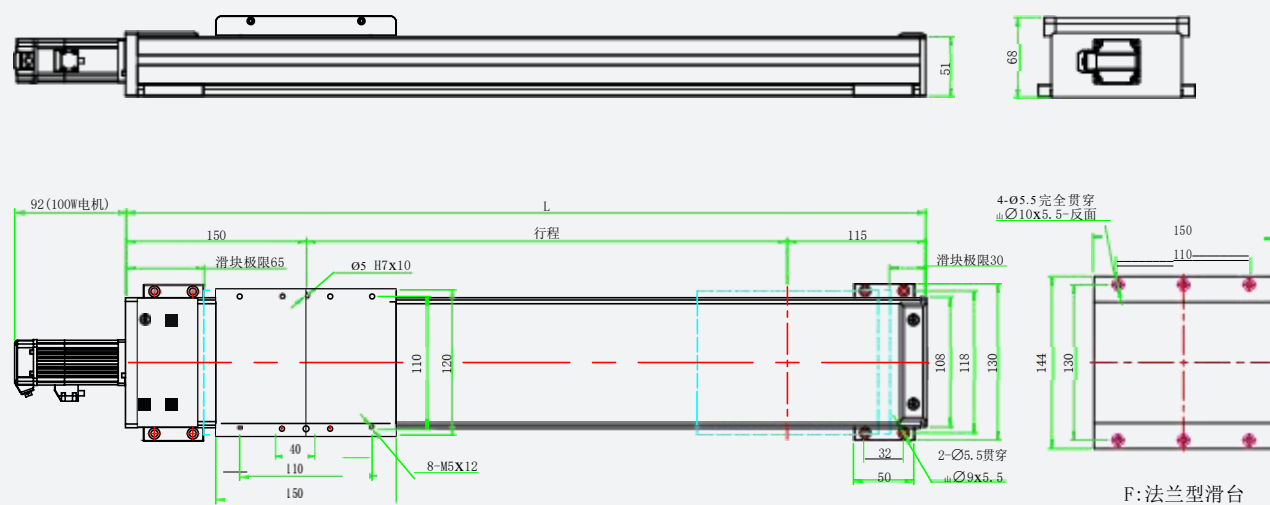


| 水平使用 | 力矩 (N.m) |
|------|----------|
| X    | 100      |
| Z    | 130      |



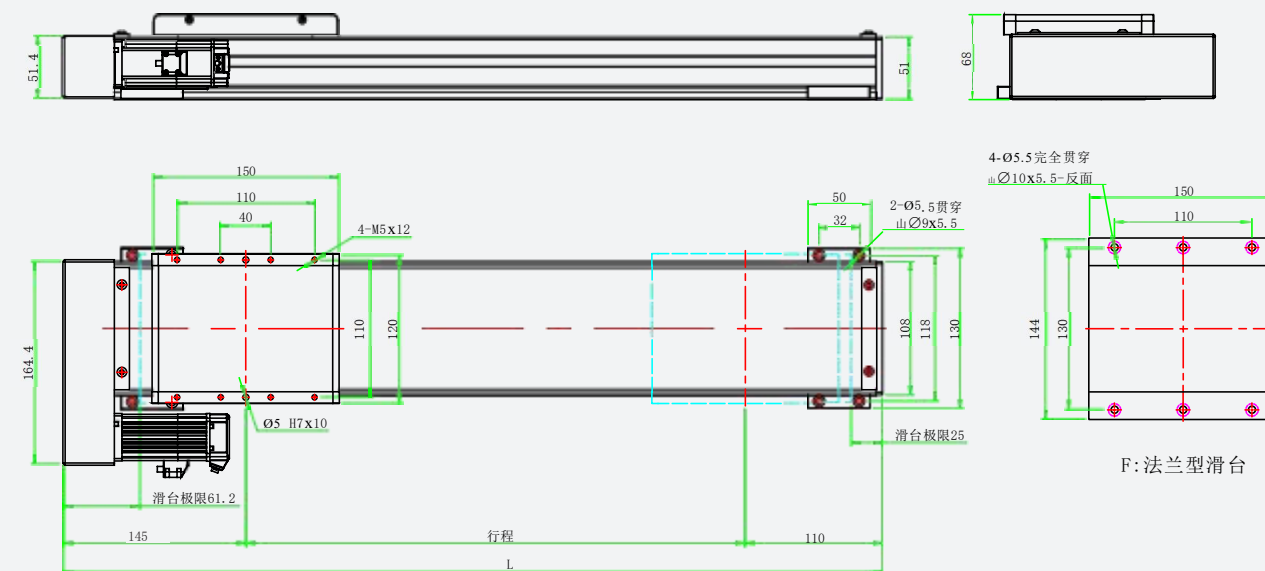
|      |          |
|------|----------|
| 水平使用 | 扭矩 (N.m) |
| Y    | 90       |
| Z    | 110      |

FDC108D - 电机直连外露 Motor directly connected to the exposed



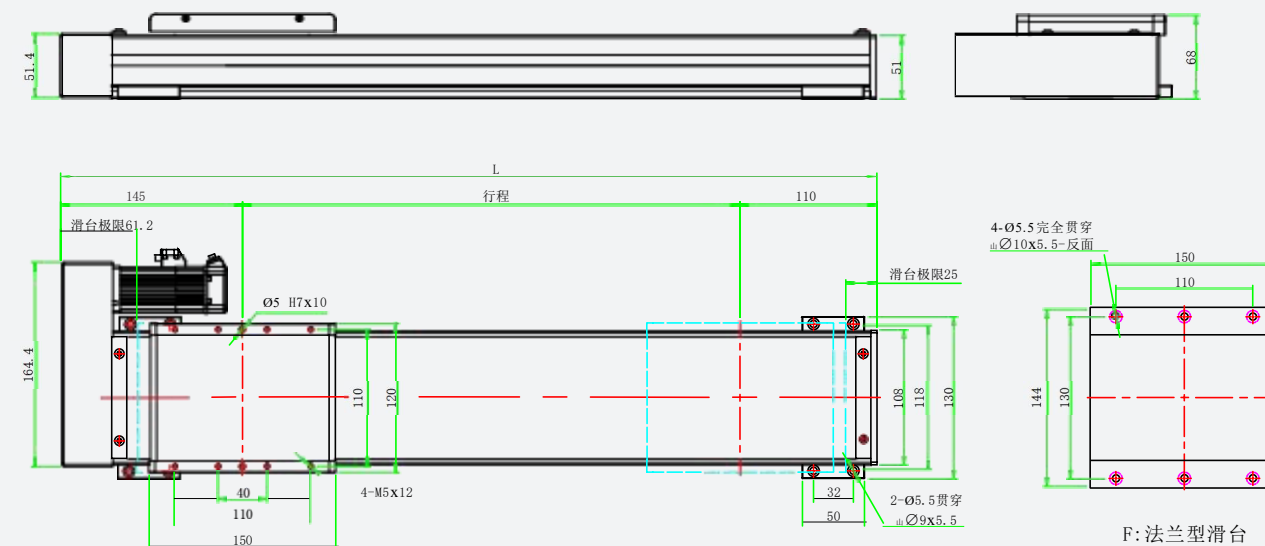
|               |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
| L             | 365 | 415 | 465 | 515 | 565 | 615 | 665 | 715 | 765 | 815  | 865  | 915  | 965  | 1015 | 1065 | 1115 | 1165 | 1215 | 1265 |
| 重量 Weight(kg) | 5.9 | 6.3 | 7   | 7.4 | 7.8 | 8.8 | 9.2 | 9.6 | 10  | 10.4 | 10.8 | 11.2 | 11.6 | 12   | 12.4 | 12.8 | 13.2 | 13.6 | 14   |

FDC108L - 电机左折 Motor on the left



|               |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
| L             | 355 | 405 | 455 | 505 | 555 | 605 | 655 | 705 | 755 | 805  | 855  | 905  | 955  | 1005 | 1055 | 1105 | 1155 | 1205 | 1255 |
| 重量 Weight(kg) | 5.9 | 6.3 | 7   | 7.4 | 7.8 | 8.8 | 9.2 | 9.6 | 10  | 10.4 | 10.8 | 11.2 | 11.6 | 12   | 12.4 | 12.8 | 13.2 | 13.6 | 14   |

FDC108R - 电机右折 Motor on the right



|                |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| 行程 stroke(mm)  | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
| L              | 355 | 405 | 455 | 505 | 555 | 605 | 655 | 705 | 755 | 805  | 855  | 905  | 955  | 1005 | 1055 | 1105 | 1155 | 1205 | 1255 |
| 重量 Weight (kg) | 5.9 | 6.3 | 7   | 7.4 | 7.8 | 8.8 | 9.2 | 9.6 | 10  | 10.4 | 10.8 | 11.2 | 11.6 | 12   | 12.4 | 12.8 | 13.2 | 13.6 | 14   |





## FDC198 丝杆防尘型 Dust screw

### type 标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 25$ 、 $\Phi 32$
- 25 直线导轨: 2 条
- 感应开关: 3 个
- 联轴器: 1 个
- Ball screw diameter:  $\Phi 25$ ,  $\Phi 32$
- 25 linear guide: 2 PCS
- Sensor Switch: 3 PCS
- couplings: 1 PC



FDC198D



FDC198H



FDC198R

### • 型号格式 Model Format

1. 密封防尘 2. 适用于较高负载、高精度的机构, 可以其他引动器任意组合使用

1. Dust sealed. 2. For higher loads, any combination of precision mechanism, can motivate other uses.

## FDC198

型号

Model

## D

电机位置

Motor position

L: 电机左侧  
L: motor on the left  
R: 电机右侧  
R: motor on the right side  
D: 电机直连外露  
D: motor directly connected to the exposed  
H: 电机内置  
H: Motor Built

## 10 - 200

导程

Lead

5: 5mm  
10: 10mm  
20: 20mm  
25: 25mm  
32: 32mm  
皮带驱动不表示  
Belt drive does not mean that

## 行程

Stroke

100-2000mm  
行程可定制  
Stroke can be customized

## 电机品牌及功率

Motor and Power

D: 台达 40: 400W  
D: Delta 75: 750W  
P: 松下 100: 1KW  
P: Panasonic  
M: 三菱  
M: Mitsubishi  
步进电机表型号  
Stepper motor Table Model

## B

刹车

Brakes

B: 带刹车  
B: with brake  
无刹车不表示  
No brakes do not represent

备注  
Remark

### • 基本参数 Basic parameters

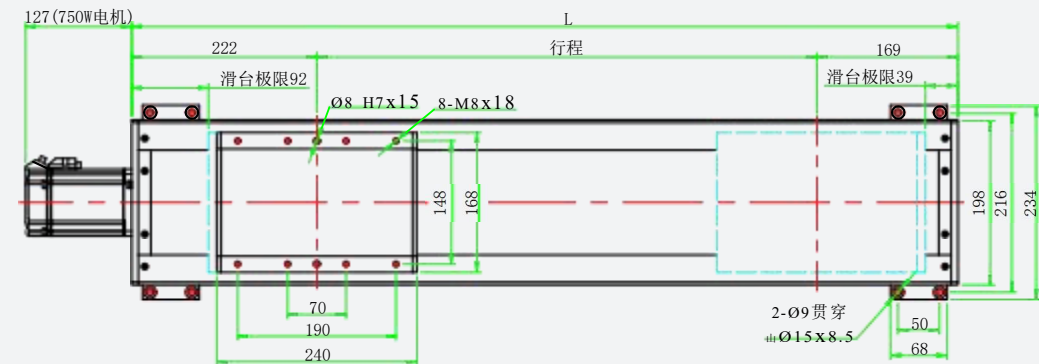
| 电机功率 Motor Power                      |                  |                                  | 400W/750W/1KW |      |      |      |      |
|---------------------------------------|------------------|----------------------------------|---------------|------|------|------|------|
| 重复定位精度 Repeat accuracy (mm)           |                  |                                  | 0.02          |      |      |      |      |
| 滚珠丝杠导程 Ball screw lead (mm)           |                  |                                  | 5             | 10   | 20   | 25   | 32   |
| 最大速度 Maximum speed (mm/s)             |                  |                                  | 250           | 500  | 1000 | 1250 | 1600 |
| 最大搬运重量<br>The maximum carrying weight | 马达 Motor<br>750W | 水平安装 (kg)<br>Horizontal mounting | 140           | 130  | 110  | 90   | 75   |
|                                       |                  | 垂直安装 (kg)<br>Vertical mounting   | 70            | 50   | 35   |      |      |
|                                       | 马达 Motor<br>1KW  | 水平安装 (kg)<br>Horizontal mounting | 160           | 150  | 130  | 110  | 95   |
|                                       |                  | 垂直安装 (kg)<br>Vertical mounting   | 85            | 65   | 50   |      |      |
| 额定推力<br>Rated thrust (N)              |                  | 750W                             | 1470          | 735  | 368  | 295  | 230  |
|                                       |                  | 1KW                              | 2714          | 1357 | 678  | 542  | 424  |
| 标准行程 Standard stroke (mm)             |                  |                                  | 100-1000      |      |      |      |      |

### • 力矩参数 Torque parameters

| 水平使用 | 力矩 (N.m) | 水平使用 | 力矩 (N.m) | 水平使用 | 力矩 (N.m) |
|------|----------|------|----------|------|----------|
| X    | 620      | X    | 590      | Y    | 590      |
| Y    | 720      | Z    | 740      | Z    | 710      |

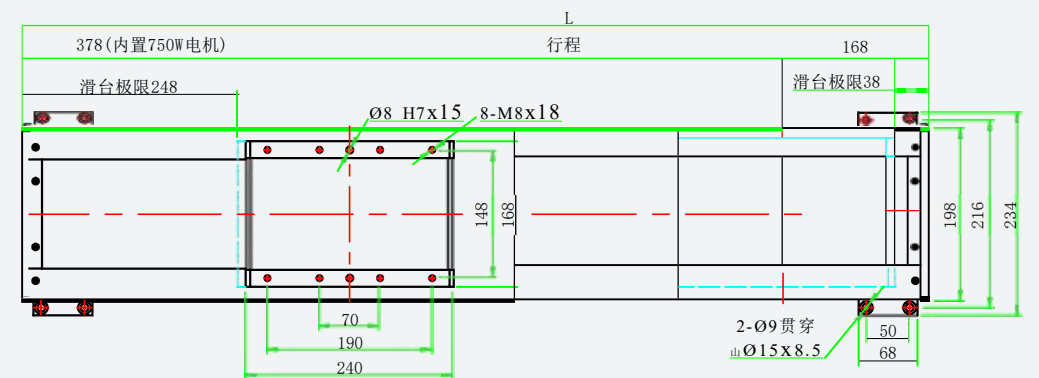
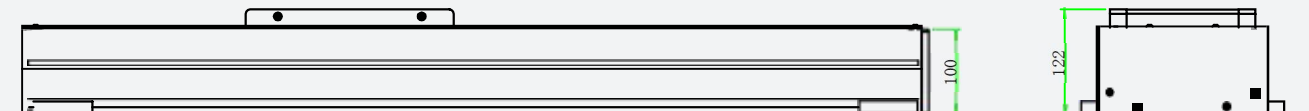


## FDC198D - 电机直连外露 Motor directly connected to the exposed



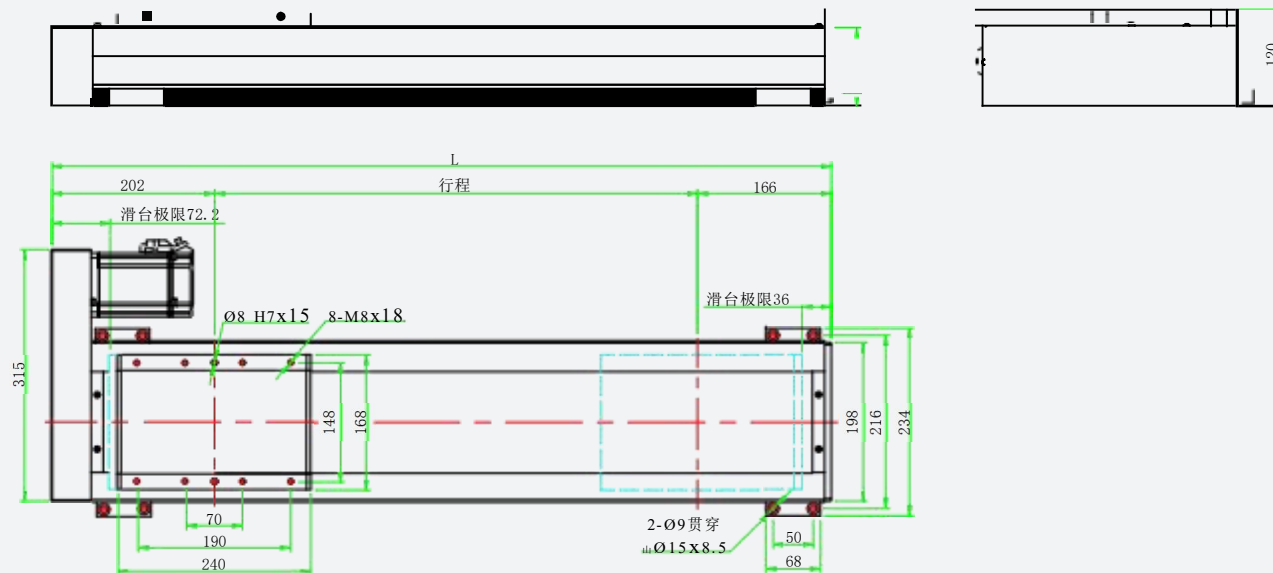
| 行程 stroke (mm) | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L              | 491  | 541  | 591  | 641  | 691  | 741  | 791  | 841  | 891  | 941  | 991  | 1041 | 1091 | 1141 | 1191 | 1241 | 1291 | 1341 | 1391 |
| 重量 Weight (kg) | 21.5 | 22.5 | 23.5 | 24.5 | 25.5 | 26.5 | 27.5 | 28.5 | 29.5 | 30.5 | 31.5 | 32.5 | 33.5 | 34.5 | 35.5 | 36.5 | 37.5 | 38.5 | 39.5 |

## FDC198H - 电机内置 Motor Built



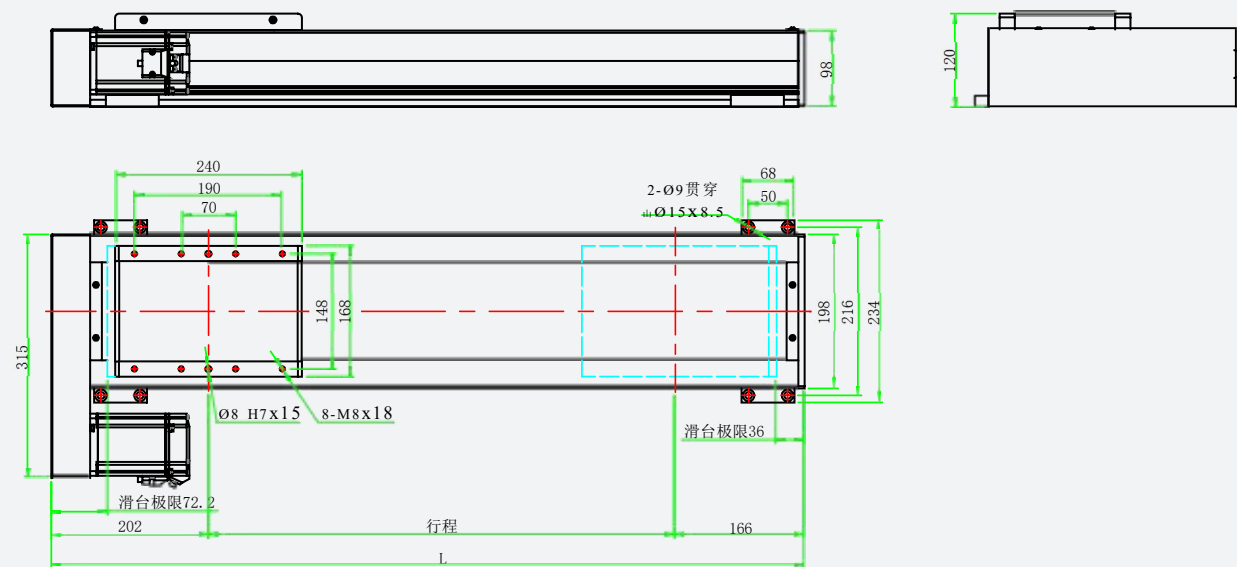
| 行程 stroke (mm) | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L              | 646  | 696  | 746  | 796  | 846  | 896  | 946  | 996  | 1046 | 1096 | 1146 | 1196 | 1246 | 1296 | 1346 | 1396 | 1446 | 1496 | 1546 |
| 重量 Weight (kg) | 22.5 | 23.5 | 24.5 | 25.5 | 26.5 | 27.5 | 28.5 | 29.5 | 30.5 | 31.5 | 32.5 | 33.5 | 34.5 | 35.5 | 36.5 | 37.5 | 38.5 | 39.5 | 40.5 |

FDC198R - 电机右折 Motor on the right



|               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 行程 stroke(mm) | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
| L             | 368  | 418  | 468  | 518  | 568  | 618  | 668  | 718  | 768  | 818  | 868  | 918  | 968  | 1018 | 1068 | 1118 | 1168 | 1218 | 1268 |
| 重量 Weight(kg) | 21.5 | 22.5 | 23.5 | 24.5 | 25.5 | 26.5 | 27.5 | 28.5 | 29.5 | 30.5 | 31.5 | 32.5 | 33.5 | 34.5 | 35.5 | 36.5 | 37.5 | 38.5 | 39.5 |

FDC198L - 电机左折 Motor on the left

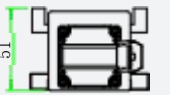


|               |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 行程 stroke(mm) | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
| L             | 368  | 418  | 468  | 518  | 568  | 618  | 668  | 718  | 768  | 818  | 868  | 918  | 968  | 1018 | 1068 | 1118 | 1168 | 1218 | 1268 |
| 重量 Weight(kg) | 21.5 | 22.5 | 23.5 | 24.5 | 25.5 | 26.5 | 27.5 | 28.5 | 29.5 | 30.5 | 31.5 | 32.5 | 33.5 | 34.5 | 35.5 | 36.5 | 37.5 | 38.5 | 39.5 |

## FDR50 丝杆半封闭型 Semi-hermetic

screw 标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 10$
- 9mm 微型导轨: 2 条
- 感应开关: 3 个
- 联轴器: 1 个
- Ball screw diameter:  $\Phi 10$
- 9mm mini-guide: 2 PCS
- Sensor Switch: 3 PCS
- Coupling: 1 PC



FDR50D



FDR50R

- 特点 Feature

1. 体积小、载荷大、外形美观、高强度铝合金材料    2. 设计紧凑、总高度低，能有效节省空间    3. 双导轨、高精度丝杆中间驱动，可使用在扭矩或者负载更大的场合
- 1.Small size, load, appearance, high-strength aluminum alloy.    2. Compact design, low overall height, can effectively save space.    3. Dual-rail, high-precision screw driver in the middle, can be used in load torque or more occasions.

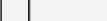
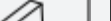
## 型号格式 Model Format

| FDR50 – D –                                                                                                                         | 2 –                    | 200 – D10 –                                    | B –                                                                                                                         | 备注<br>Remark                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 型号<br>Model                                                                                                                         | 电机位置<br>Motor position | 行程<br>Stroke                                   | 电机品牌及功率<br>Motor and Power                                                                                                  | 刹车<br>Brakes                                                    |
| L: 电机左侧<br>L: motor on the left<br>R: 电机右侧<br>R: motor on the right side<br>D: 电机直连外露<br>D: motor directly connected to the exposed | 2: 2mm                 | 100~900mm<br>行程可定制<br>Stroke can be customized | D: 台达 05:50W<br>D: Delta 10:100W<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br>无刹车不表示<br>No brakes do not represent |

- 基本参数 Basic parameters

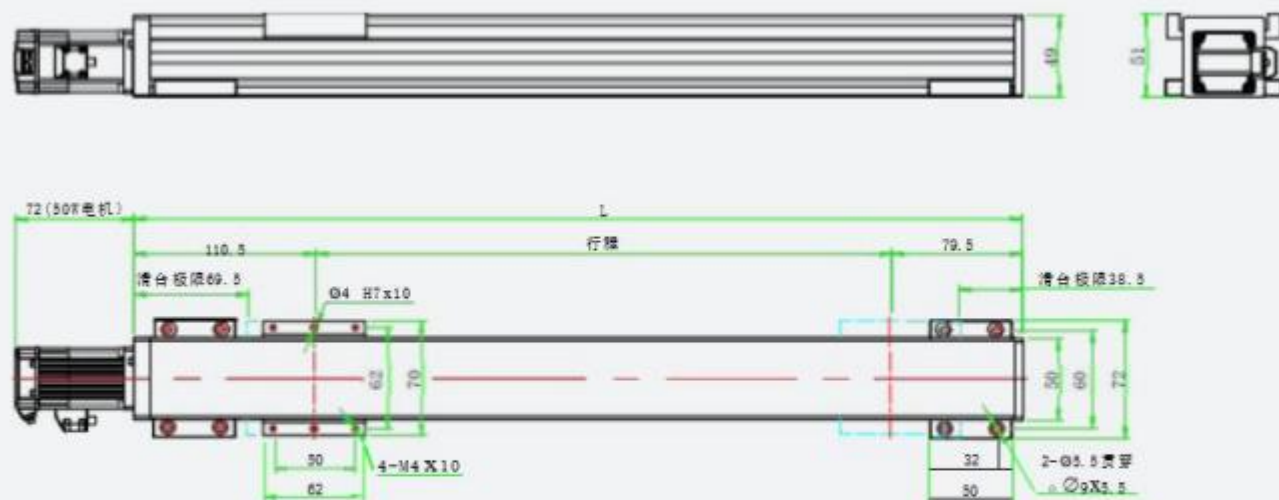
|                                          |                                  |         |
|------------------------------------------|----------------------------------|---------|
| 电机功率 Motor Power                         |                                  | 100W    |
| 重复定位精度 Repeat accuracy (mm)              |                                  | 0.02    |
| 滚珠丝杠导程 Ball screw lead (mm)              |                                  | 2       |
| 最大速度 Maximum speed (mm/s)                |                                  | 100     |
| 最大搬运重量<br>The maximum<br>carrying weight | 水平安装 (kg)<br>Horizontal mounting | 10      |
|                                          | 垂直安装 (kg)<br>Vertical mounting   | 5       |
| 额定推力 Rated thrust (N)                    |                                  | 905     |
| 标准行程 Standard stroke (mm)                |                                  | 100-600 |

- 力矩参数 Torque parameters

|                                                                                       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| 水平使用<br>曲げ (N.m)                                                                      | 水平使用<br>曲げ (N.m)                                                                      | 水平使用<br>曲げ (N.m)                                                                      |
| X<br>Y                                                                                | X<br>Z                                                                                | Y<br>Z                                                                                |
| 8<br>5                                                                                | 6.5<br>5                                                                              | 6.5<br>5.5                                                                            |

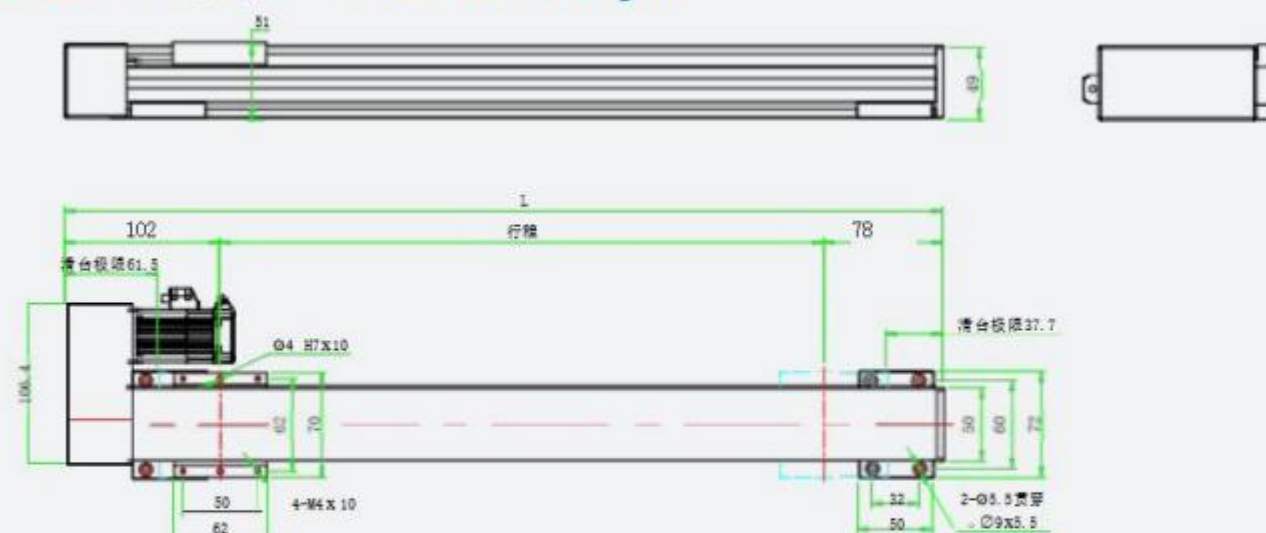


## FDR50D - 电机直连外露 Motor directly connected to the exposed



| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L             | 290 | 340 | 390 | 440 | 490 | 540 | 590 | 640 | 690 | 740 | 790 |
| 重量 Weight(kg) | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 |

## FDR50R - 电机右折 Motor on the right



| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L             | 280 | 330 | 380 | 430 | 480 | 530 | 580 | 630 | 680 | 730 | 780 |
| 重量 Weight(kg) | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 |



## FDR80 丝杆半封闭型 Semi-hermetic screw

### 标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 16$
- 9mm 微型导轨: 2 条
- 感应开关: 3 个
- 联轴器: 1 个
- Ball screw diameter:  $\Phi 16$
- 9mm mini-guide: 2 PCS
- Sensor Switch: 3 PCS
- Coupling: 1 PC



FDR80D



FDR80R

### • 型号格式 Model Format

1. 半封闭结构
2. 适用于中负载、高精度的机构，可以其他引动器任意组合使用
- 1.Semi-enclosed structure.
- 2.Suitable for medium load, high-precision mechanism, any other combination can use Actuator.

### 型号格式 Model Format

| 型号                               | 电机位置                                                                                                                                | 导程                             | 行程                                             | 电机品牌及功率                                                                                                                        | 刹车                                                              | 备注     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------|
| Model                            | Motor position                                                                                                                      | Lead                           | Stroke                                         | Motor and Power                                                                                                                | Brakes                                                          | Remark |
| FDR80 - D - 10 - 200 - D10 - B - | L: 电机左侧<br>L: motor on the left<br>R: 电机右侧<br>R: motor on the right side<br>D: 电机直连外露<br>D: motor directly connected to the exposed | 5: 5mm<br>10: 10mm<br>16: 16mm | 100-900mm<br>行程可定制<br>Stroke can be customized | D: 台达 10: 100W<br>D: Delta 20: 200W<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br>无刹车不表示<br>No brakes do not represent |        |





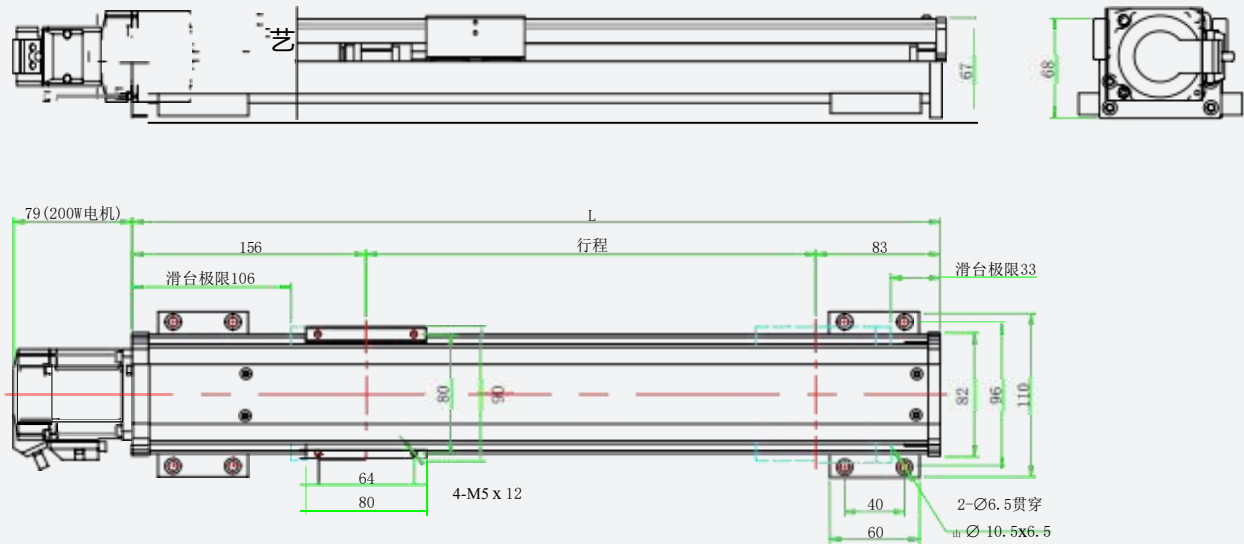
● 基本参数 Basic parameters

|                                       |                  |                                  |           |     |     |
|---------------------------------------|------------------|----------------------------------|-----------|-----|-----|
| 电机功率 Motor Power                      |                  |                                  | 100W/200W |     |     |
| 重复定位精度 Repeat accuracy (mm)           |                  |                                  | 0.02      |     |     |
| 滚珠丝杠导程 Ball screw lead (mm)           |                  |                                  | 5         | 10  | 16  |
| 最大速度 Maximum speed (mm/s)             |                  |                                  | 250       | 500 | 800 |
| 最大搬运重量<br>The maximum carrying weight | 马达 Motor<br>100W | 水平安装 (kg)<br>Horizontal mounting | 30        | 20  | 15  |
|                                       |                  | 垂直安装 (kg)<br>Vertical mounting   | 12        | 8   | 5   |
|                                       | 马达 Motor<br>200W | 水平安装 (kg)<br>Horizontal mounting | 40        | 30  | 25  |
|                                       |                  | 垂直安装 (kg)<br>Vertical mounting   | 20        | 12  | 8   |
| 额定推力<br>Rated thrust (N)              | 100W             |                                  | 362       | 181 | 113 |
|                                       | 200W             |                                  | 724       | 362 | 226 |
| 标准行程 Standard stroke (mm)             |                  |                                  | 100-800   |     |     |

● 力矩参数 Torque parameters

|                                                                                   |          |                                                                                     |          |                                                                                     |          |
|-----------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|----------|
|  |          |  |          |  |          |
| 水平使用                                                                              | 负载 (N.m) | 水平使用                                                                                | 负载 (N.m) | 水平使用                                                                                | 负载 (N.m) |
| X                                                                                 | 20       | X                                                                                   | 18       | Y                                                                                   | 18       |
| Y                                                                                 | 32       | Z                                                                                   | 30       | Z                                                                                   | 20       |

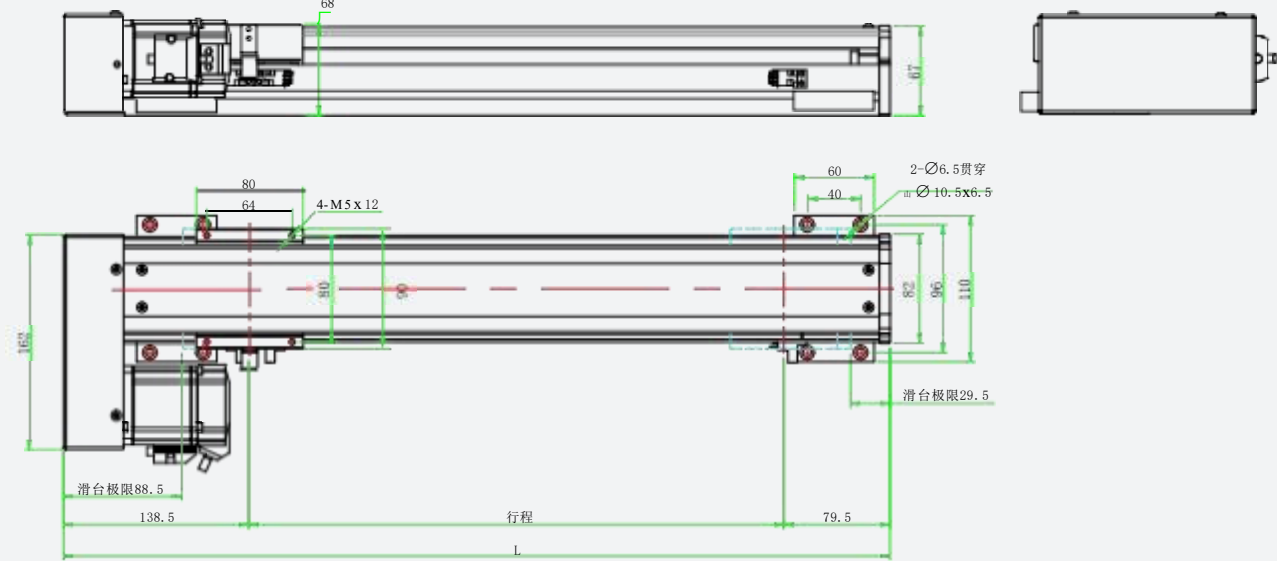
FDR80D 电机直连外露 Motor directly connected to the exposed



|                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
| L              | 339 | 389 | 439 | 489 | 539 | 589 | 639 | 689 | 739 | 789 | 839 | 889 | 939 | 989 | 1039 |
| 重量 Weight (kg) | 4.4 | 4.8 | 5.2 | 5.6 | 6   | 6.4 | 6.8 | 7.2 | 7.6 | 8   | 8.4 | 8.8 | 9.2 | 9.6 | 10   |

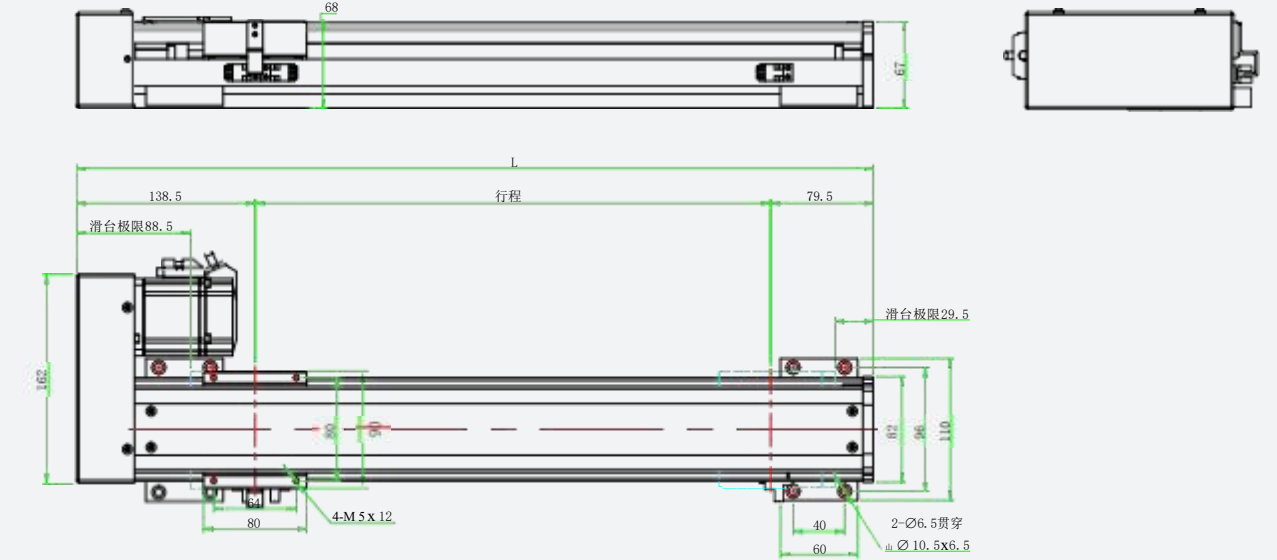


FDR80L - 电机左折 Motor on the left



|                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
| L              | 318 | 368 | 418 | 468 | 518 | 568 | 618 | 668 | 718 | 768 | 818 | 868 | 918 | 968 | 1018 |
| 重量 Weight (kg) | 4.4 | 4.8 | 5.2 | 5.6 | 6   | 6.4 | 6.8 | 7.2 | 7.6 | 8   | 8.4 | 8.8 | 9.2 | 9.6 | 10   |

FDR80R - 电机右折 Motor on the right

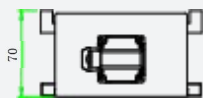


|                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
| L              | 318 | 368 | 418 | 468 | 518 | 568 | 618 | 668 | 718 | 768 | 818 | 868 | 918 | 968 | 1018 |
| 重量 Weight (kg) | 4.4 | 4.8 | 5.2 | 5.6 | 6   | 6.4 | 6.8 | 7.2 | 7.6 | 8   | 8.4 | 8.8 | 9.2 | 9.6 | 10   |

## FDR108 丝杆半封闭型 Semi-hermetic

### screw 标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 15$ 、 $\Phi 16$
- 15 直线导轨: 2 条
- 感应开关: 3 个
- 联轴器: 1 个
- Ball screw diameter:  $\Phi 15$ 、 $\Phi 16$
- 15 linear guide: 2 PCS
- Sensor Switch: 3 PCS
- Coupling: 1 PC



FDR108D



FDR108R

### • 特点 Feature

1. 体积小、载荷大、外形美观、高强度铝合金材料
2. 设计紧凑、总高度低，能有效节省空间
3. 双导轨、高精度丝杆中间驱动，可使用在扭矩或者负载更大的场合
- 1.Small size, load, appearance, sealing against dust, high-strength aluminum alloy.
- 2.Compact design, low overall height, can effectively save space.
- 3.Dual-rail, high-precision screw driver in the middle, can be used in load torque or more occasions.

### 型号格式 Model Format

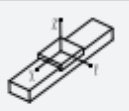
FDR108 — D — 10 — 200 — D20 — B — 备注 Remark

| 型号<br>Model | 电机位置<br>Motor position                                                                                                              | 导程<br>Lead                             | 行程<br>Stroke                                    | 电机品牌及功率<br>Motor and Power                                                                                                   | 刹车<br>Brakes                                                    |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
|             | L: 电机左侧<br>L: motor on the left<br>R: 电机右侧<br>R: motor on the right side<br>D: 电机直连外露<br>D: motor directly connected to the exposed | 5:5mm<br>10:10mm<br>16:16mm<br>20:20mm | 100~1500mm<br>行程可定制<br>Stroke can be customized | D: 台达 10:100W<br>D: Delta 20:200W<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br>无刹车不表示<br>No brakes do not represent |

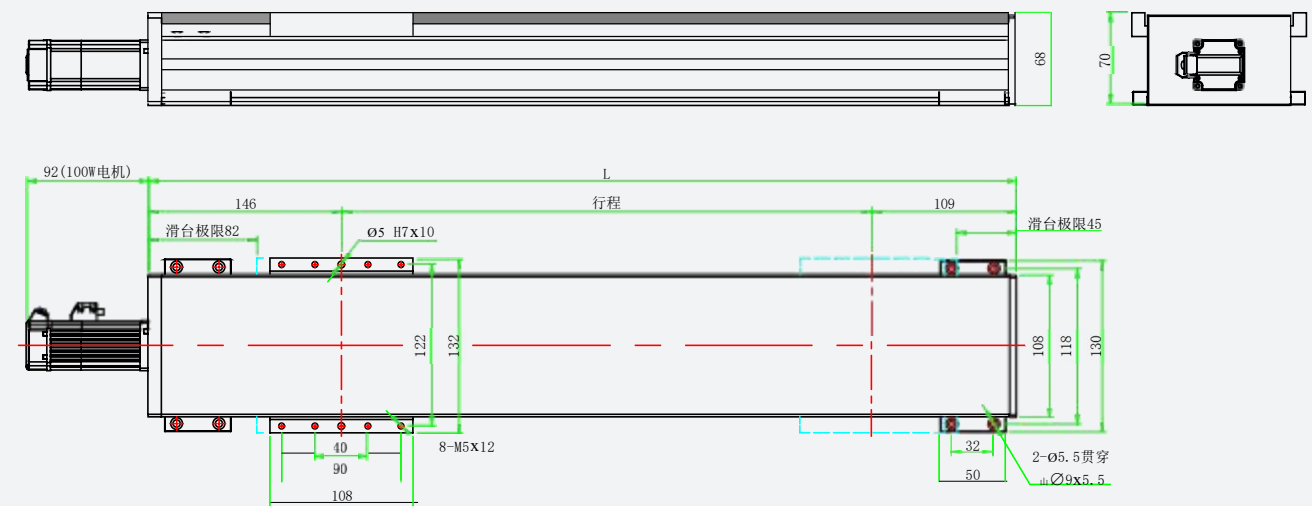
### • 基本参数 Basic parameters

|                                       |                                  |          |     |     |      |
|---------------------------------------|----------------------------------|----------|-----|-----|------|
| 电机功率 Motor Power                      |                                  | 100W     |     |     |      |
| 重复定位精度 Repeat accuracy (mm)           |                                  | 0.02     |     |     |      |
| 滚珠丝杠导程 Ball screw lead (mm)           |                                  | 5        | 10  | 16  | 20   |
| 最大速度 Maximum speed (mm/s)             |                                  | 250      | 500 | 800 | 1000 |
| 最大搬运重量<br>The maximum carrying weight | 水平安装 (kg)<br>Horizontal mounting | 50       | 30  | 25  | 20   |
|                                       | 垂直安装 (kg)<br>Vertical mounting   | 20       | 12  | 8   |      |
| 额定推力 Rated thrust (N)                 |                                  | 724      | 362 | 226 | 181  |
| 标准行程 Standard stroke (mm)             |                                  | 100~1000 |     |     |      |

### • 力矩参数 Torque parameters

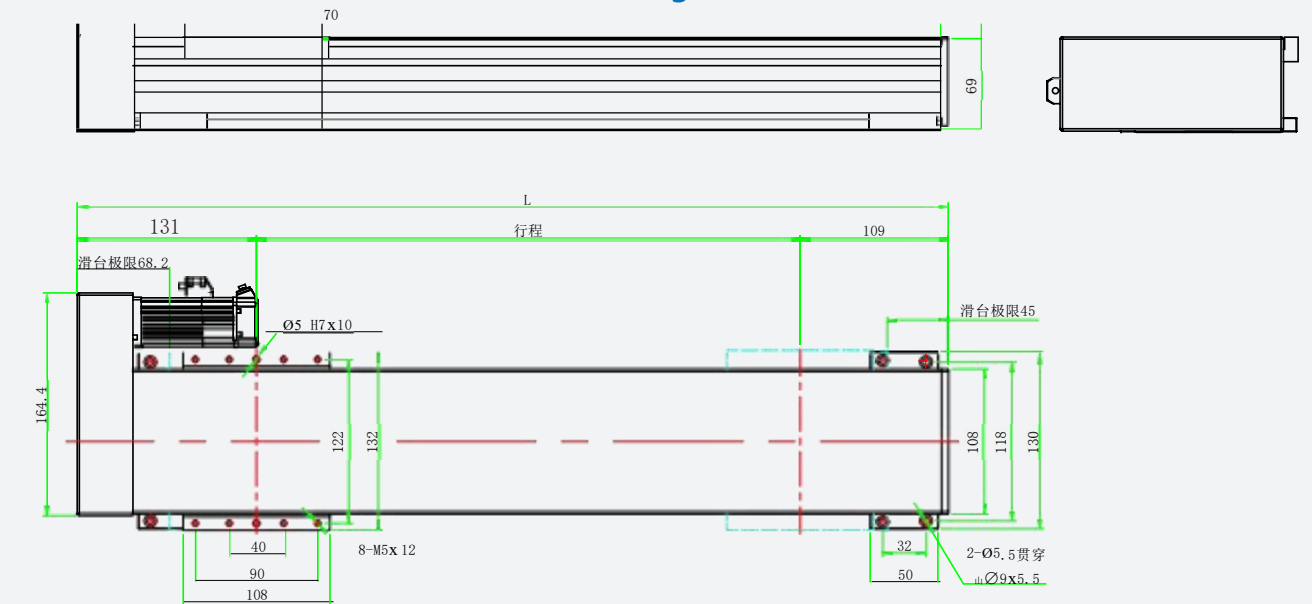
|                                                                                      |          |                                                                                       |          |                                                                                       |          |
|--------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|----------|
|  |          |  |          |  |          |
| 水平使用                                                                                 | 力矩 (N.m) | 水平使用                                                                                  | 力矩 (N.m) | 水平使用                                                                                  | 力矩 (N.m) |
| X                                                                                    | 90       | X                                                                                     | 100      | Y                                                                                     | 90       |
| Y                                                                                    | 120      | Z                                                                                     | 130      | Z                                                                                     | 110      |

## FDR108D - 电机直连外露 Motor directly connected to the exposed



| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| L              | 355 | 405 | 455 | 505 | 555 | 605 | 655 | 705 | 755 | 805  | 855  | 905  | 955  | 1005 | 1055 | 1105 | 1155 | 1205 | 1255 |
| 重量 Weight (kg) | 5.9 | 6.3 | 7   | 7.4 | 7.8 | 8.8 | 9.2 | 9.6 | 10  | 10.4 | 10.8 | 11.2 | 11.6 | 12   | 12.4 | 12.8 | 13.2 | 13.6 | 14   |

## FDR108R - 电机右折 Motor on the right



| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550  | 600  | 650  | 700  | 750 | 800  | 850  | 900  | 950  | 1000 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|------|------|------|------|------|
| L              | 340 | 390 | 440 | 490 | 540 | 590 | 640 | 690 | 740 | 790  | 840  | 890  | 940  | 990 | 1040 | 1090 | 1140 | 1190 | 1240 |
| 重量 Weight (kg) | 5.9 | 6.3 | 7   | 7.4 | 7.8 | 8.8 | 9.2 | 9.6 | 10  | 10.4 | 10.8 | 11.2 | 11.6 | 12  | 12.4 | 12.8 | 13.2 | 13.6 | 14   |



## FDR300 丝杆半封闭型 Semi-hermetic

### screw 标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 32$ 、 $\Phi 40$
- 30 直线导轨: 2 条
- 感应开关: 3 个
- 联轴器: 1 个
- Ball screw diameter:  $\Phi 32$ ,  $\Phi 40$
- 30 linear guide: 2 PCS
- Sensor Switch: 3 PCS
- couplings: 1 PC



FDR300D



FDR300R

### ● 型号格式 Model Format

1. 半封闭结构
2. 适用于超高负载、跨度大、高精度的机构，可其他引动器任意组合使用
1. The semi-enclosed structure . 2. For ultra-load, span, high-precision mechanism, other Actuator can use any combination .

## FDR300 - D - 10 - 200 - D75

| 型号<br>Model | 电机位置<br>Motor position                                                               | 导程<br>Lead                                             | 行程<br>Stroke                                    | 电机品牌及功率<br>Motor and Power                                                                                                           | 刹车<br>Brakes                                                    | 备注<br>Remark |
|-------------|--------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------|
|             | D: 电机直连外露<br>D: motor directly connected to the exposed<br>H: 电机内置<br>H: Motor Built | 5: 5mm<br>10: 10mm<br>20: 20mm<br>25: 25mm<br>32: 32mm | 100-2000mm<br>行程可定制<br>Stroke can be customized | D: 台达 40:400W<br>D: Delta 75:750W<br>P: 松下 100:1KW<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br>无刹车不表示<br>No brakes do not represent |              |

### ● 基本参数 Basic parameters

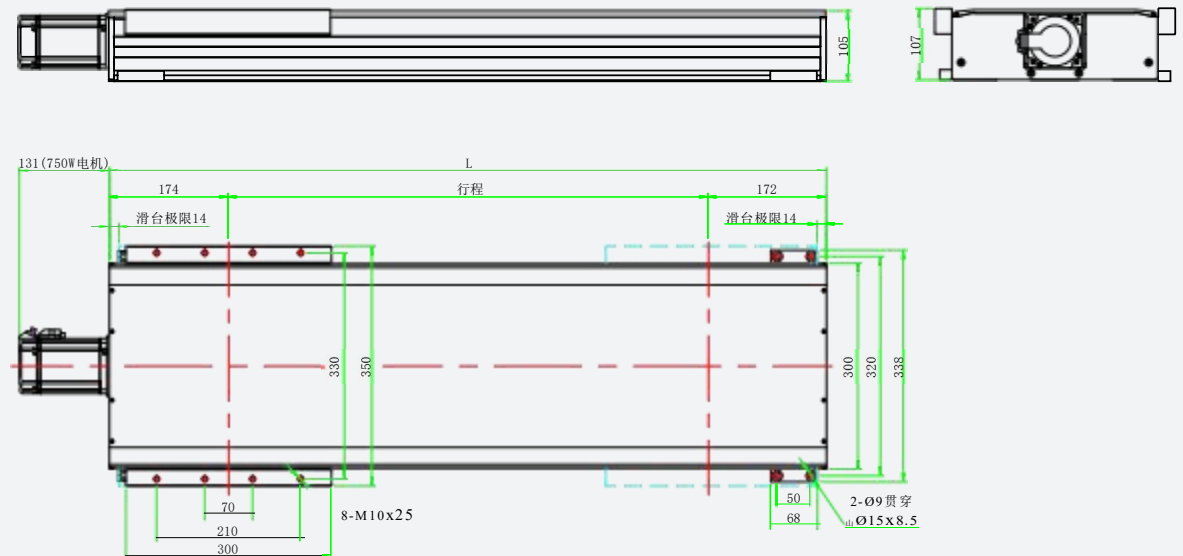
| 电机功率 Motor Power                         |                  |                                  | 750W/1KW |      |      |      |
|------------------------------------------|------------------|----------------------------------|----------|------|------|------|
| 重复定位精度 Repeat accuracy (mm)              |                  |                                  | 0.02     |      |      |      |
| 滚珠丝杠导程 Ball screw lead (mm)              |                  |                                  | 5        | 10   | 20   | 32   |
| 最大速度 Maximum speed (mm/s)                |                  |                                  | 250      | 500  | 1000 | 1600 |
| 最大搬运重量<br>The maximum<br>carrying weight | 马达 Motor<br>750W | 水平安装 (kg)<br>Horizontal mounting | 160      | 140  | 120  | 90   |
|                                          |                  | 垂直安装 (kg)<br>Vertical mounting   | 80       | 60   | 45   |      |
|                                          | 马达 Motor<br>1KW  | 水平安装 (kg)<br>Horizontal mounting | 180      | 160  | 140  | 115  |
|                                          |                  | 垂直安装 (kg)<br>Vertical mounting   | 95       | 80   | 60   |      |
| 额定推力<br>Rated thrust (N)                 | 750W             |                                  | 1470     | 735  | 368  | 230  |
|                                          | 1KW              |                                  | 2714     | 1357 | 678  | 424  |
| 标准行程 Standard stroke (mm)                |                  |                                  | 100-1000 |      |      |      |

### ● 力矩参数 Torque parameters

| 水平使用 | 力矩 (N.m) | 水平使用 | 力矩 (N.m) | 水平使用 | 力矩 (N.m) |
|------|----------|------|----------|------|----------|
| X    | 685      | X    | 945      | Y    | 665      |
| Y    | 1140     | Z    | 1180     | Z    | 810      |

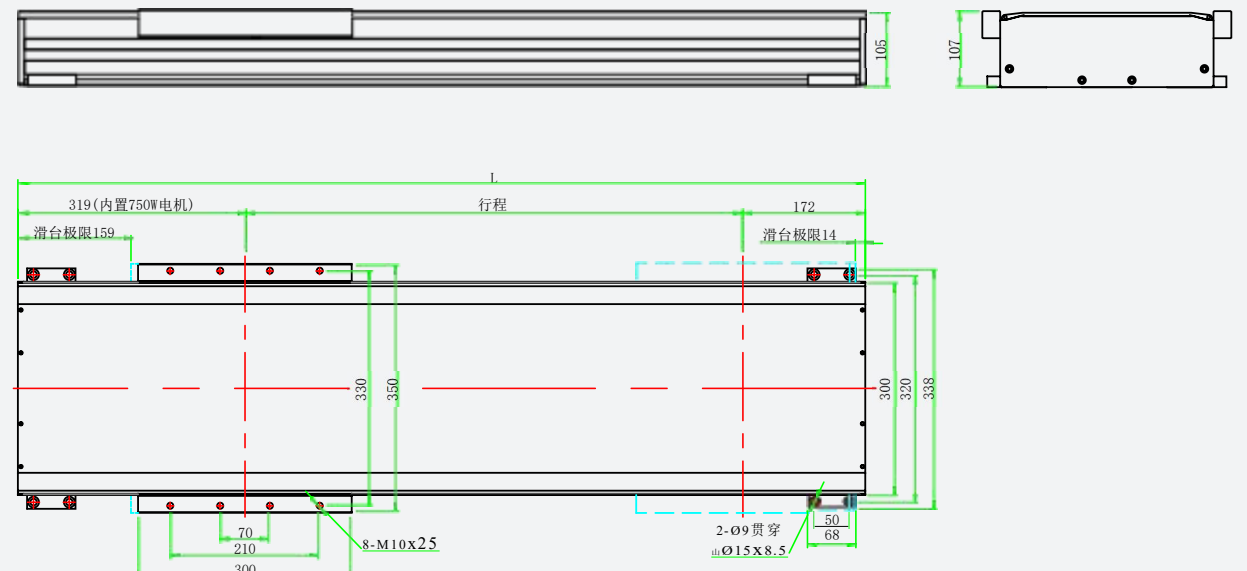


## FDR300D - 电机直连外露 Motor directly connected to the exposed



| 行程 stroke (mm) | 100 | 150  | 200 | 250  | 300 | 350  | 400 | 450  | 500 | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
|----------------|-----|------|-----|------|-----|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|
| L              | 446 | 596  | 646 | 696  | 746 | 796  | 846 | 896  | 946 | 996  | 1046 | 1096 | 1146 | 1196 | 1246 | 1296 | 1346 | 1396 | 1446 |
| 重量 Weight (kg) | 40  | 41.5 | 43  | 44.5 | 46  | 47.5 | 49  | 50.5 | 52  | 53.5 | 55   | 56.5 | 58   | 59.5 | 61   | 62.5 | 64   | 65.5 | 67   |

## FDR300H - 电机内置 Motor Built



| 行程 stroke (mm) | 100 | 150  | 200 | 250  | 300 | 350  | 400 | 450  | 500 | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
|----------------|-----|------|-----|------|-----|------|-----|------|-----|------|------|------|------|------|------|------|------|------|------|
| L              | 591 | 641  | 691 | 741  | 791 | 841  | 891 | 941  | 991 | 1041 | 1091 | 1141 | 1191 | 1241 | 1291 | 1341 | 1391 | 1441 | 1491 |
| 重量 Weight (kg) | 43  | 44.5 | 46  | 47.5 | 49  | 50.5 | 52  | 53.5 | 55  | 56.5 | 58   | 59.5 | 61   | 62.5 | 64   | 65.5 | 67   | 68.5 | 70   |





## FDD60BL/BR 皮带封闭型 Belt Closed

### 标准配置 Standard configuration

- 3M-24 齿同步带轮
- 15 直线导轨: 1 条
- 感应开关: 3 个
- 联轴器: 1 个
- 3M-24 Tooth Timing Pulleys
- 15 linear guide: 1 PC
- Sensor Switch: 3 PCS
- Coupling: 1 PC



### 型号格式 Model Format

1. 体积小, 密封防尘, 噪音小, 低成本
2. 适用于安装空间小, 轻负载, 高速度、长行程的水平运动机构
1. Small, sealing against dust, low noise, low cost .
2. suitable for small installation space, light load, high speed, long stroke horizontal movement mechanism .

| 型号    | 滑台样式                                               | 电机位置                                                                                       | 导程   | 行程                                              | 电机品牌及功率                                                                                                                      | 刹车                                                              | 备注     |
|-------|----------------------------------------------------|--------------------------------------------------------------------------------------------|------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------|
| Model | Slip Style                                         | Motor position                                                                             | Lead | Stroke                                          | Motor and Power                                                                                                              | Brakes                                                          | Remark |
|       | 空白: 无法兰<br>Blank: flangeless<br>F: 法兰<br>F: Flange | BL: 皮带式电机左折<br>BL: Belt-type motor left off<br>BR: 皮带式电机右折<br>BR: Right off the belt motor |      | 100-2000mm<br>行程可定制<br>Stroke can be customized | D: 台达 10:100W<br>D: Delta 20:200W<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br>无刹车不表示<br>No brakes do not represent |        |

### 基本参数 Basic parameters

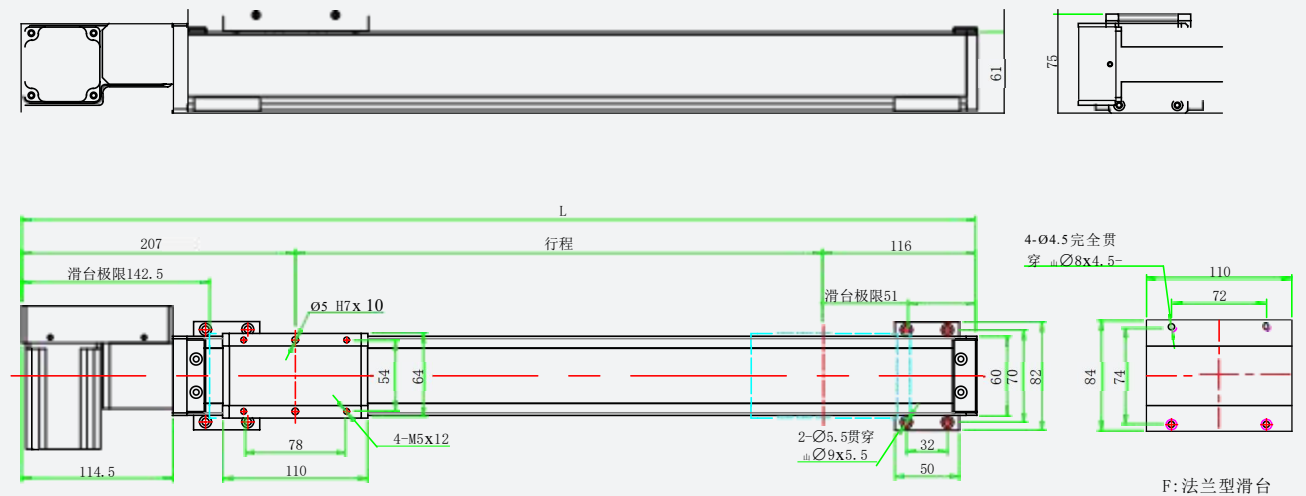
|                                       |                                  |         |
|---------------------------------------|----------------------------------|---------|
| 电机功率 Motor Power                      |                                  | 200W    |
| 重复定位精度 Repeat accuracy (mm)           |                                  | 0.04    |
| 导程 lead (mm)                          |                                  | 72      |
| 最大速度 Maximum speed (mm/s)             |                                  | 1500    |
| 最大搬运重量<br>The maximum carrying weight | 水平安装<br>Horizontal mounting (kg) | 8       |
| 200W 额定推力 Rated thrust (N)            |                                  | 53      |
| 标准行程 Standard stroke (mm)             |                                  | 100-800 |

### 力矩参数 Torque parameters

| 水平使用 | 力矩 (N.m) | 水平使用 | 力矩 (N.m) |
|------|----------|------|----------|
| X    | 7        | X    | 6.5      |
| Y    | 6.5      | Z    | 5.5      |

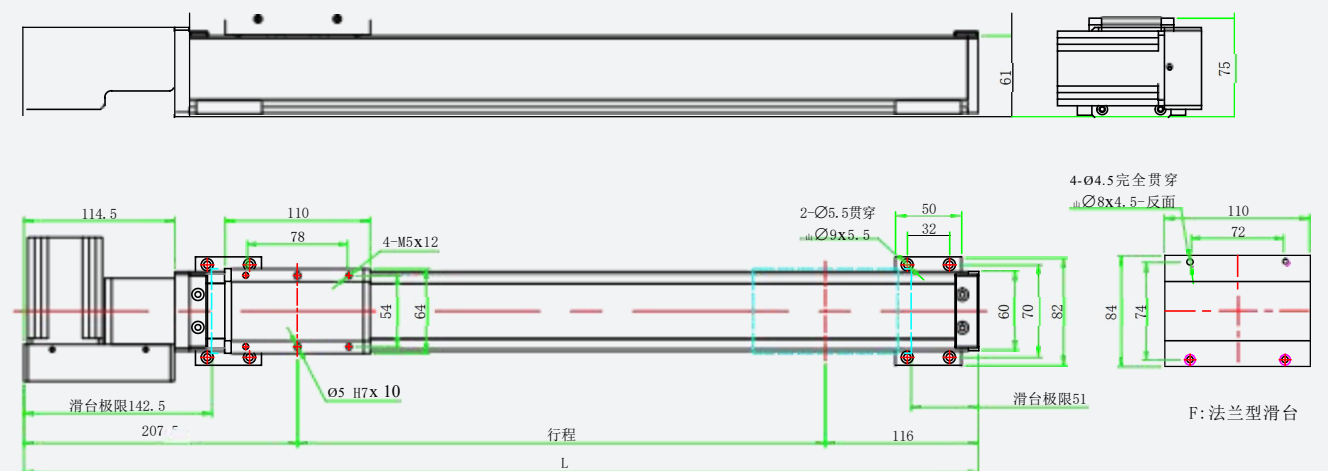


## FDD60BL - 皮带式电机左折 Left off the belt motor



| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700  | 750  | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| L              | 423 | 473 | 523 | 573 | 623 | 673 | 723 | 773 | 823 | 873 | 923 | 973 | 1023 | 1073 | 1123 |
| 重量 Weight (kg) | 3.9 | 4.1 | 4.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 | 6.1 | 6.3  | 6.5  | 6.7  |

## FDD60BR - 皮带式电机右折 Right off the belt motor



| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700  | 750  | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| L              | 423 | 473 | 523 | 573 | 623 | 673 | 723 | 773 | 823 | 873 | 923 | 973 | 1023 | 1073 | 1123 |
| 重量 Weight (kg) | 3.9 | 4.1 | 4.3 | 4.5 | 4.7 | 4.9 | 5.1 | 5.3 | 5.5 | 5.7 | 5.9 | 6.1 | 6.3  | 6.5  | 6.7  |

## FDC88BL/BR 皮带封闭型 Belt Closed

### 标准配置 Standard configuration

- 3M-24 齿同步带轮
- 15mm 微型导轨：2 条
- 感应开关：3 个
- 联轴器：1 个
- 3M-24 Tooth Timing Pulleys
- 15mm mini-guide: 2 PCS
- Sensor Switch: 3 PCS
- Coupling: 1 PC



### 型号格式 Model Format

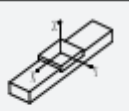
1. 体积小，密封防尘 2. 适用于安装空间较小，中负载，高速度、长行程的水平运动机构
- 1.Small, sealed dust . 2.Suitable for small installation space, load, speed, stroke length of the horizontal movement mechanism .

| FDC88 – F – BL – –200 –D20 – B – |                                                   |                                                                                                  |            |                                                   |                                                                                                                              |                                                                 | 备注<br>Remark |
|----------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------|------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------|
| 型号<br>Model                      | 滑台样式<br>Slip Style                                | 电机位置<br>Motor position                                                                           | 导程<br>Lead | 行程<br>Stroke                                      | 电机品牌及功率<br>Motor and Power                                                                                                   | 刹车<br>Brakes                                                    |              |
|                                  | 空白：无法兰<br>Blank: flangeless<br>F: 法兰<br>F: Flange | BL: 皮带式电机左折<br>BL: Belt-type motor<br>left off<br>BR: 皮带式电机右折<br>BR: Right off the<br>belt motor |            | 100-900mm<br>行程可定制<br>Stroke can be<br>customized | D: 台达 20:200W<br>D: Delta 40:400W<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br>无刹车不表示<br>No brakes do not represent |              |

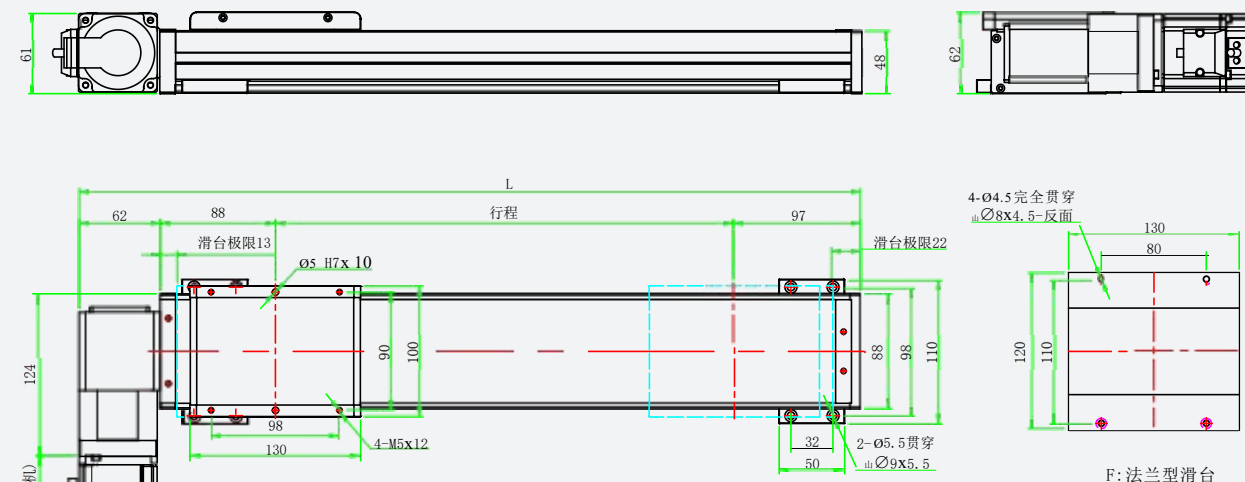
### 基本参数 Basic parameters

|                                          |                             |         |
|------------------------------------------|-----------------------------|---------|
| 电机功率 Motor Power                         |                             | 200W    |
| 重复定位精度 Repeat accuracy (mm)              |                             | 0.04    |
| 导程 lead (mm)                             |                             | 72      |
| 最大速度 Maximum speed (mm/s)                |                             | 1200    |
| 最大搬运重量<br>The maximum carrying<br>weight | 水平安装<br>Horizontal mounting | 12      |
| 200W 额定推力 Rated thrust (N)               |                             | 53      |
| 标准行程 Standard stroke (mm)                |                             | 100-800 |

### 力矩参数 Torque parameters

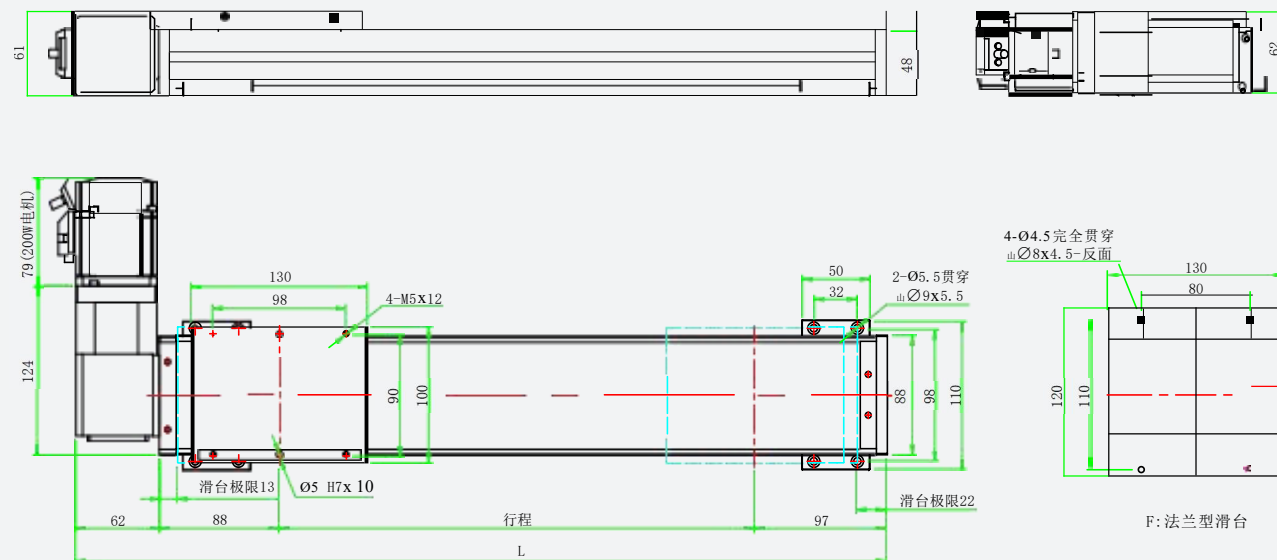
|                                                                                      |                  |                                                                                       |                |
|--------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|----------------|
|  |                  |  |                |
| 水平轴<br>X                                                                             | 力矩 (N.m)<br>11.5 | 垂直轴<br>Z                                                                              | 力矩 (N.m)<br>33 |
| 垂直轴<br>Y                                                                             | 力矩 (N.m)<br>14   | 水平轴<br>X                                                                              | 力矩 (N.m)<br>22 |

## FDC88BL - 皮带式电机左折 Left off the belt motor



| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| L              | 348 | 398 | 448 | 498 | 548 | 598 | 648 | 698 | 748 | 798 | 848 | 898 | 948 | 998 | 1048 |
| 重量 Weight (kg) | 4.4 | 4.7 | 5   | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1 | 7.3 | 7.6 | 7.9 | 8.2 | 8.5  |

## FDC88BR - 皮带式电机右折 Right off the belt motor



| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| L              | 348 | 398 | 448 | 498 | 548 | 598 | 648 | 698 | 748 | 798 | 848 | 898 | 948 | 998 | 1048 |
| 重量 Weight (kg) | 4.4 | 4.7 | 5   | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1 | 7.3 | 7.6 | 7.9 | 8.2 | 8.5  |



## FDC198BL/BR 皮带封闭型 Belt Closed

### 标准配置 Standard configuration

- 5M-28 齿同步带轮
- 25 直线导轨: 2 条
- 感应开关: 3 个
- 联轴器: 1 个
- 5M-28 Tooth Timing Pulleys
- 25 linear guide: 2 PCS
- Sensor Switch: 3 PCS
- Coupling: 1 PC



### ● 型号格式 Model Format

1. 密封防尘 2. 适用于较高负载、高速度、长行程的水平运动机构
1. Dust sealed . 2. Suitable for high load, high speed, long stroke horizontal movement mechanism .

## FDC198 – BL – 140–200 –D75 – B – 备注 Remark

| 型号<br>Model | 电机位置<br>Motor position                                                                               | 导程<br>Lead | 行程<br>Stroke                                       | 电机品牌及功率<br>Motor and Power                                                                                                           | 刹车<br>Brakes                                                        |
|-------------|------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
|             | BL: 皮带式电机左折<br>BL: Belt-type motor<br>left off<br><br>BR: 皮带式电机右折<br>BR: Right off the<br>belt motor |            | 100-2000mm<br>行程可定制<br>Stroke can be<br>customized | D: 台达 40:400W<br>D: Delta 75:750W<br>P: 松下 100:1KW<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br><br>无刹车不表示<br>No brakes do not represent |

### ● 基本参数 Basic parameters

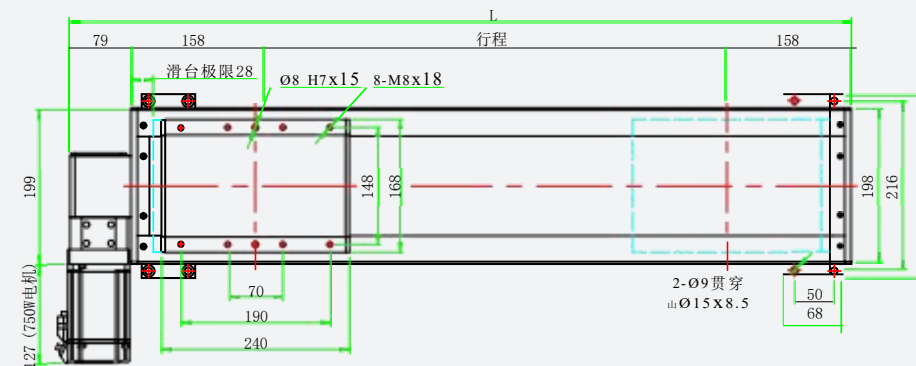
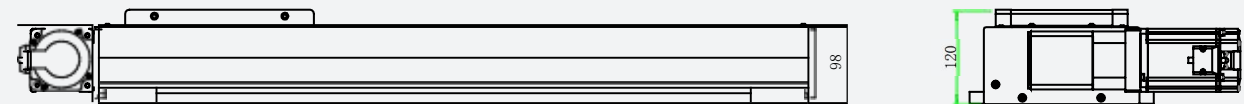
|                                          |                                     |          |
|------------------------------------------|-------------------------------------|----------|
| 电机功率 Motor Power                         |                                     | 750W     |
| 重复定位精度 Repeat accuracy (mm)              |                                     | 0.04     |
| 滚珠丝杠导程 Ball screw lead (mm)              |                                     | 140      |
| 最大速度 Maximum speed (mm/s)                |                                     | 1500     |
| 最大搬运重量<br>The maximum carrying<br>weight | 水平安装<br>Horizontal mounting<br>(kg) | 60       |
| 额定推力 Rated thrust (N)                    |                                     | 102      |
| 标准行程 Standard stroke (mm)                |                                     | 100-1000 |

### ● 力矩参数 Torque parameters

|      |          |      |          |
|------|----------|------|----------|
|      |          |      |          |
| 水平推力 | 扭矩 (N.m) | 水平推力 | 扭矩 (N.m) |
| X    | 610      | X    | 580      |
| Y    | 710      | Z    | 730      |

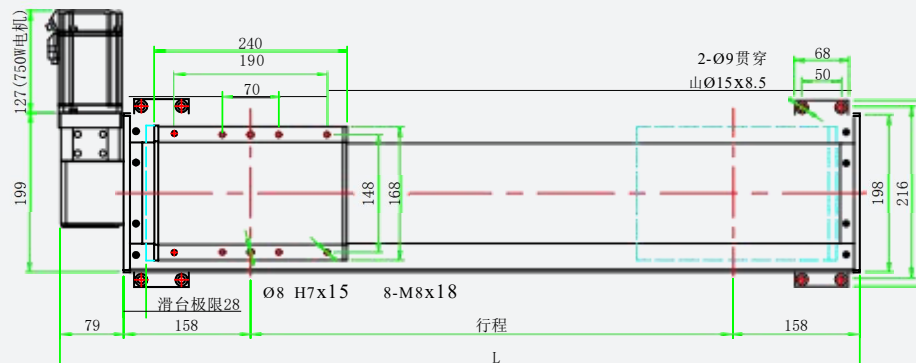
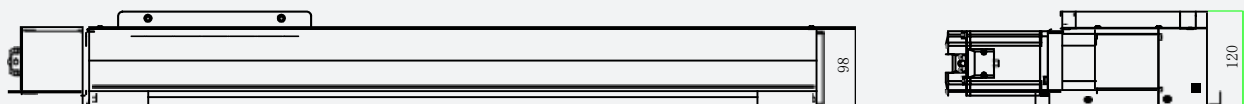


## FDC198BL - 皮带式电机左折 Left off the belt motor



| 行程 stroke (mm) | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L              | 495  | 545  | 595  | 645  | 695  | 745  | 795  | 845  | 895  | 945  | 995  | 1045 | 1095 | 1145 | 1195 | 1245 | 1295 | 1345 | 1395 |
| 重量 Weight (kg) | 21.5 | 22.5 | 23.5 | 24.5 | 25.5 | 26.5 | 27.5 | 28.5 | 29.5 | 30.5 | 31.5 | 32.5 | 33.5 | 34.5 | 35.5 | 36.5 | 37.5 | 38.5 | 39.5 |

## FDC198BR - 皮带式电机右折 Right off the belt motor



| 行程 stroke (mm) | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L              | 495  | 545  | 595  | 645  | 695  | 745  | 795  | 845  | 895  | 945  | 995  | 1045 | 1095 | 1145 | 1195 | 1245 | 1295 | 1345 | 1395 |
| 重量 Weight (kg) | 21.5 | 22.5 | 23.5 | 24.5 | 25.5 | 26.5 | 27.5 | 28.5 | 29.5 | 30.5 | 31.5 | 32.5 | 33.5 | 34.5 | 35.5 | 36.5 | 37.5 | 38.5 | 39.5 |





## FDR80BL/BR 皮带半封闭型 Belt semi-closed

### 标准配置 Standard configuration

- 3M-30 齿同步带轮
- 9mm 微型导轨: 2 条
- 感应开关: 3 个
- 联轴器: 1 个

- 3M-30 Tooth Timing Pulleys
- 9mm mini-guide: 2 PCS
- Sensor Switch: 3 PCS
- Coupling: 1 PC



### ● 型号格式 Model Format

1. 体积小, 半封闭机构 2. 适用于安装空间较小、中负载、高速度的水平运动机构

1.Small, semi-closed institutions . 2.Suitable for small installation space, load, high-speed horizontal movement mechanism .

## FDR8 — BL — 90 — 200 — D20 — B —

备注  
Remark

型号  
Model

电机位置  
Motor position

导程  
Lead

行程  
Stroke

电机品牌及功率  
Motor and Power

刹车  
Brakes

BL: 皮带式电机左折  
BL: Belt-type motor  
left off

BR: 皮带式电机右折  
BR: Right off the  
belt motor

100-900mm  
行程可定制  
Stroke can be  
customized

D: 台达 20:200W  
D: Delta 40:400W  
P: 松下  
P: Panasonic  
M: 三菱  
M: Mitsubishi  
步进电机表型号  
Stepper motor Table Model

B: 带刹车  
B: with brake  
无刹车不表示  
No brakes do not represent

### ● 基本参数 Basic parameters

|                                       |                                  |         |
|---------------------------------------|----------------------------------|---------|
| 电机功率 Motor Power                      |                                  | 200W    |
| 重复定位精度 Repeat accuracy (mm)           |                                  | 0.04    |
| 导程 Lead (mm)                          |                                  | 90      |
| 最大速度 Maximum speed (mm/s)             |                                  | 1200    |
| 最大搬运重量<br>The maximum carrying weight | 水平安装<br>Horizontal mounting (kg) | 15      |
| 400W 额定推力 400W rated thrust (N)       |                                  | 45      |
| 标准行程 Standard stroke (mm)             |                                  | 100-800 |

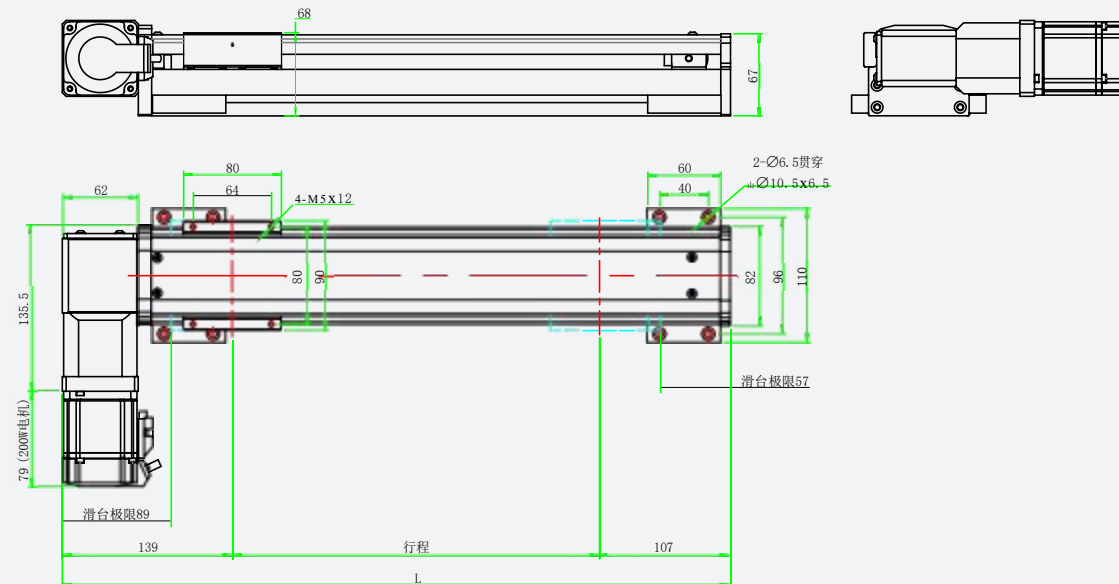
### ● 力矩参数 Torque parameters

|      |          |
|------|----------|
|      |          |
| 水平使用 | 力矩 (N.m) |
| X    | 18       |
| Y    | 30       |

|      |          |
|------|----------|
|      |          |
| 水平使用 | 力矩 (N.m) |
| X    | 16       |
| Z    | 28       |

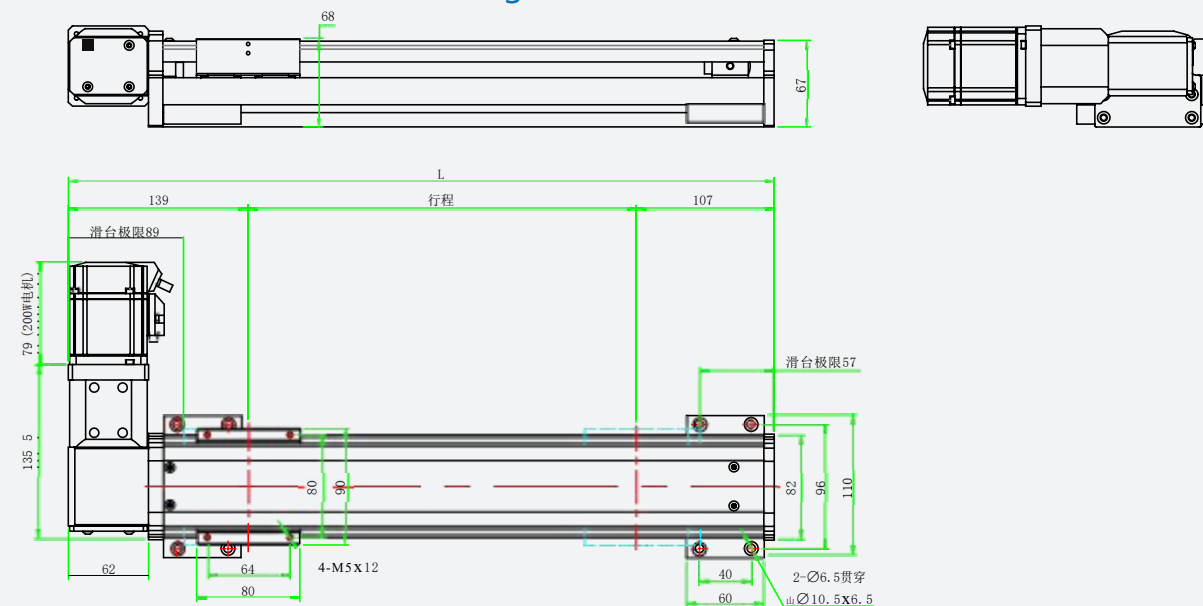


## FDR80BL - 皮带式电机左折 Left off the belt motor



|               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
| L             | 346 | 396 | 446 | 496 | 546 | 596 | 646 | 696 | 746 | 796 | 846 | 896 | 946 | 996 | 1046 |
| 重量 Weight(kg) | 4.4 | 4.7 | 5   | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1 | 7.3 | 7.6 | 7.9 | 8.2 | 8.5  |

## FDR80BR - 皮带式电机右折 Right off the belt motor



|               |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  |
| L             | 346 | 396 | 446 | 496 | 546 | 596 | 646 | 696 | 746 | 796 | 846 | 896 | 946 | 996 | 1046 |
| 重量 Weight(kg) | 4.4 | 4.7 | 5   | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1 | 7.3 | 7.6 | 7.9 | 8.2 | 8.5  |

## FDR198BL/BR 皮帶半封闭型 Belt semi-closed

## 标准配置 Standard configuration

- 5M-28 齿同步带轮
  - 25 直线导轨：2 条
  - 感应开关：3 个
  - 联轴器：1 个
- 
- 5M-28 Tooth Timing Pulleys
  - 25 linear guide: 2 PCS
  - Sensor Switch: 3 PCS
  - Coupling: 1 PC



- 型号格式 Model Format

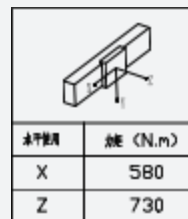
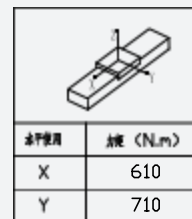
1. 半封闭机构    2. 适用于较高负载、高速度、长行程的水平运动机构  
1. Semi-closed institutions.    2. Suitable for high load, high speed, long stroke horizontal movement mechanism.

FDR198 - F - BL - 140- -D75 - B - 备注  
Remark

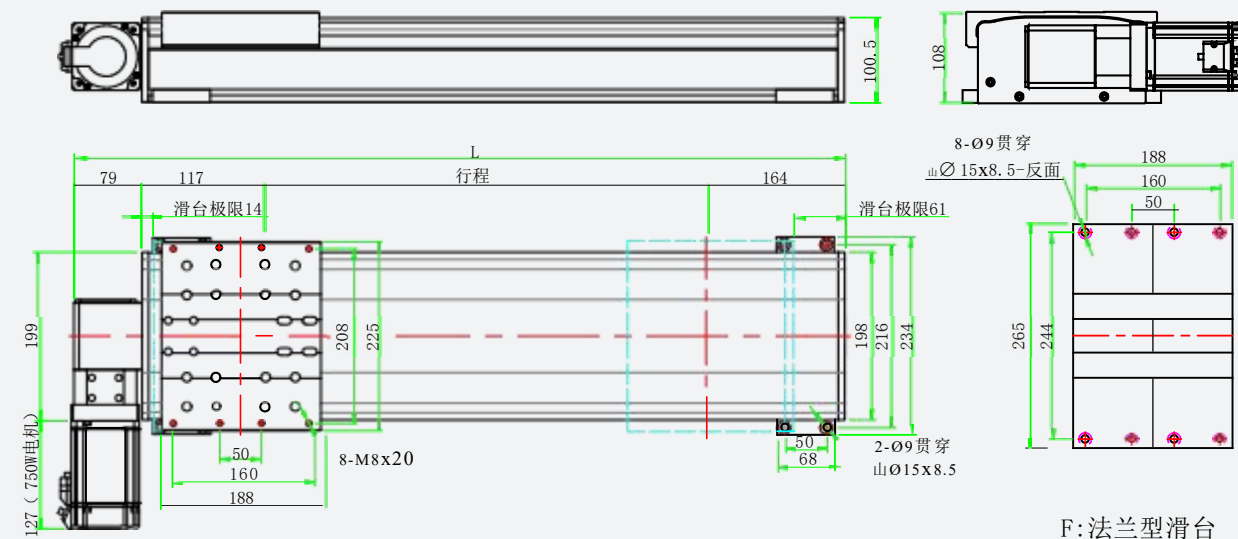
- 基本参数 Basic parameters

|                                       |                                  |          |
|---------------------------------------|----------------------------------|----------|
| 电机功率 Motor Power                      |                                  | 750W     |
| 重复定位精度 Repeat accuracy (mm)           |                                  | 0.04     |
| 导程 Lead (mm)                          |                                  | 140      |
| 最大速度 Maximum speed (mm/s)             |                                  | 1500     |
| 最大搬运重量<br>The maximum carrying weight | 水平安装<br>Horizontal mounting (kg) | 60       |
| 400W 额定推力 400W rated thrust (N)       |                                  | 102      |
| 标准行程 Standard stroke (mm)             |                                  | 100-1000 |

- 力矩参数 Torque parameters

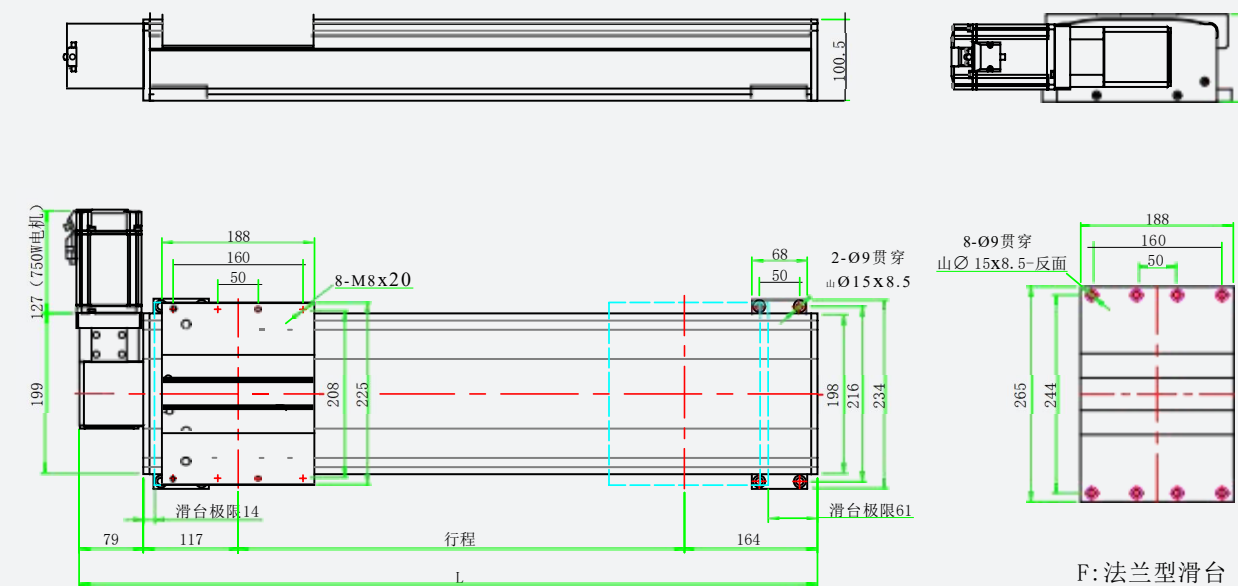


FDR198BL - 皮帶式电机左折 Left off the belt motor



| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|
| L             | 460 | 510 | 560 | 610 | 660 | 710 | 760 | 810 | 860 | 910 | 960 | 1010 | 1060 | 1110 | 1160 | 1210 | 1260 | 1310 | 1360 |
| 重量 Weight(kg) | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 32   | 33   | 34   | 35   | 36   | 37   | 38   | 39   |

FDR198BR - 皮帶式电机右折 Right off the belt motor



| 行程 stroke(mm)  | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|
| L              | 460 | 510 | 560 | 610 | 660 | 710 | 760 | 810 | 860 | 910 | 960 | 1010 | 1060 | 1110 | 1160 | 1210 | 1260 | 1310 | 1360 |
| 重量 Weight (kg) | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 32   | 33   | 34   | 35   | 36   | 37   | 38   | 39   |



FDS80 丝杆圆导轨导向型 Screw round rails oriented

标准配置 Standard configuration

- 滚珠丝杆传动:  $\Phi 16$
- $\Phi 6$  圆导轨导向: 2 条
- 感应开关: 3 个
- 联轴器: 1 个
- Ball screw drive:  $\Phi 16$
- $\Phi 6$  round guide rail: 2 PCS
- Sensor Switch: 3 PCS
- Coupling: 1 PC



FDS80D



FDS80

• 型号格式 Model Format

1. 结构简单、噪音小、低成本
2. 适用于中负载、有一般精度要求的运动机构
1. Simple structure, low noise, Low cost .
2. Suitable for medium loads, there are general accuracy of motion mechanism .

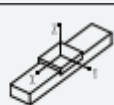
|             |   |                                                                                                                                     |   |                                |   |                                                 |   |                                                                                                                                |   |                                                                 |              |
|-------------|---|-------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------|---|-------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------|---|-----------------------------------------------------------------|--------------|
| FDS80       | — | D                                                                                                                                   | — | 10                             | — | 200                                             | — | D20                                                                                                                            | — | B                                                               | 备注<br>Remark |
| 型号<br>Model |   | 电机位置<br>Motor position                                                                                                              |   | 导程<br>Lead                     |   | 行程<br>Stroke                                    |   | 电机品牌及功率<br>Motor and Power                                                                                                     |   | 刹车<br>Brakes                                                    |              |
|             |   | L: 电机左侧<br>L: motor on the left<br>R: 电机右侧<br>R: motor on the right side<br>D: 电机直连外露<br>D: motor directly connected to the exposed |   | 5: 5mm<br>10: 10mm<br>16: 16mm |   | 100-1500mm<br>行程可定制<br>Stroke can be customized |   | D: 台达 10: 100W<br>D: Delta 20: 200W<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model |   | B: 带刹车<br>B: with brake<br>无刹车不表示<br>No brakes do not represent |              |



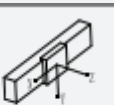
• 基本参数 Basic parameters

|                                       |                                  |          |     |     |
|---------------------------------------|----------------------------------|----------|-----|-----|
| 电机功率 Motor Power                      |                                  | 100W     |     |     |
| 重复定位精度 Repeat accuracy (mm)           |                                  | 0.05     |     |     |
| 滚珠丝杠导程 Ball screw lead (mm)           |                                  | 5        | 10  | 16  |
| 最大速度 Maximum speed (mm/s)             |                                  | 250      | 500 | 800 |
| 最大搬运重量<br>The maximum carrying weight | 水平安装 (kg)<br>Horizontal mounting | 25       | 15  | 10  |
|                                       | 垂直安装 (kg)<br>Vertical mounting   | 8        | 5   | 3   |
| 额定推力<br>Rated thrust (N)              |                                  | 362      | 181 | 113 |
| 标准行程 Standard stroke (mm)             |                                  | 100-1000 |     |     |

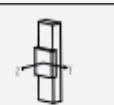
• 力矩参数 Torque parameters



| 水平使用 | 力矩 (N.m) |
|------|----------|
| X    | 8        |
| Y    | 6.5      |

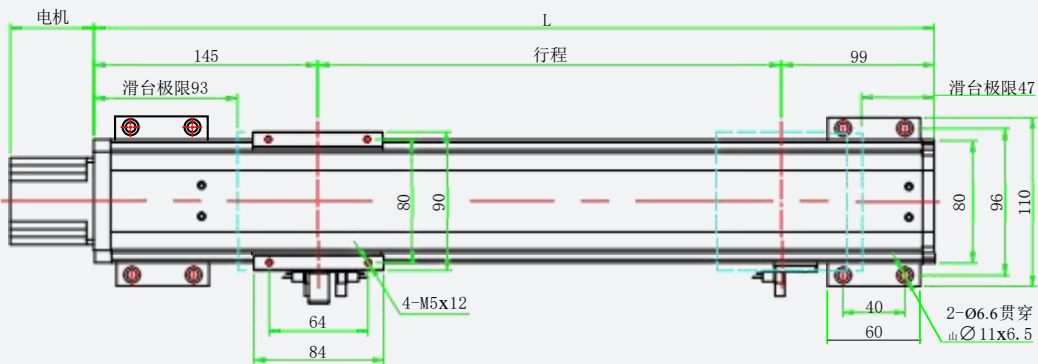
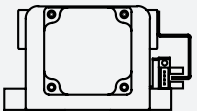


| 水平使用 | 力矩 (N.m) |
|------|----------|
| X    | 7.5      |
| Z    | 7        |



| 水平使用 | 力矩 (N.m) |
|------|----------|
| Y    | 7.5      |
| Z    | 7        |

FDS80D 电机直连 Motor directly connected

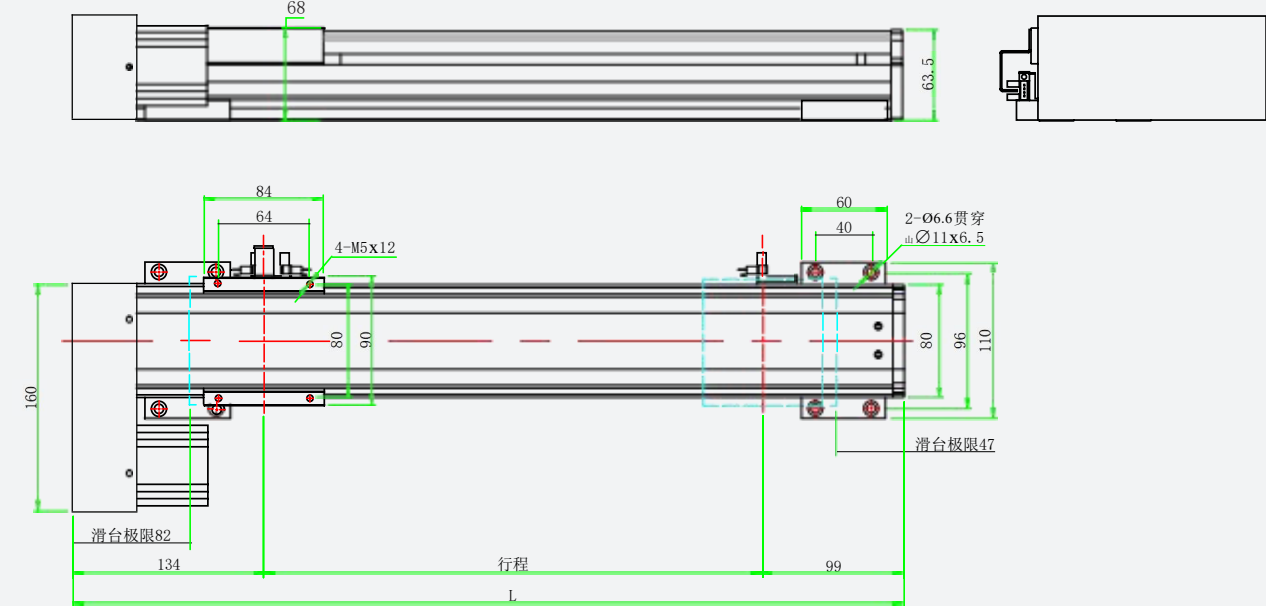


| 行程 stroke(mm)  | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  | 850  | 900  | 950  | 1000 |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| L              | 344 | 394 | 444 | 494 | 544 | 594 | 644 | 694 | 744 | 794 | 844 | 894 | 944 | 994 | 1044 | 1094 | 1144 | 1194 | 1244 |
| 重量 Weight (kg) | 3.4 | 3.8 | 4.2 | 4.6 | 5   | 5.4 | 5.9 | 6.3 | 6.7 | 7.1 | 7.5 | 7.9 | 8.3 | 8.7 | 9.1  | 9.5  | 9.9  | 10.3 | 10.7 |



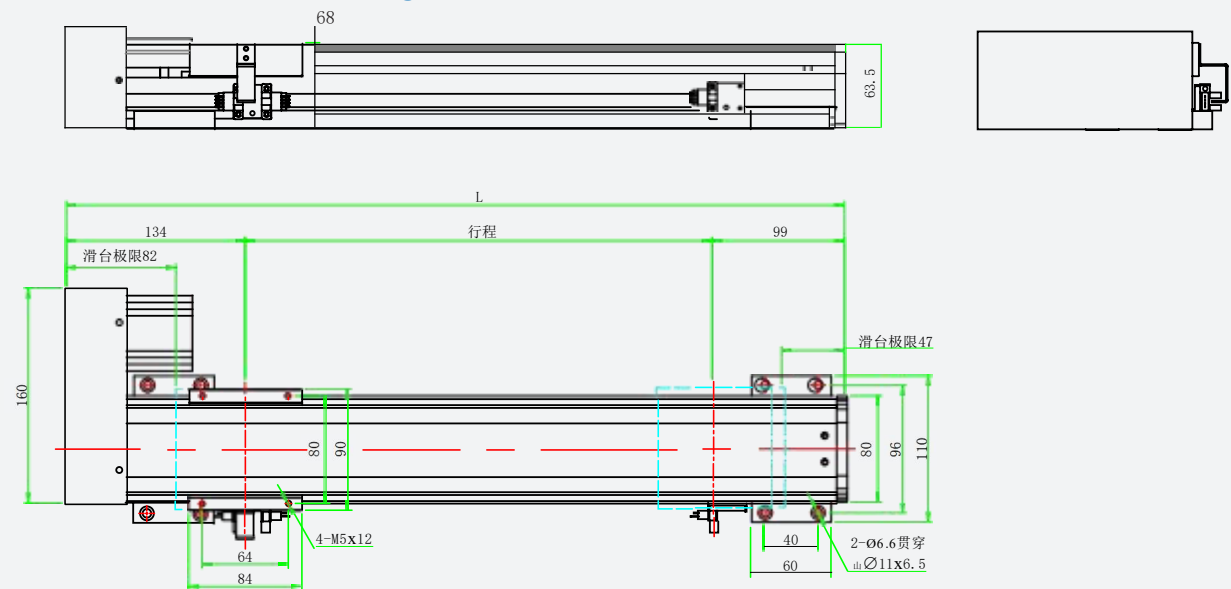


FDS80L - 电机左折 Motor left



| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  | 850  | 900  | 950  | 1000 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| L             | 333 | 383 | 433 | 483 | 533 | 583 | 633 | 683 | 733 | 783 | 833 | 883 | 933 | 983 | 1033 | 1083 | 1133 | 1183 | 1233 |
| 重量 Weight(kg) | 3.5 | 3.9 | 4.3 | 4.7 | 5.1 | 5.5 | 6   | 6.4 | 6.9 | 7.2 | 7.6 | 8   | 8.4 | 8.8 | 9.2  | 9.6  | 10   | 10.4 | 10.8 |

FDS80R - 电机右折 Right off the



| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800  | 850  | 900  | 950  | 1000 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| L             | 333 | 383 | 433 | 483 | 533 | 583 | 633 | 683 | 733 | 783 | 833 | 883 | 933 | 983 | 1033 | 1083 | 1133 | 1183 | 1233 |
| 重量 Weight(kg) | 3.5 | 3.9 | 4.3 | 4.7 | 5.1 | 5.5 | 6   | 6.4 | 6.9 | 7.2 | 7.6 | 8   | 8.4 | 8.8 | 9.2  | 9.6  | 10   | 10.4 | 10.8 |



FDS40B 皮带圆导轨导向型 Belt-driven circular rail

标准配置 Standard configuration

- 3M-24 齿同步带轮
- Φ6 圆导轨导向: 2 条
- 感应开关: 2 个 /3 个
- 3M-24 toothed belt wheel
- Φ6 round guide rail: 2 PCS
- Sensor Switch: 2/3 PCS



型号格式 Model Format

1. 体积小、结构简单、噪音小、成本低
2. 适用于安装空间较小，低负载的水平运动机构
1. Small, simple structure, low noise, low cost.
2. For small installation space, the horizontal movement mechanism low load .

FDS40

型号  
Model

36 -

导程  
Lead

200 -

行程  
Stroke

步进 42 -

电机品牌及功率  
Motor and Power

备注  
Remark

100-1500mm  
行程可定制  
Stroke can be  
customized

- 基本参数 Basic parameters

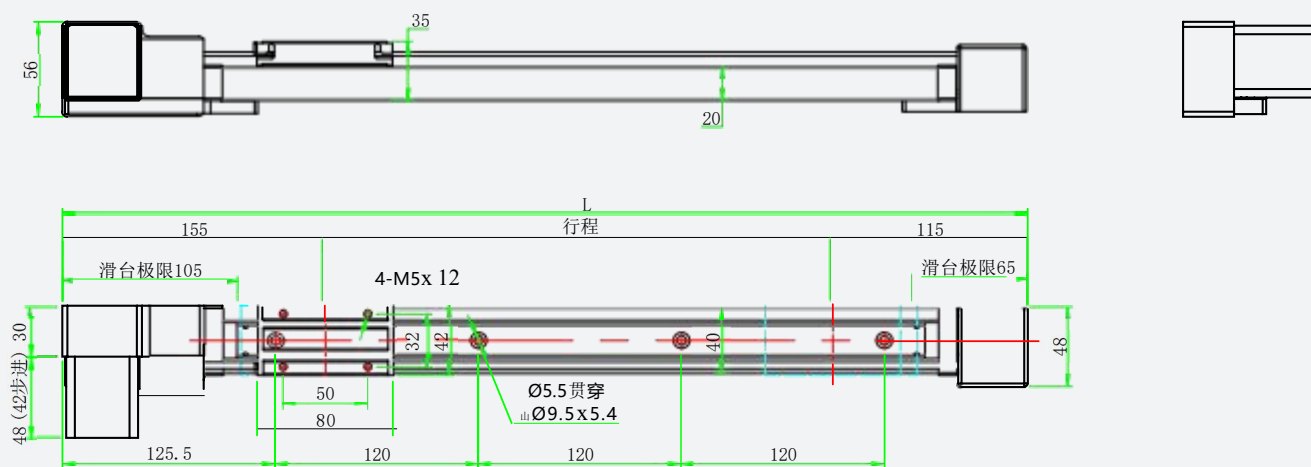
|                                             |                                     |          |
|---------------------------------------------|-------------------------------------|----------|
| 电机 Motor                                    |                                     | 42 步进    |
| 重复定位精度 Repeat accuracy (mm)                 |                                     | 0.07     |
| 导程 Lead (mm)                                |                                     | 36       |
| 最大速度 Maximum speed (mm/s)                   |                                     | 500      |
| 最大搬运重量<br>The maximum<br>carrying<br>weight | 水平安装<br>Horizontal<br>mounting (kg) | 3        |
| 标准行程 Standard stroke (mm)                   |                                     | 100-1000 |

- 力矩参数 Torque parameters

| 水平位置 | 长度 (N,m) |
|------|----------|
| X    | 3        |
| Y    | 2        |

| 水平位置 | 长度 (N,m) |
|------|----------|
| X    | 3.5      |
| Z    | 2.5      |

FDS40B 皮帶 Leather belt



|               |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750  | 800  | 850  | 900  | 950  | 1000 |
| L             | 370 | 420 | 470 | 520 | 570 | 620 | 670 | 720 | 770 | 820 | 870 | 920 | 970 | 1020 | 1070 | 1120 | 1170 | 1220 | 1270 |
| 重量 Weight(kg) | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2   | 2.1 | 2.2 | 2.3 | 2.4  | 2.5  | 2.6  | 2.7  | 2.8  | 2.9  |

FDS50B 皮带圆导轨导向型 Belt-driven circular rail

### 标准配置 Standard configuration

- 3M-20 齿同步带轮
  - $\Phi 8$  圆导轨导向: 2 条
  - 感应开关: 2 个 /3 个
- 
- 3M-20 Tooth Timing Pulleys
  - $\Phi 8$  round guide rail: 2 PCS
  - Sensor Switch: 2/3 PCS



- 型号格式 Model Format

1. 体积小、结构简单、噪音小、低成本
2. 适用于安装空间较小, 低负载的水平运动机构
1. Small, simple structure, low noise, low cost .
2. For small installation space, the horizontal movement mechanism low load .

FDS50B

型号  
Model

30



200 —

## 行程

## Stroke

100-2000mm  
行程可定制  
Stroke can be  
customized

## 步进 57

## 电机品牌及功率

备注  
Remark



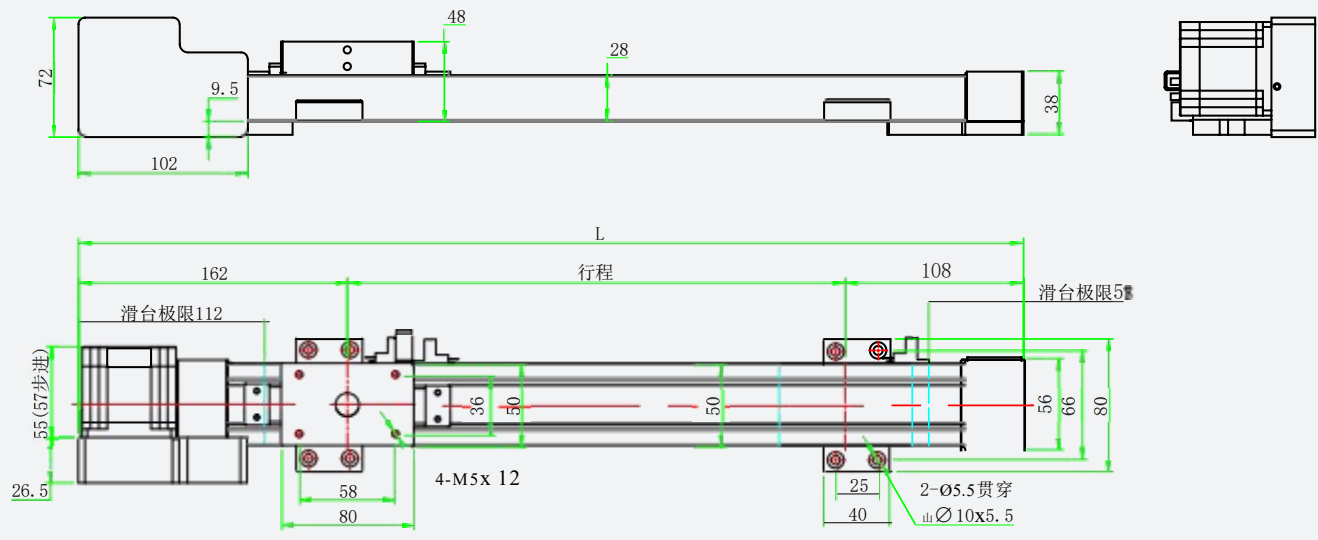
● 基本参数 Basic parameters

|                                       |                                  |          |
|---------------------------------------|----------------------------------|----------|
| 电机 Motor                              |                                  | 57 步进    |
| 重复定位精度 Repeat accuracy (mm)           |                                  | 0.07     |
| 导程 Lead (mm)                          |                                  | 30       |
| 最大速度 Maximum speed (mm/s)             |                                  | 1000     |
| 最大搬运重量<br>The maximum carrying weight | 水平安装<br>Horizontal mounting (kg) | 8        |
| 标准行程 Standard stroke (mm)             |                                  | 100-1000 |

● 力矩参数 Torque parameters

|     |          |     |          |
|-----|----------|-----|----------|
|     |          |     |          |
| 水平轴 | 扭矩 (N.m) | 水平轴 | 扭矩 (N.m) |
| X   | 5        | X   | 4.5      |
| Y   | 3        | Z   | 4        |

FDS50B 皮带 Leather belt



|                |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| 行程 stroke (mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750  | 800  | 850  | 900  | 950  | 1000 |
| L              | 370 | 420 | 470 | 520 | 570 | 620 | 670 | 720 | 770 | 820 | 870 | 920 | 970 | 1020 | 1070 | 1120 | 1170 | 1220 | 1270 |
| 重量 Weight (kg) | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4  | 3.5  | 3.6  | 3.7  | 3.8  | 3.9  |



FDS80BL/BR 皮带圆导轨导向型 Belt-driven circular rail

标准配置 Standard configuration

- 3M-30 齿同步带轮
- Φ6 圆导轨导向: 2 条
- 感应开关: 3 个
- 3M-30 Tooth Timing Pulleys
- Φ6 round guide rail: 2 PCS
- Sensor Switch: 3 PCS



● 型号格式 Model Format

1. 结构简单、低噪音 2. 适用于中负载、高速度、长行程的水平运动机构  
1. Simple structure, low noise. 2. Suitable for medium load, high speed, long stroke horizontal movement mechanism.

|                |                                                                                                |      |                                                 |                                                                                                                              |                                                                     |              |
|----------------|------------------------------------------------------------------------------------------------|------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------|
| FDS80 — D — 90 |                                                                                                |      | 200 — D20 —                                     |                                                                                                                              | B —                                                                 | 备注<br>Remark |
| 型号             | 电机位置                                                                                           | 导程   | 行程                                              | 电机品牌及功率                                                                                                                      | 刹车                                                                  |              |
| Model          | Motor position                                                                                 | Lead | Stroke                                          | Motor and Power                                                                                                              | Brakes                                                              |              |
|                | BL: 皮带式电机左折<br>BL: Belt-type motor left off<br><br>BR: 皮带式电机右折<br>BR: Right off the belt motor |      | 100-2000mm<br>行程可定制<br>Stroke can be customized | D: 台达 10:100W<br>D: Delta 20:200W<br>P: 松下<br>P: Panasonic<br>M: 三菱<br>M: Mitsubishi<br>步进电机表型号<br>Stepper motor Table Model | B: 带刹车<br>B: with brake<br><br>无刹车不表示<br>No brakes do not represent |              |

● 基本参数 Basic parameters

|                                       |                                  |          |
|---------------------------------------|----------------------------------|----------|
| 电机功率 Motor Power                      |                                  | 200W     |
| 重复定位精度 Repeat accuracy (mm)           |                                  | 0.06     |
| 导程 Lead (mm)                          |                                  | 90       |
| 最大速度 Maximum speed (mm/s)             |                                  | 1200     |
| 最大搬运重量<br>The maximum carrying weight | 水平安装<br>Horizontal mounting (kg) | 10       |
| 额定推力 400W rated thrust (N)            |                                  | 42       |
| 标准行程 Standard stroke (mm)             |                                  | 100-1000 |

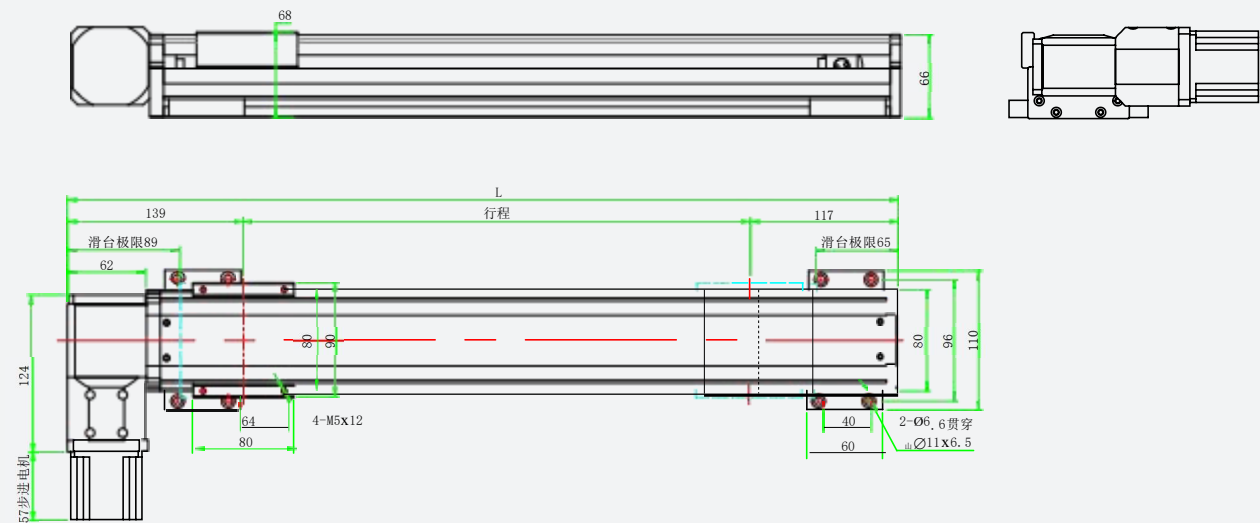
● 力矩参数 Torque parameters

|     |          |     |          |
|-----|----------|-----|----------|
|     |          |     |          |
| 水平轴 | 扭矩 (N.m) | 水平轴 | 扭矩 (N.m) |
| X   | 7        | X   | 6.5      |
| Y   | 5.5      | Z   | 6        |



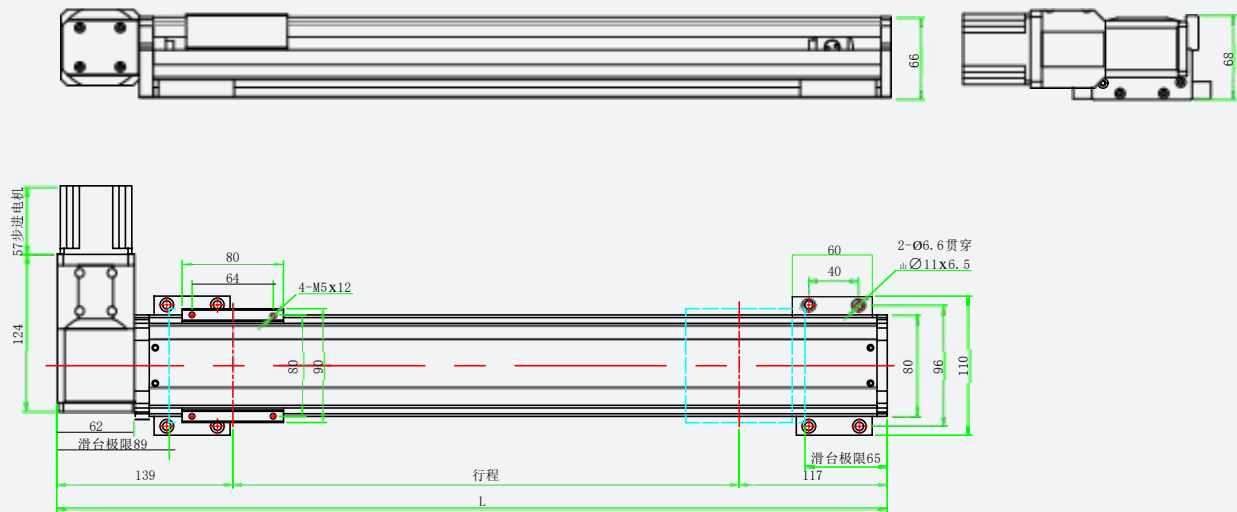


FDS80BL - 皮带式电机左折 Left off the belt motor



| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750  | 800  | 850  | 900  | 950  | 1000 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| L             | 356 | 406 | 456 | 506 | 556 | 606 | 656 | 706 | 756 | 806 | 856 | 906 | 956 | 1006 | 1056 | 1106 | 1156 | 1206 | 1256 |
| 重量 Weight(kg) | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.7 | 5   | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1  | 7.4  | 7.7  | 8    | 8.3  | 8.5  |

FDS80BR - 皮带式电机右折 Right off the belt motor



| 行程 stroke(mm) | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750  | 800  | 850  | 900  | 950  | 1000 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| L             | 356 | 406 | 456 | 506 | 556 | 606 | 656 | 706 | 756 | 806 | 856 | 906 | 956 | 1006 | 1056 | 1106 | 1156 | 1206 | 1256 |
| 重量 Weight(kg) | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.7 | 5   | 5.3 | 5.6 | 5.9 | 6.2 | 6.5 | 6.8 | 7.1  | 7.4  | 7.7  | 8    | 8.3  | 8.5  |