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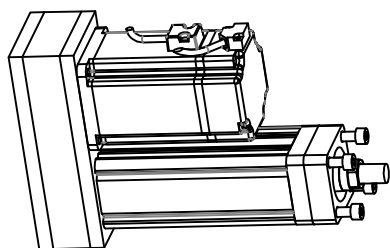
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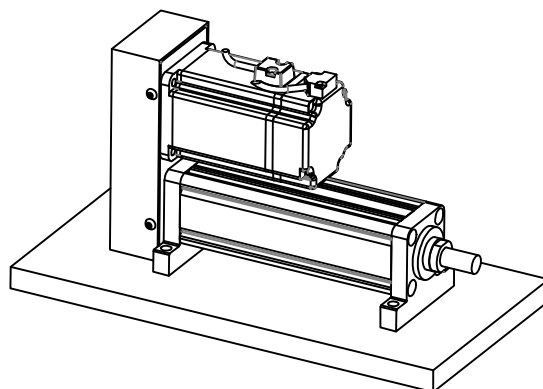
CMC 单轴  
1-axis

电动缸安装方式  
Installation mode of electric cylinder

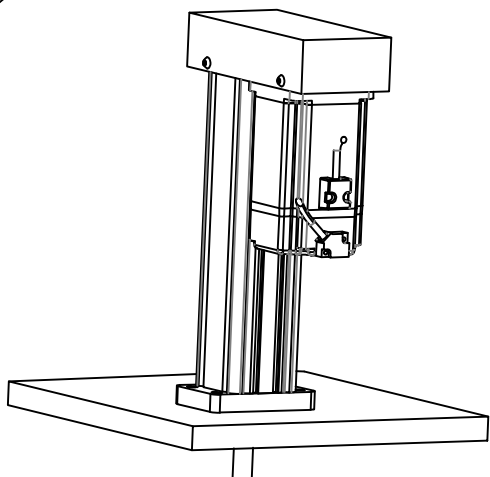
螺杆驱动  
Ball Screw Drive



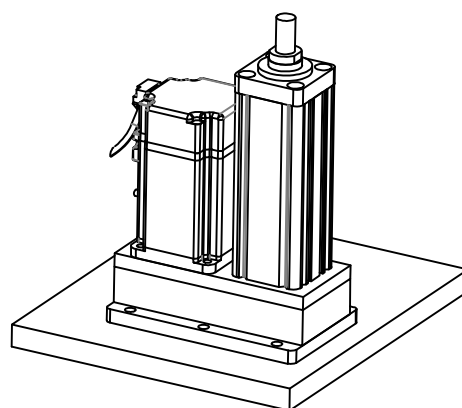
前端盖安装-M1  
Transition Front Cap Installation-M1



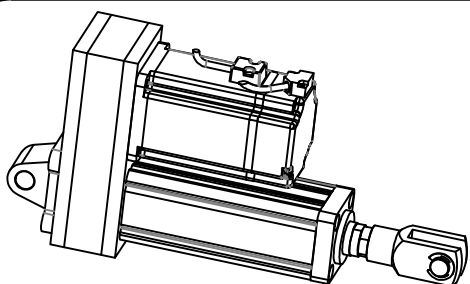
折返侧面安装-M2  
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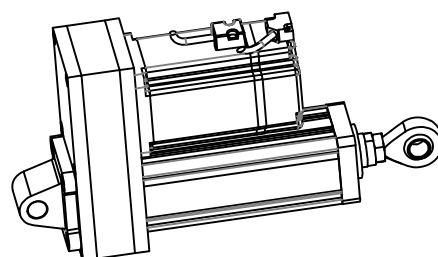
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折返后法兰安装-M4  
Transition backFlange Installation-M4



单耳环-Y型接头 M5-C3  
Single earring-y-joint M5-C3

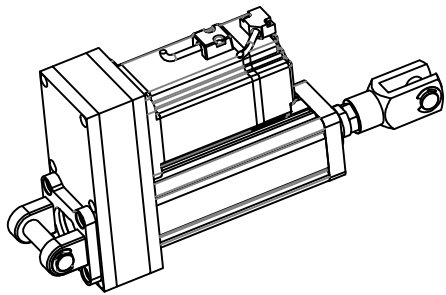


单耳环-鱼眼接头 M5-C3  
Single earring fisheye connector M5-C3

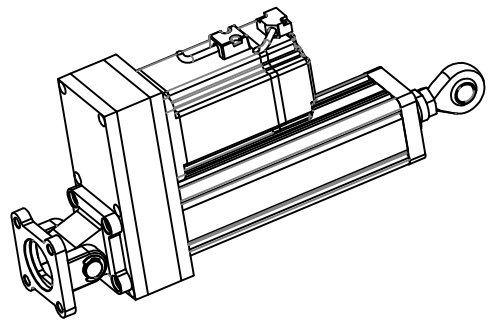
*CMC* 单轴  
1-axis

电动缸安装方式  
Installation mode of electric cylinder

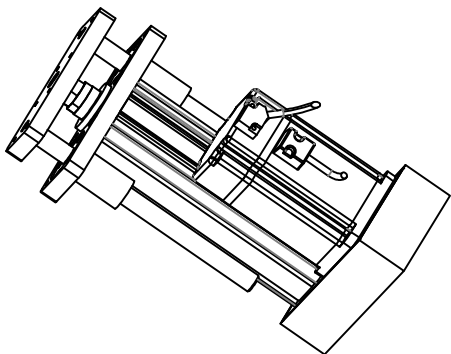
螺杆驱动  
Ball Screw Drive



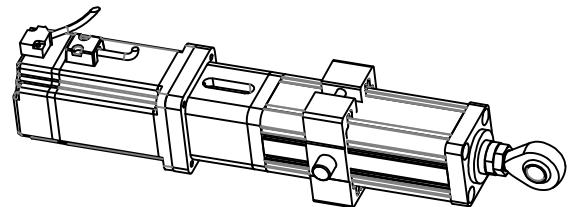
双耳环-Y型接头 M5M6-C4  
Double Earrings - Y-joint M5M6-C4



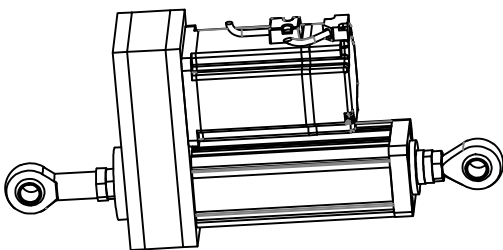
尾部单双耳-鱼眼接头 M5M6-C4  
The tail is monaural and binaural M5M6-C4



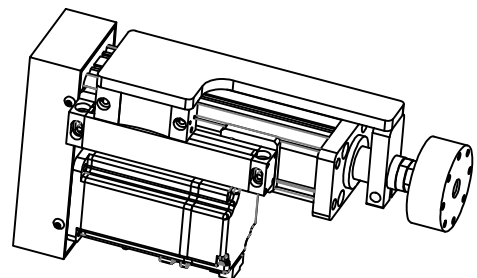
折返前导向安装-M3-C5  
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耳轴安装-鱼眼接头 M3-C5  
Trunnion and fisheye joint M3-M5



前后鱼眼接头  
Front and rear fisheye joint C4-C4



光栅尺+压力传感器  
Grating ruler and pressure sensor

# CMC039 单轴 1-axis

## 螺杆驱动 Ball Screw Drive



**最大行程**  
Maximum stroke 300mm

**最高速度**  
Maximum speed 125mm/s

**马达尺寸**  
Motor Dimension ≤40□

**滚珠螺杆**  
Ball Screw  $\phi 8\text{mm}$

### 型号表示方式 Ordering Method

## CMC039-S100-D2.5 - B - M3 - C1 - 2 - 0100W - N5

| 系列型号<br>Model | 行程<br>Stroke | 导程<br>Lead range | 马达安装方式<br>Motor installation type         | 安装方式<br>Installation type   | 前端接头<br>Connection   | 限位开关<br>Limit switch                   | 电机功率<br>Motor power     | 速比<br>Ratio                            |
|---------------|--------------|------------------|---|---|--|--|-------------------------|--|
|               | 50-300       | D01<br>D2.5      | A-直连安装<br>A-Direct<br>B-折返安装<br>B-Transit | M1-前端盖<br>M1-Front end cover<br>M2-侧面<br>M2-Side<br>M3-前法兰<br>M3-Front flange<br>M4-后法兰<br>M4-Back flange<br>M5-单耳环<br>M5-Single ring<br>M6-双耳环<br>M6-Double ring<br>M7-耳轴<br>M7-Trunnion | C1-外螺纹<br>C1-Male thread<br>C2-内螺纹<br>C2-Female thread<br>C3-Y型接头<br>C3-Y hinge<br>C4-鱼眼接头<br>C4-Joint bearin<br>C5-前导向<br>C5-Front or | 默认2个<br>2 by default<br>3: 3个<br>4: 4个 | 0100W: 100瓦<br>042:42步进 | 忽略: 无速比<br>3: 减速比3<br>5: 减速比5<br>..... |

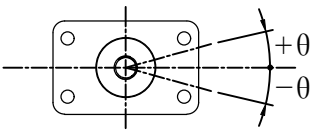
# 伺服电动缸

## 基本参数 Specification

|              |                           |                                |      |
|--------------|---------------------------|--------------------------------|------|
| CMC039<br>系列 | 位置重复精度 Repeatability (mm) | ±0.02/±0.01                    |      |
|              | 螺杆导程 Ball Screw Lead (mm) | 1                              | 2.5  |
|              | 最高速度 Maximum Speed (mm/s) | ≤50                            | ≤125 |
|              | 额定负载 Maximum Payload (kg) | ≤90                            | ≤60  |
|              | 标准行程 Stroke/pitch (mm)    | 50-300/50                      |      |
|              | 马达尺寸 Motor Dimension (mm) | 40□                            |      |
|              | 滚珠螺杆规格 Ball Screw Spec    | C7/C5 φ8mm                     |      |
|              | 感应器 Sensor                | 电子式磁性开关*2<br>Solenoid Switch*2 |      |

## 防止回转精度 Anti-rotating Accuracy

活塞杆的防止回转精度  
Anti-rotating Accuracy of Putter



|                                    |
|------------------------------------|
| 防止回转精度 θ<br>Anti-rotating Accuracy |
| ±0.05                              |

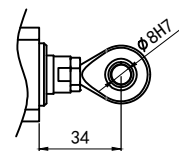
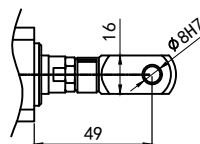
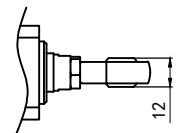
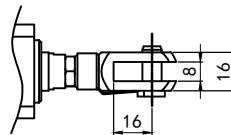
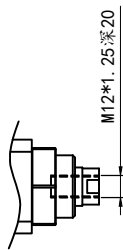
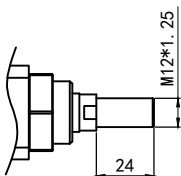
## 前端连接方式 Front end connection mode

C1 外螺纹  
C1 Male

C2 内螺纹  
C2 Female

C3 Y型接头  
C3 Yhinge

C4 鱼眼接头  
C4 Joint bearin

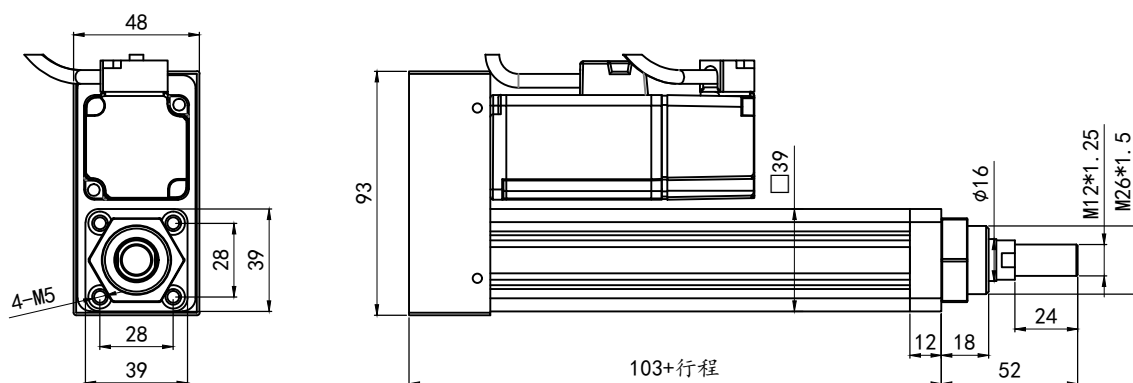


# CMC039 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC039 折返前端盖安装-M1  
CMC039 Transition Front Cap Installation-M1

(单位 Unit: mm)



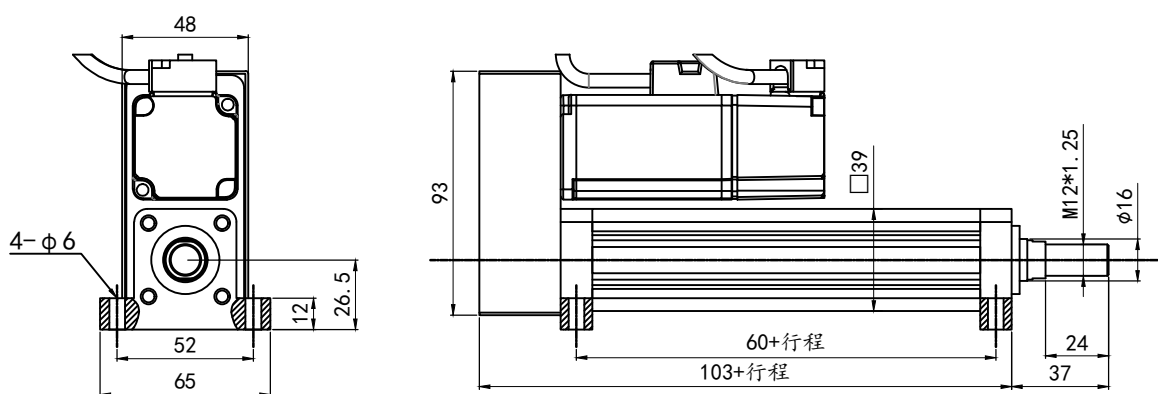
| 有效行程<br>stroke | 标准行程 standard stroke |      |     |      |     |      |
|----------------|----------------------|------|-----|------|-----|------|
|                | 50                   | 100  | 150 | 200  | 250 | 300  |
| Weight (kg)    | 1.5                  | 1.65 | 1.8 | 1.95 | 2.1 | 2.25 |

备注1: 行程每增加50mm, 重量增加0.15kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
Weight does not include motor weight.

CMC039 折返侧面安装-M2  
CMC039 Transition Side Installation-M2

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 1.53                 | 1.68 | 1.83 | 1.98 | 2.13 | 2.28 |

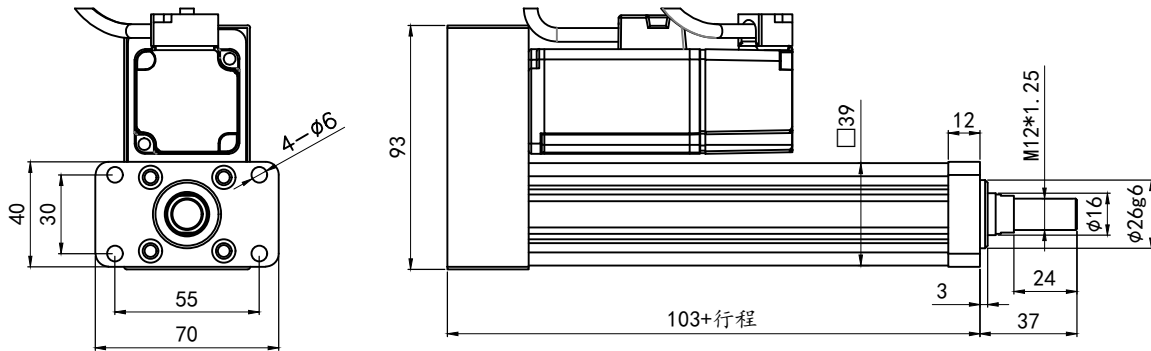
备注1: 行程每增加50mm, 重量增加0.15kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
Weight does not include motor weight.

# 伺服电动缸

**CMC039 折返前法兰安装-M3**  
CMC039 Transition Flange Installation-M3

(单位 Unit: mm)

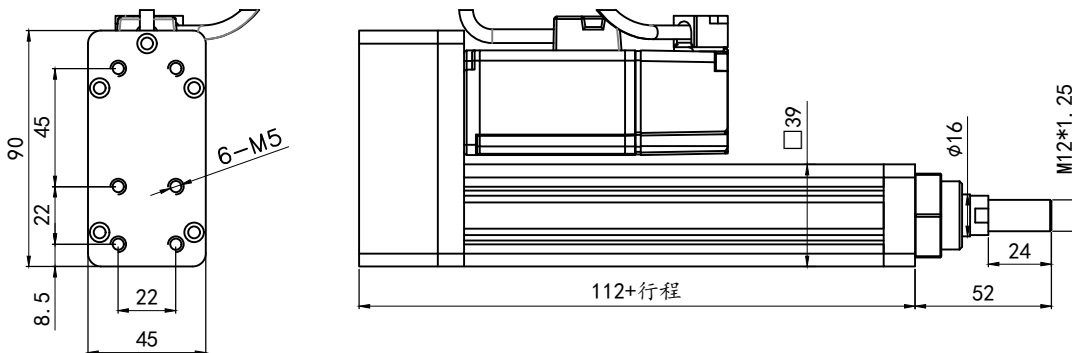


| 有效行程<br>stroke | 标准行程 standard stroke |      |     |      |     |      |
|----------------|----------------------|------|-----|------|-----|------|
|                | 50                   | 100  | 150 | 200  | 250 | 300  |
| Weight (kg)    | 1.5                  | 1.65 | 1.8 | 1.95 | 2.1 | 2.25 |

备注1: 行程每增加50mm, 重量增加0.15kg      When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

**CMC039 折返后法兰安装-M4**  
CMC039 Transition backFlange Installation-M4

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 1.84                 | 1.99 | 2.14 | 2.29 | 2.44 | 2.59 |

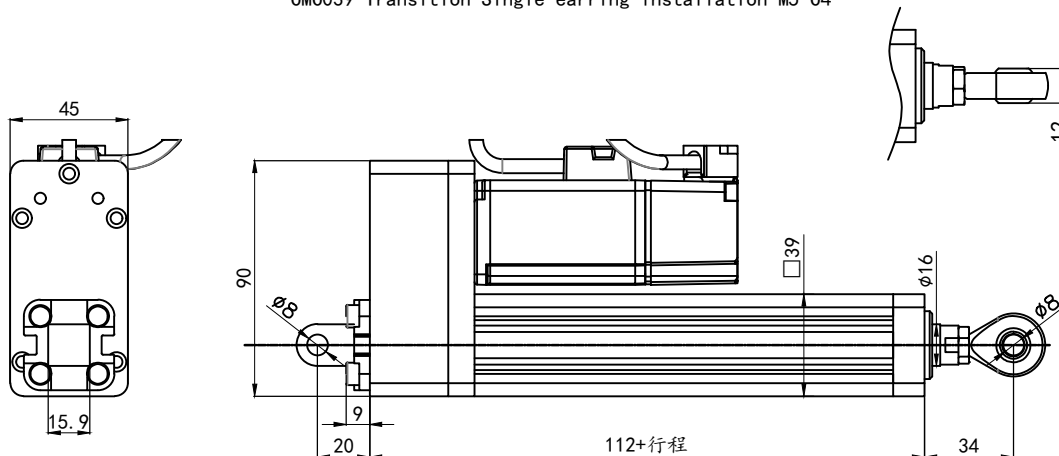
备注1: 行程每增加50mm, 重量增加0.15kg      When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

# CMC039 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC039 折返单耳环安装 - M5-C4  
CMC039 Transition Single earring installation-M5-C4

(单位 Unit: mm)

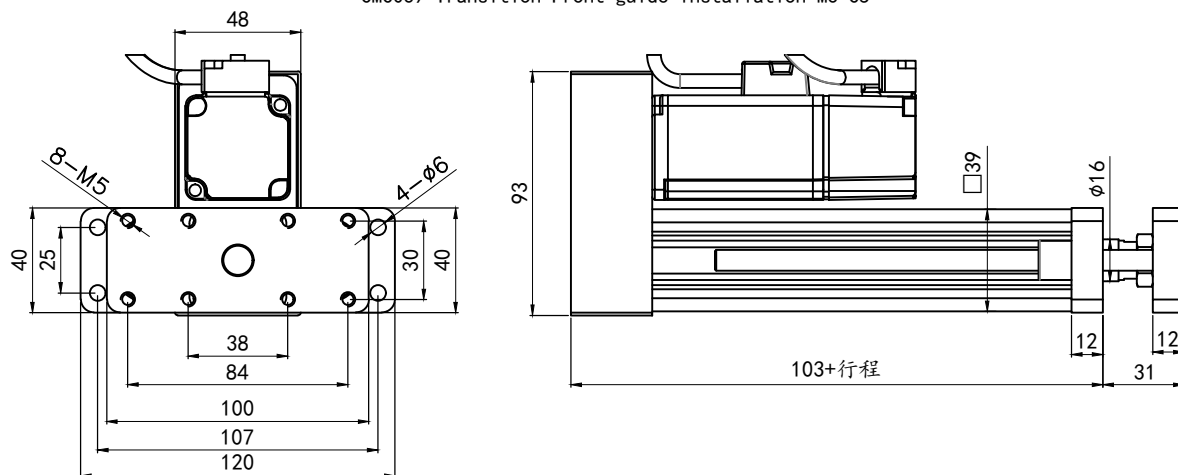


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 1.96                 | 2.11 | 2.26 | 2.41 | 2.56 | 2.71 |

备注1: 行程每增加50mm, 重量增加0.15kg      When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

CMC039 折返前导向安装 - M3-C5  
CMC039 Transition Front guide installation-M3-C5

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 1.98                 | 2.11 | 2.26 | 2.41 | 2.56 | 2.71 |

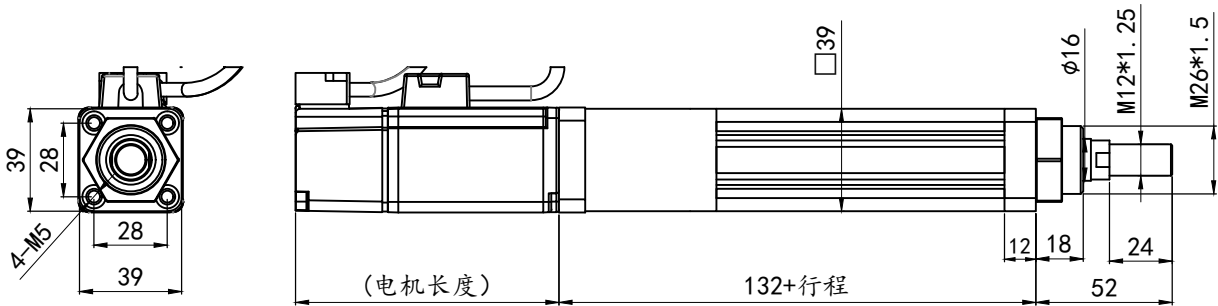
备注1: 行程每增加50mm, 重量增加0.15kg      When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.



# 伺服电动缸

CMC039直连前端盖安装-M1  
CMC039 Direct Front Cap Installation-M1

(单位 Unit: mm)

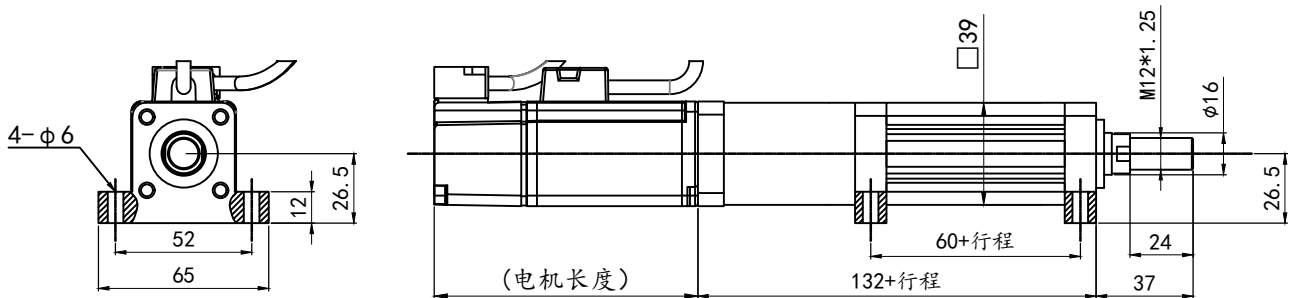


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 1.44                 | 1.59 | 1.74 | 1.89 | 2.04 | 2.19 |

备注1: 行程每增加50mm, 重量增加0.15kg      When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

CMC039直连侧面安装-M2  
CMC039 Direct Side Installation-M2

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 1.47                 | 1.62 | 1.77 | 1.92 | 2.07 | 2.22 |

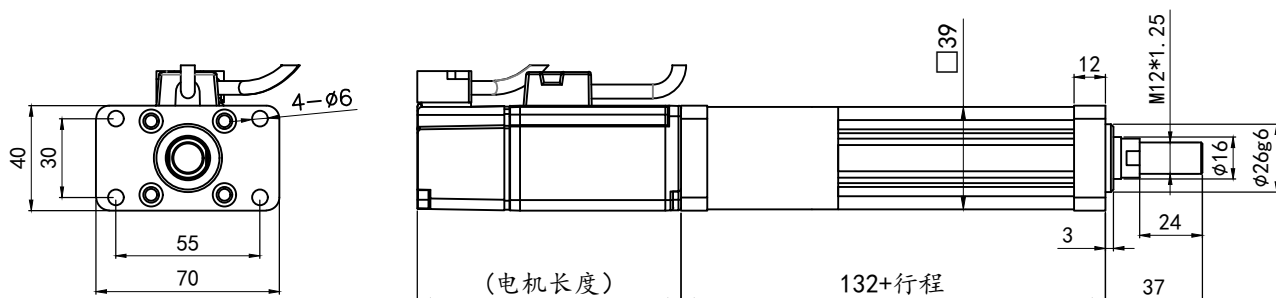
备注1: 行程每增加50mm, 重量增加0.15kg      When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

# CMC039 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC039直连前法兰安装-M3  
CMC039 Diret Flange Installation-M3

(单位 Unit: mm)

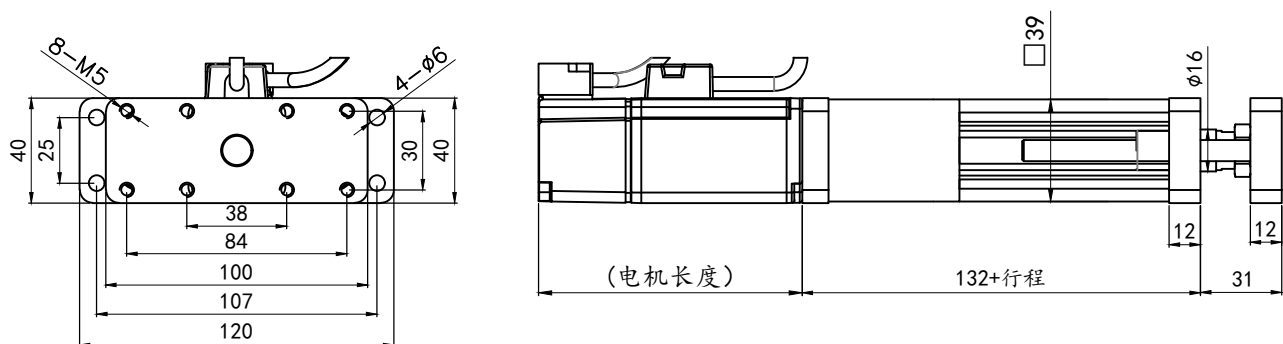


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 1.44                 | 1.59 | 1.74 | 1.89 | 2.04 | 2.19 |

备注1: 行程每增加50mm, 重量增加0.15kg      When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

CMC039直连前导向安装-M3-C5  
CMC039 Diret Front guide installation-M3-C5

(单位 Unit: mm)

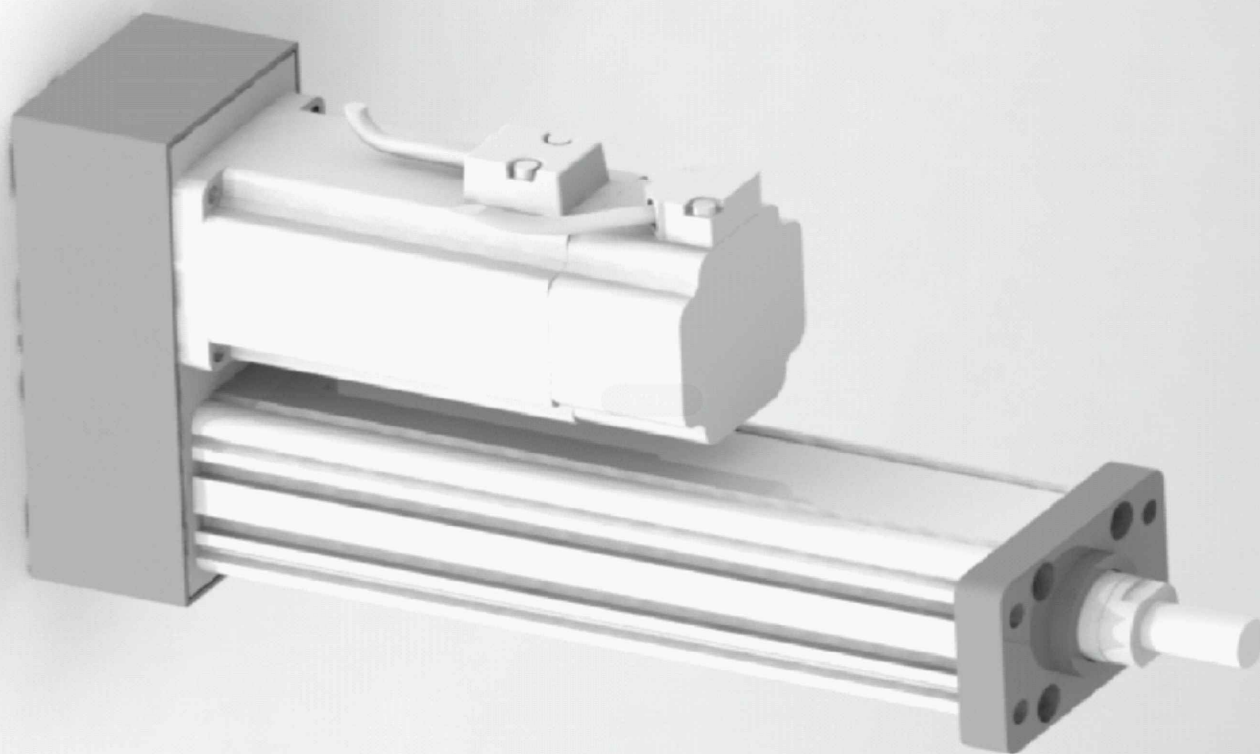


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 1.92                 | 2.12 | 2.32 | 2.52 | 2.72 | 2.92 |

备注1: 行程每增加50mm, 重量增加0.15kg      When the stroke increases by 50 mm, the weight increases by 0.15 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

# CMC 053 单轴 1-axis

## 螺杆驱动 Ball Screw Drive



**最大行程**  
Maximum stroke 400mm

**最高速度**  
Maximum speed 250mm/s

**马达尺寸**  
Motor Dimension ≤60□

**滚珠螺杆**  
Ball Screw  $\phi 12\text{mm}$

型号表示方式 Ordering Method

**CMC053-S100-D05 - B - M3 - C1 - 2 - 0100W - N5**

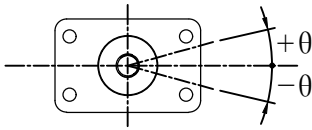
| 系列型号<br>Model | 行程<br>Stroke | 导程<br>Lead range | 马达安装方式<br>Motor installation type         | 安装方式<br>Installation type   | 前端接头<br>Connection  | 限位开关<br>Limit switch                   | 电机功率<br>Motor power   | 速比<br>Ratio                            |
|---------------|--------------|------------------|---|---|---|--|---|--|
|               | 50-300       | D05<br>D10       | A-直连安装<br>A-Direct<br>B-折返安装<br>B-Transit | M1-前端盖<br>M1-Front end cover<br>M2-侧面<br>M2-Side<br>M3-前法兰<br>M3-Front flange<br>M4-后法兰<br>M4-Back flange<br>M5-单耳环<br>M5-Single ring<br>M6-双耳环<br>M6-Double ring<br>M7-耳轴<br>M7-Trunnion | C1-外螺纹<br>C1-Male thread<br>C2-内螺纹<br>C2-Female thread<br>C3-Y型接头<br>C3-Y hinge<br>C4-鱼眼接头<br>C4-Joint bearing<br>C5-前导向<br>C5-Front or | 默认2个<br>2 by default<br>3: 3个<br>4: 4个 | 0100W: 100瓦<br>0200W: 200瓦<br>0400W: 400瓦<br>042: 42步进<br>057: 57步进 | 忽略: 无速比<br>3: 减速比3<br>5: 减速比5<br>..... |

## 伺服电动缸

## 基本参数 Specification

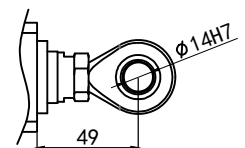
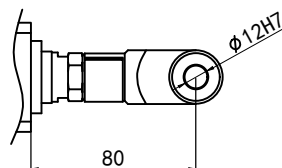
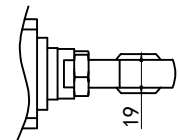
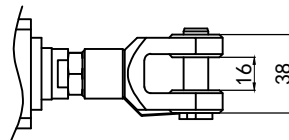
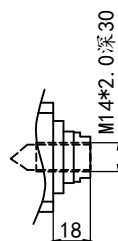
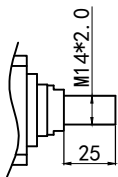
|              |                           |                                |      |
|--------------|---------------------------|--------------------------------|------|
| CMC053<br>系列 | 位置重复精度 Repeatability (mm) | ±0.02/±0.01                    |      |
|              | 螺杆导程 Ball Screw Lead (mm) | 5                              | 10   |
|              | 最高速度 Maximum Speed (mm/s) | ≤250                           | ≤500 |
|              | 额定负载 Maximum Payload (kg) | ≤130                           | ≤60  |
|              | 标准行程 Stroke/pitch (mm)    | 50-300/50                      |      |
|              | 马达尺寸 Motor Dimension (mm) | 40□ 42□ 57□ 60□                |      |
|              | 滚珠螺杆规格 Ball Screw Spec    | C7/C5 $\phi$ 12mm              |      |
|              | 感应器 Sensor                | 电子式磁性开关*2<br>Solenoid Switch*2 |      |

## 防止回转精度 Anti-rotating Accuracy

 活塞杆的防止回转精度  
Anti-rotating Accuracy of Putter
防止回转精度  $\theta$   
Anti-rotating Accuracy

±0.05

## 前端连接方式 Front end connection mode

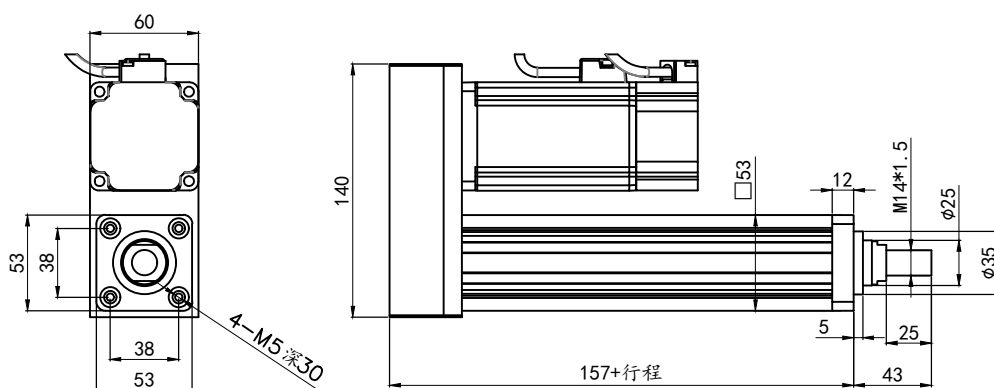
C1 外螺纹  
C1 MaleC2 内螺纹  
C2 FemaleC3 Y型接头  
C3 YhingeC4 鱼眼接头  
C4 Joint bearin

# CMC053 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC053 折返前端盖安装-M1  
CMC053 Transition Front Cap Installation-M1

(单位 Unit: mm)



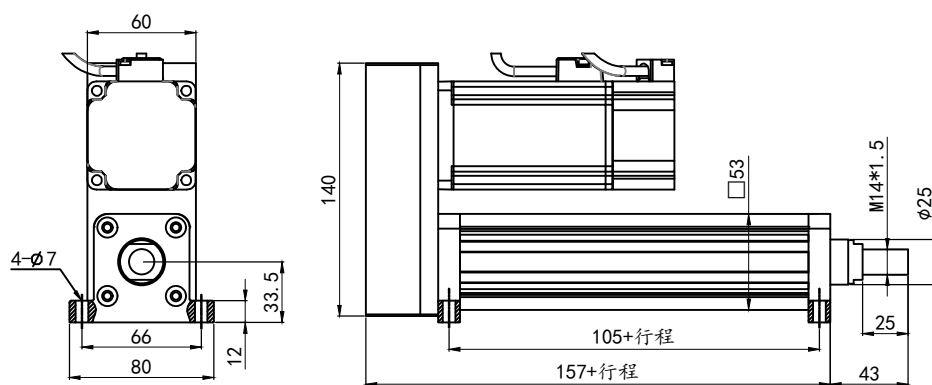
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 2.74                 | 2.99 | 3.24 | 3.49 | 3.74 | 3.99 |

备注1: 行程每增加50mm, 重量增加0.4kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
Weight does not include motor weight.

CMC053 折返侧面安装-M2  
CMC053 Transition Side Installation-M2

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 2.71                 | 2.96 | 3.21 | 3.46 | 3.71 | 3.96 |

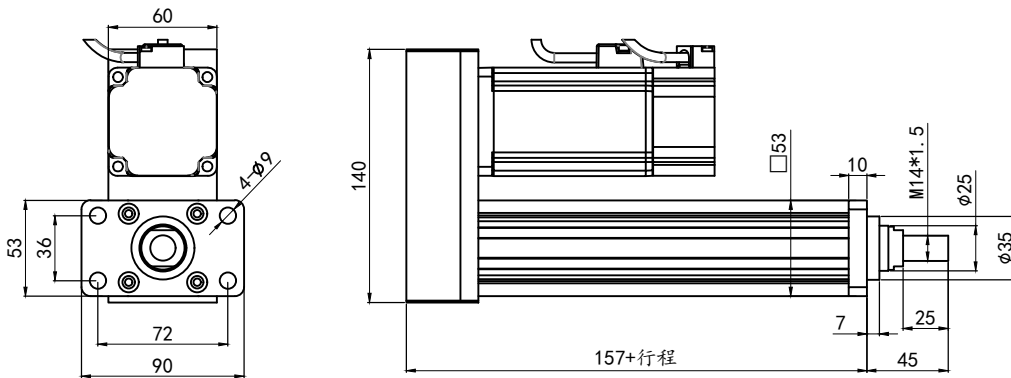
备注1: 行程每增加50mm, 重量增加0.4kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
Weight does not include motor weight.

# 伺服电动缸

**CMC053 折返前法兰安装-M3**  
CMC053 Transition Flange Installation-M3

(单位 Unit: mm)

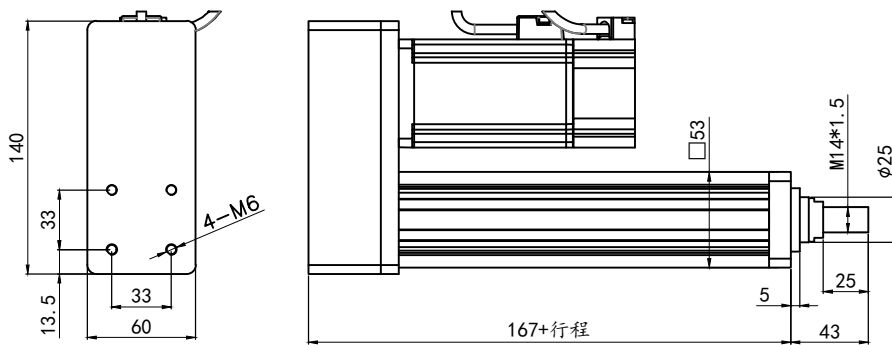


| 有效行程<br>stroke | 标准行程 standard stroke |     |      |     |      |     |
|----------------|----------------------|-----|------|-----|------|-----|
|                | 50                   | 100 | 150  | 200 | 250  | 300 |
| Weight (kg)    | 2.75                 | 3   | 3.25 | 3.5 | 3.75 | 4   |

备注1: 行程每增加50mm, 重量增加0.4kg  
When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
备注2: 此重量不包含电机的重量  
Weight does not include motor weight.

**CMC053 折返后法兰安装-M4**  
CMC053 Transition backFlange Installation-M4

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |     |      |     |      |     |
|----------------|----------------------|-----|------|-----|------|-----|
|                | 50                   | 100 | 150  | 200 | 250  | 300 |
| Weight (kg)    | 3.05                 | 3.3 | 3.55 | 3.8 | 4.05 | 4.3 |

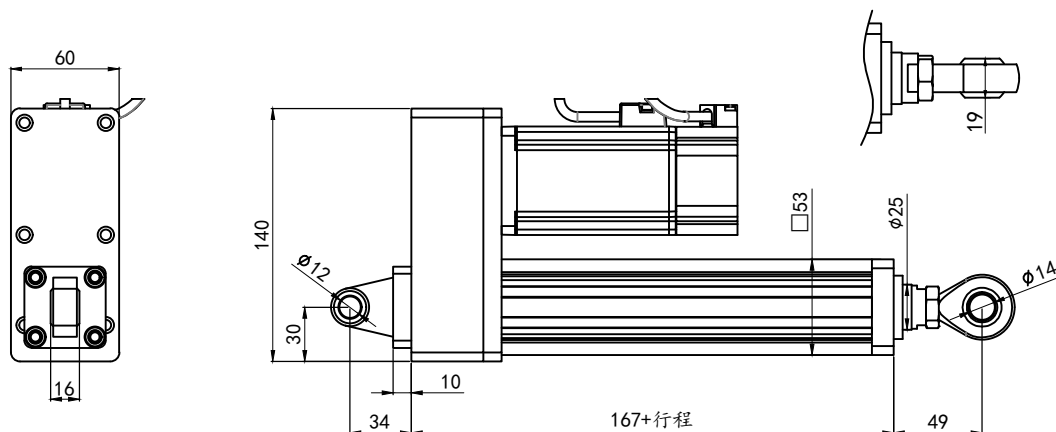
备注1: 行程每增加50mm, 重量增加0.4kg  
When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
备注2: 此重量不包含电机的重量  
Weight does not include motor weight.

# CMC053 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC053 折返单耳环安装 - M5-C4  
CMC053 Transition Single earring installation-M5-C4

(单位 Unit: mm)



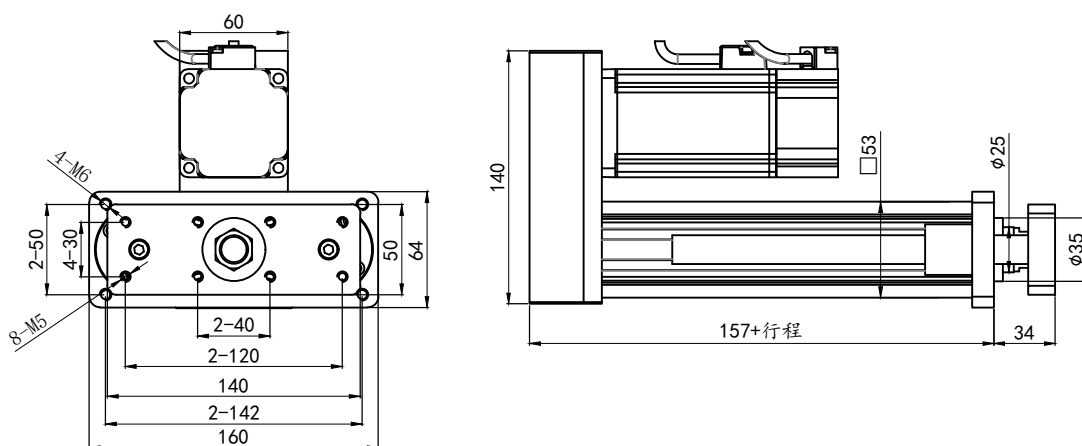
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 3.17                 | 3.42 | 3.67 | 3.92 | 4.17 | 4.42 |

备注1: 行程每增加50mm, 重量增加0.4kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
Weight does not include motor weight.

CMC053 折返前导向安装 - M3-C5  
CMC053 Transition Front guide installation-M3-C5

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 3.96                 | 4.36 | 4.76 | 5.16 | 5.56 | 5.96 |

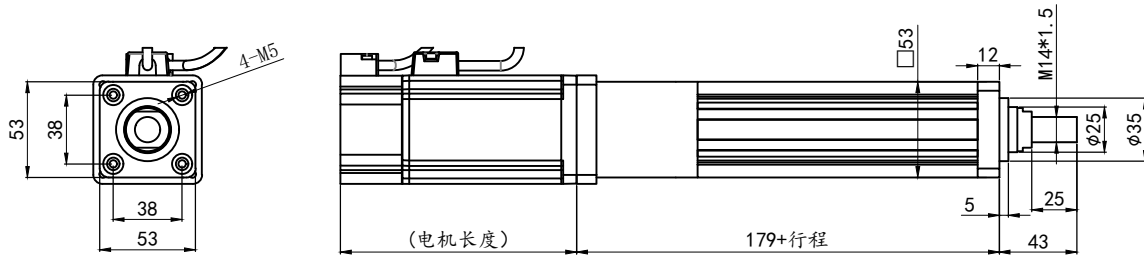
备注1: 行程每增加50mm, 重量增加0.4kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
Weight does not include motor weight.

# 伺服电动缸

CMC053直连前端盖安装-M1  
CMC053 Direct Front Cap Installation-M1

(单位 Unit: mm)



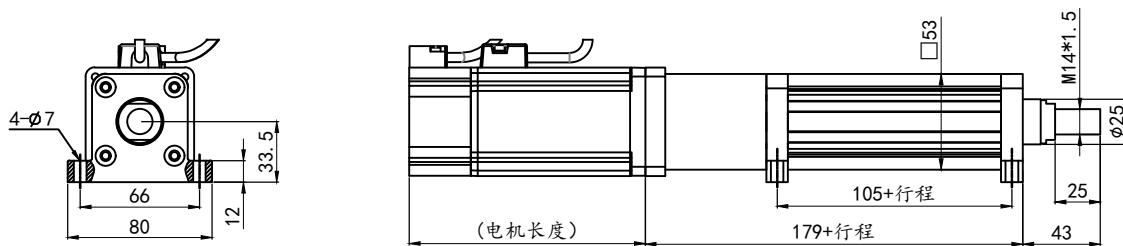
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 2.62                 | 2.87 | 3.12 | 3.37 | 3.62 | 3.87 |

备注1: 行程每增加50mm, 重量增加0.4kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
Weight does not include motor weight.

CMC053直连侧面安装-M2  
CMC053 Direct Side Installation-M2

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 2.63                 | 2.88 | 3.13 | 3.38 | 3.63 | 3.88 |

备注1: 行程每增加50mm, 重量增加0.4kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
Weight does not include motor weight.

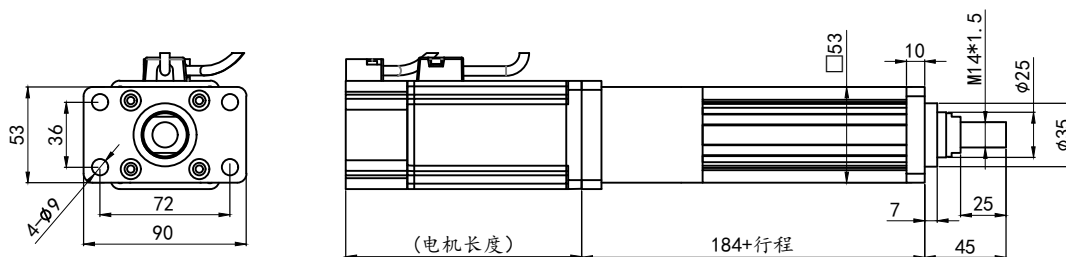


# CMC053 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC053直连前法兰安装-M3  
CMC053 Direct Flange Installation-M3

(单位 Unit: mm)



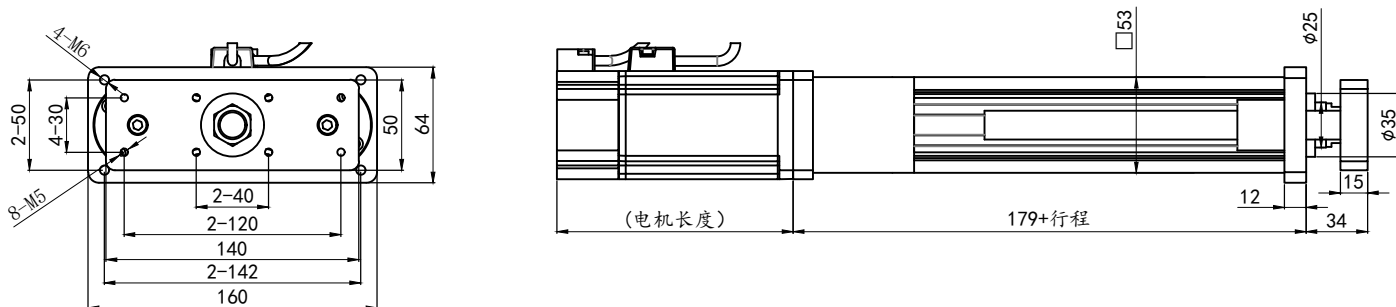
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 2.59                 | 2.84 | 3.09 | 3.34 | 3.59 | 3.84 |

备注1: 行程每增加50mm, 重量增加0.4kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
Weight does not include motor weight.

CMC053直连前导向安装-M3-C5  
CMC053 Direct Front guide installation-M3-C5

(单位 Unit: mm)



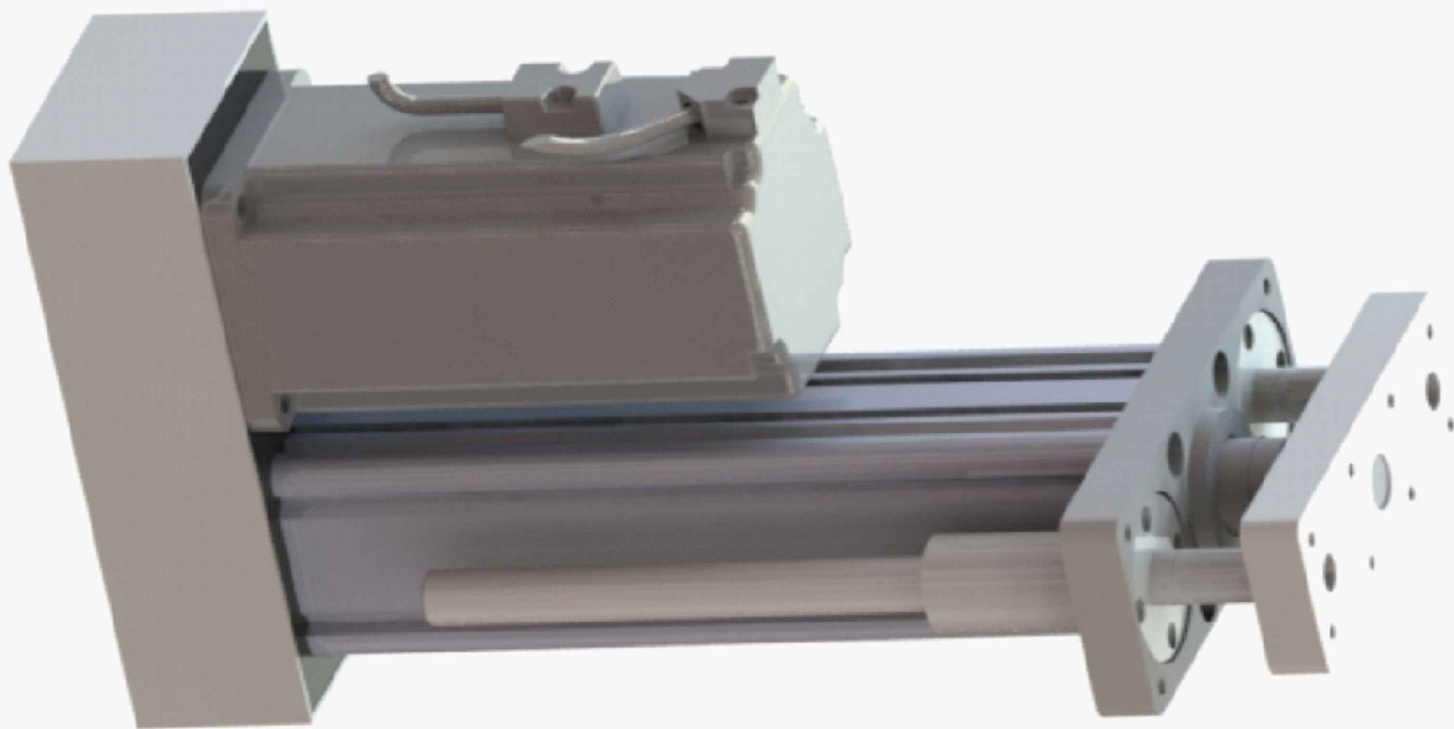
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  |
| Weight (kg)    | 3.84                 | 4.24 | 4.64 | 5.04 | 5.44 | 5.84 |

备注1: 行程每增加50mm, 重量增加0.4kg  
备注2: 此重量不包含电机的重量

When the stroke increases by 50 mm, the weight increases by 0.4 kg.  
Weight does not include motor weight.

# CMC 065 单轴 1-axis

## 螺杆驱动 Ball Screw Drive



**最大行程** 600mm  
Maximum stroke

**最高速度** 1000mm/s  
Maximum speed

**马达尺寸** ≤90□  
Motor Dimension

**滚珠螺杆** φ16mm  
Ball Screw

型号表示方式 Ordering Method

### CMC065-S100-D05 - B - M3 - C1 - 2 - 0400W - N5

| 系列型号<br>Model | 行程<br>Stroke | 导程<br>Lead range | 马达安装方式<br>Motor installation type | 安装方式<br>Installation type    | 前端接头<br>Connection         | 限位开关<br>Limit switch | 电机功率<br>Motor power | 速比<br>Ratio |
|---------------|--------------|------------------|-----------------------------------|------------------------------|----------------------------|----------------------|---------------------|-------------|
|               | 50-600       | D05              | A-直连安装<br>A-Direct                | M1-前端盖<br>M1-Front end cover | C1-外螺纹<br>C1-Male thread   | 默认2个<br>2 by default | 0200W: 200瓦         | 忽略: 无速比     |
|               |              | D10              |                                   | M2-侧面<br>M2-Side             | C2-内螺纹<br>C2-Female thread | 3: 3个                | 0400W: 400瓦         | 3: 减速比3     |
|               |              | D16              | B-折返安装<br>B-Transit               | M3-前法兰<br>M3-Front flange    | C3-Y型接头<br>C3-Y hinge      | 4: 4个                | 0750W: 750瓦         | 5: 减速比5     |
|               |              | D20              |                                   | M4-后法兰<br>M4-Back flange     | C4-鱼眼接头<br>C4-Joint bearin |                      | 1000W: 1000瓦        | .....       |
|               |              |                  |                                   | M5-单耳环<br>M5-Single ring     | C5-前导向<br>C5-Front or      |                      | 057:57步进            |             |
|               |              |                  |                                   | M6-双耳环<br>M6-Double ring     |                            |                      | 086:86步进            |             |
|               |              |                  |                                   | M7-耳轴<br>M7-Trunnion         |                            |                      |                     |             |

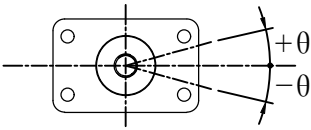
# 伺服电动缸

## 基本参数 Specification

|              |                           |                                |      |      |       |
|--------------|---------------------------|--------------------------------|------|------|-------|
| CMC065<br>系列 | 位置重复精度 Repeatability (mm) | ±0.02/±0.01                    |      |      |       |
|              | 螺杆导程 Ball Screw Lead (mm) | 5                              | 10   | 16   | 20    |
|              | 最高速度 Maximum Speed (mm/s) | ≤250                           | ≤500 | ≤800 | ≤1000 |
|              | 额定负载 Maximum Payload (kg) | ≤500                           |      |      |       |
|              | 标准行程 Stroke/pitch (mm)    | 50-600/50                      |      |      |       |
|              | 马达尺寸 Motor Dimension (mm) | 40□ 42□ 57□ 60□ 80□ 90□        |      |      |       |
|              | 滚珠螺杆规格 Ball Screw Spec    | C7/C5 φ16mm                    |      |      |       |
|              | 感应器 Sensor                | 电子式磁性开关*2<br>Solenoid Switch*2 |      |      |       |

## 防止回转精度 Anti-rotating Accuracy

活塞杆的防止回转精度  
Anti-rotating Accuracy of Putter



|                                    |
|------------------------------------|
| 防止回转精度 θ<br>Anti-rotating Accuracy |
| ±0.05                              |

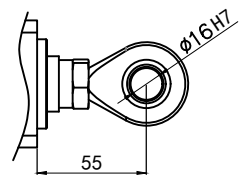
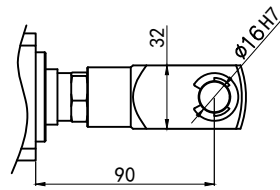
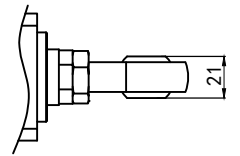
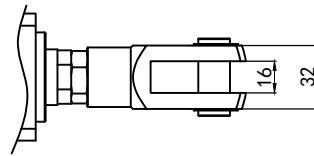
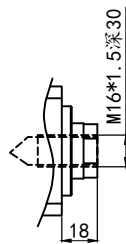
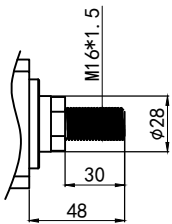
## 前端连接方式 Front end connection mode

C1 外螺纹  
C1 Male

C2 内螺纹  
C2 Female

C3 Y型接头  
C3 Yhinge

C4 鱼眼接头  
C4 Joint bearing

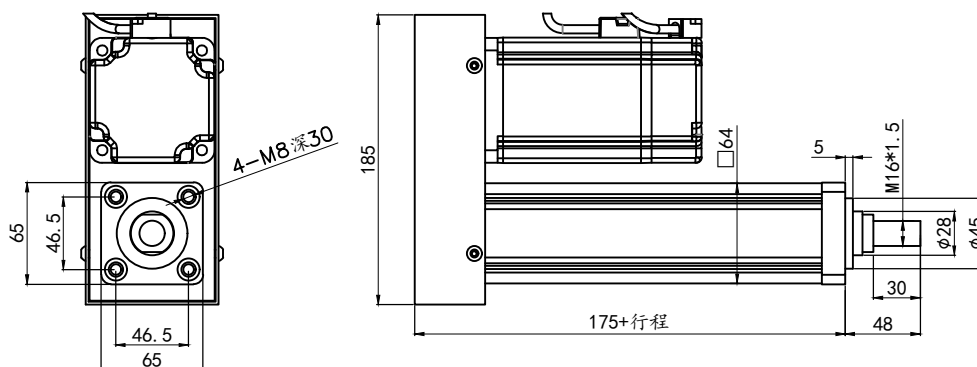


# CMC065 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC065 折返前端盖安装-M1  
CMC065 Transition Front Cap Installation-M1

(单位 Unit: mm)

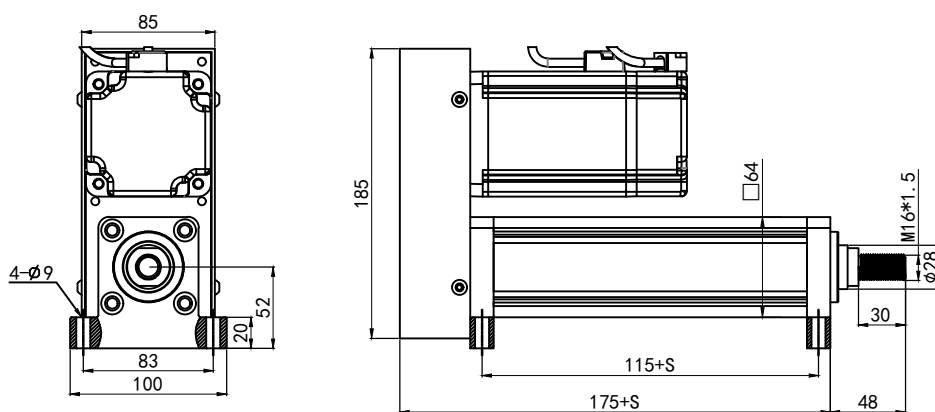


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  |
| Weight (kg)    | 4.37                 | 4.87 | 5.37 | 5.87 | 6.37 | 6.87 | 7.37 | 7.87 | 8.37 | 8.87 | 9.37 | 9.87 |

备注1: 行程每增加50mm, 重量增加0.5kg    When the stroke increases by 50 mm, the weight increases by 0.5 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC065 折返侧面安装-M2  
CMC065 Transition Side Installation-M2

(单位 Unit: mm)



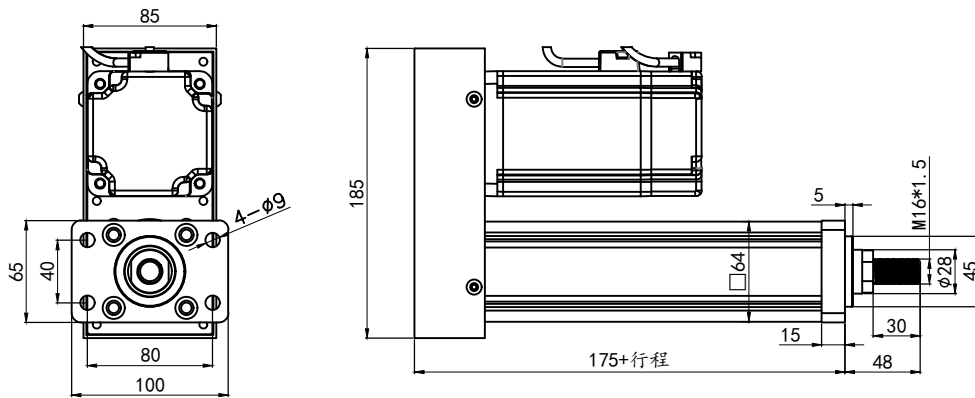
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  |
| Weight (kg)    | 4.45                 | 4.95 | 5.45 | 5.95 | 6.45 | 6.95 | 7.45 | 7.95 | 8.45 | 8.95 | 9.45 | 9.95 |

备注1: 行程每增加50mm, 重量增加0.5kg    When the stroke increases by 50 mm, the weight increases by 0.5 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# 伺服电动缸

CMC065 折返前法兰安装-M3  
CMC065 Transition Flange Installation-M3

(单位 Unit: mm)

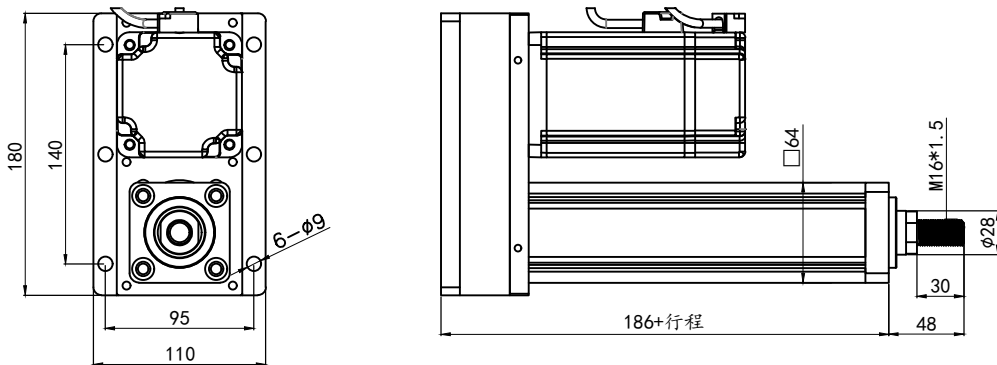


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  |
| Weight (kg)    | 4.25                 | 4.75 | 5.25 | 5.75 | 6.25 | 6.75 | 7.25 | 7.75 | 8.25 | 8.75 | 9.25 | 9.75 |

备注1: 行程每增加50mm, 重量增加0.5kg When the stroke increases by 50 mm, the weight increases by 0.5 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

CMC065 折返后法兰安装-M4  
CMC065 Transition backFlange Installation-M4

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |       |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550   | 600   |
| Weight (kg)    | 5.04                 | 5.54 | 6.04 | 6.54 | 7.04 | 7.54 | 8.04 | 8.54 | 9.04 | 9.54 | 10.04 | 10.54 |

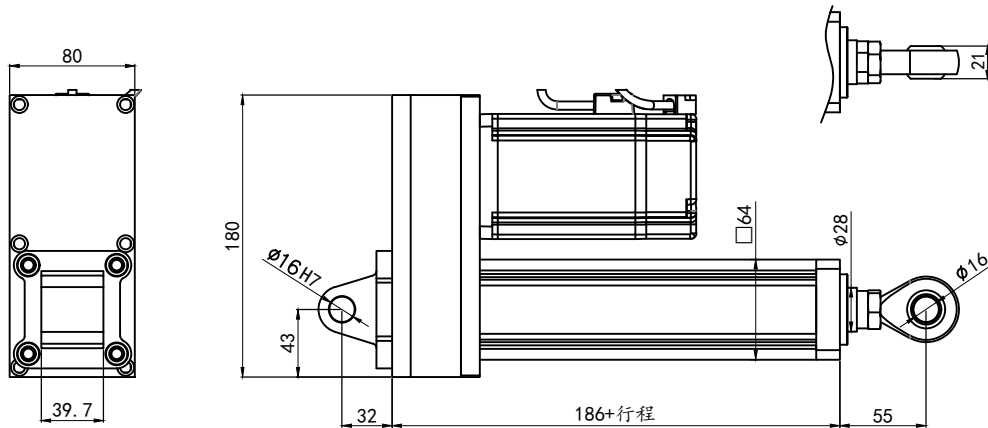
备注1: 行程每增加50mm, 重量增加0.5kg When the stroke increases by 50 mm, the weight increases by 0.5 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

# CMC065 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC065 折返单耳环安装-M5-C4  
CMC065 Transition Single earring installation-M5-C4

(单位 Unit: mm)

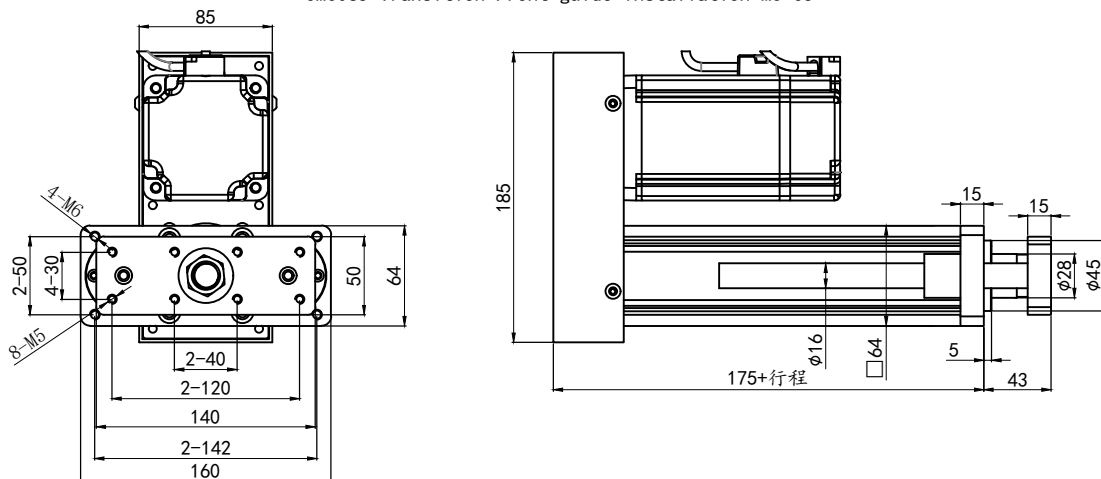


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |       |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550   | 600   |
| Weight (kg)    | 5.37                 | 5.87 | 6.37 | 6.87 | 7.37 | 7.87 | 8.37 | 8.87 | 9.37 | 9.87 | 10.37 | 10.87 |

备注1: 行程每增加50mm, 重量增加0.5kg When the stroke increases by 50 mm, the weight increases by 0.5 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

CMC065 折返前导向安装-M3-C5  
CMC065 Transition Front guide installation-M3-C5

(单位 Unit: mm)



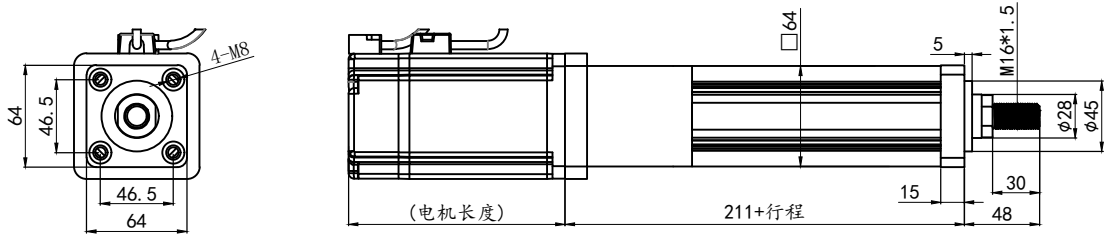
| 有效行程<br>stroke | 标准行程 standard stroke |      |     |      |     |      |     |      |     |       |      |       |
|----------------|----------------------|------|-----|------|-----|------|-----|------|-----|-------|------|-------|
|                | 50                   | 100  | 150 | 200  | 250 | 300  | 350 | 400  | 450 | 500   | 550  | 600   |
| Weight (kg)    | 5.2                  | 5.75 | 6.3 | 6.85 | 7.4 | 7.95 | 8.5 | 9.05 | 9.6 | 10.15 | 10.7 | 11.25 |

备注1: 行程每增加50mm, 重量增加0.55kg When the stroke increases by 50 mm, the weight increases by 0.55 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

# 伺服电动缸

CMC065直连前端盖安装-M1  
CMC065 Direct Front Cap Installation-M1

(单位 Unit: mm)

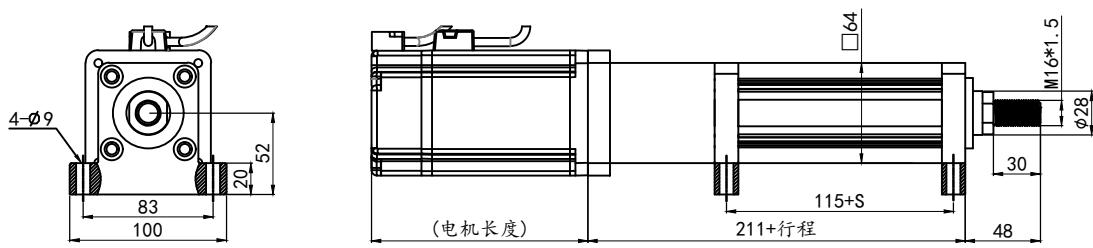


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600   |
| Weight (kg)    | 4.07                 | 4.57 | 5.07 | 6.07 | 6.57 | 7.07 | 7.57 | 8.07 | 8.57 | 9.07 | 9.57 | 10.07 |

备注1: 行程每增加50mm, 重量增加0.5kg    When the stroke increases by 50 mm, the weight increases by 0.5 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC065直连侧面安装-M2  
CMC065 Direct Side Installation-M2

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  |
| Weight (kg)    | 4.15                 | 4.65 | 5.15 | 5.65 | 6.15 | 6.65 | 7.15 | 7.65 | 8.15 | 8.65 | 9.15 | 9.65 |

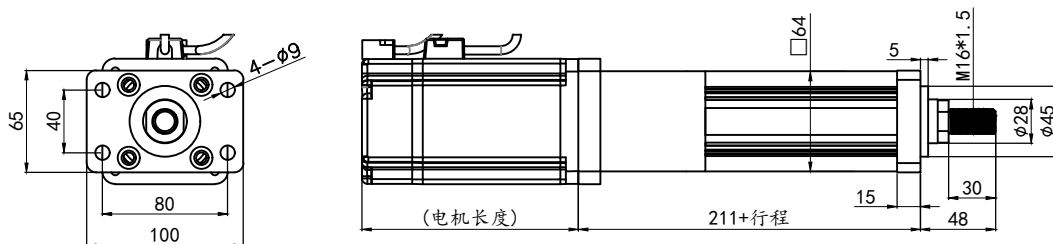
备注1: 行程每增加50mm, 重量增加0.5kg    When the stroke increases by 50 mm, the weight increases by 0.5 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# CMC065 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC065直连前法兰安装-M3  
CMC065 Diret Flange Installation-M3

(单位 Unit: mm)

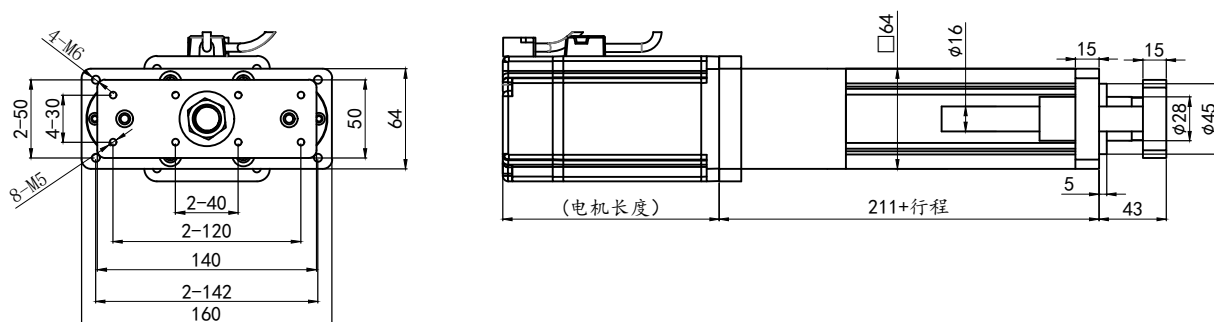


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  |
| Weight (kg)    | 3.95                 | 4.45 | 4.95 | 5.45 | 5.95 | 6.45 | 6.95 | 7.45 | 7.95 | 8.45 | 8.95 | 9.45 |

备注1: 行程每增加50mm, 重量增加0.5kg    When the stroke increases by 50 mm, the weight increases by 0.5 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC065直连前导向安装-M3-C5  
CMC065 Diret Front guide installation-M3-C5

(单位 Unit: mm)



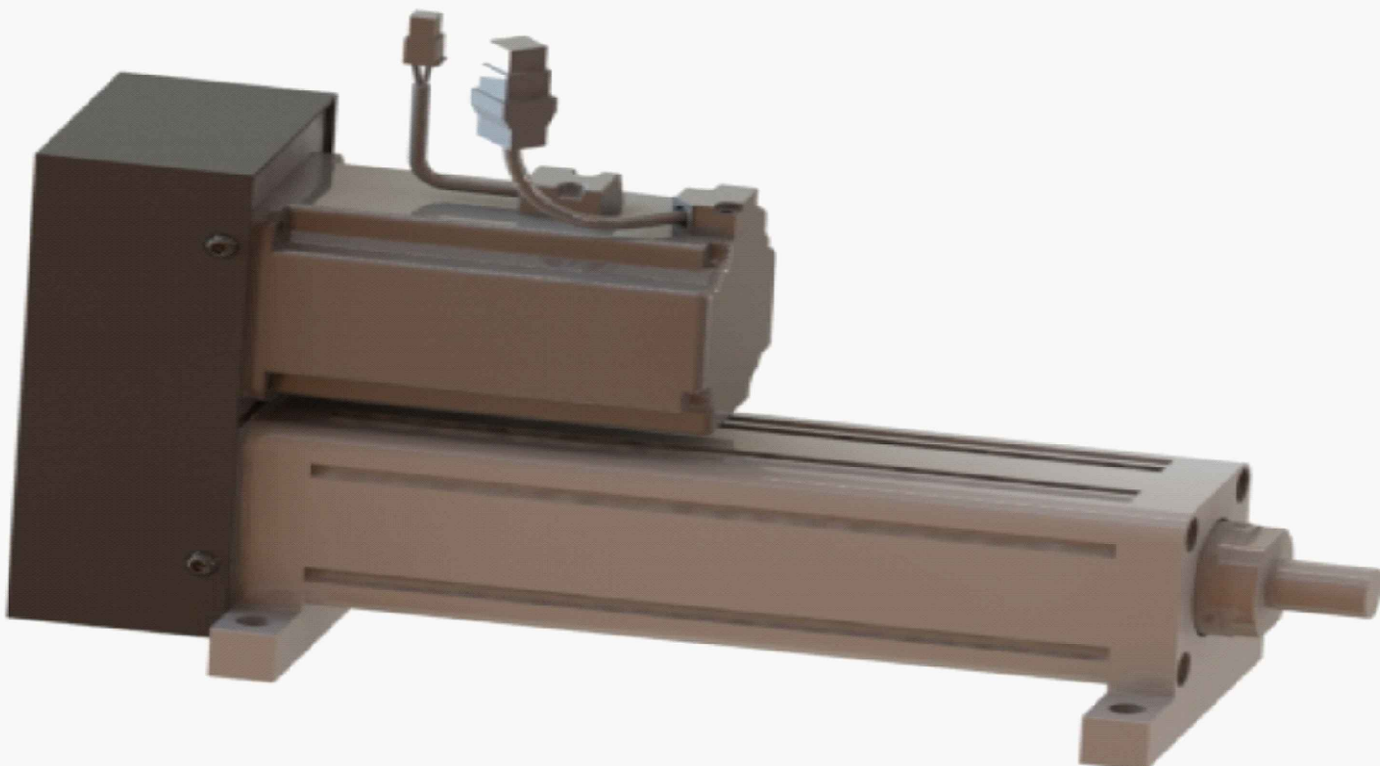
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |       |       |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|-------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500   | 550   | 600   |
| Weight (kg)    | 5.50                 | 6.05 | 6.60 | 7.15 | 7.70 | 8.25 | 8.80 | 8.25 | 9.35 | 10.45 | 11.00 | 11.55 |

备注1: 行程每增加50mm, 重量增加0.52kg    When the stroke increases by 50 mm, the weight increases by 0.5 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.



# CMC 075 单轴 1-axis

## 螺杆驱动 Ball Screw Drive



**最大行程**  
Maximum stroke 1600mm

**最高速度**  
Maximum speed 1250mm/s

**马达尺寸**  
Motor Dimension ≤130□

**滚珠螺杆**  
Ball Screw  $\phi 25\text{mm}$

型号表示方式 Ordering Method

### CMC075-S100-D10 - B - M3 - C1 - 2 - 0750W - N5

| 系列型号<br>Model | 行程<br>Stroke | 导程<br>Lead range | 马达安装方式<br>Motor installation type | 安装方式<br>Installation type    | 前端接头<br>Connection         | 限位开关<br>Limit switch | 电机功率<br>Motor power | 速比<br>Ratio |
|---------------|--------------|------------------|-----------------------------------|------------------------------|----------------------------|----------------------|---------------------|-------------|
|               | 50-1600      | D05              | A-直连安装<br>A-Direct                | M1-前端盖<br>M1-Front end cover | C1-外螺纹<br>C1-Male thread   | 默认2个<br>2 by default | 0400W: 400瓦         | 忽略: 无速比     |
|               |              | D10              | B-折返安装<br>B-Transit               | M2-侧面<br>M2-Side             | C2-内螺纹<br>C2-Female thread | 3: 3个                | 0750W: 750瓦         | 3: 减速比3     |
|               |              | D25              |                                   | M3-前法兰<br>M3-Front flange    | C3-Y型接头<br>C3-Y hinge      | 4: 4个                | 1000W: 1000瓦        | 5: 减速比5     |
|               |              |                  |                                   | M4-后法兰<br>M4-Back flange     | C4-鱼眼接头<br>C4-Joint bearin |                      | 1500W: 1000瓦        | 10: 减速比10   |
|               |              |                  |                                   | M5-单耳环<br>M5-Single ring     | C5-前导向<br>C5-Front or      |                      | 2000W: 2000瓦        | .....       |
|               |              |                  |                                   | M6-双耳环<br>M6-Double ring     |                            |                      | 3000W: 2000瓦        | .....       |
|               |              |                  |                                   | M7-耳轴<br>M7-Trunnion         |                            |                      | .....               | .....       |

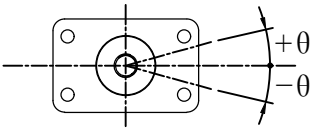
# 伺服电动缸

## 基本参数 Specification

|              |                           |                                     |       |       |
|--------------|---------------------------|-------------------------------------|-------|-------|
| CMC075<br>系列 | 位置重复精度 Repeatability (mm) | ±0.02/±0.01                         |       |       |
|              | 螺杆导程 Ball Screw Lead (mm) | 5                                   | 10    | 25    |
|              | 最高速度 Maximum Speed (mm/s) | ≤250                                | ≤500  | ≤1200 |
|              | 额定负载 Maximum Payload (kg) | ≤1500                               | ≤2000 | ≤800  |
|              | 标准行程 Stroke/pitch (mm)    | 50-1600/50                          |       |       |
|              | 马达尺寸 Motor Dimension (mm) | 60□ 80□ 86□ 90□ 100□ 110□ 120□ 130□ |       |       |
|              | 滚珠螺杆规格 Ball Screw Spec    | C7/C5 φ25mm                         |       |       |
|              | 感应器 Sensor                | 电子式磁性开关*2<br>Solenoid Switch*2      |       |       |

## 防止回转精度 Anti-rotating Accuracy

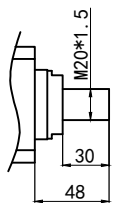
活塞杆的防止回转精度  
Anti-rotating Accuracy of Putter



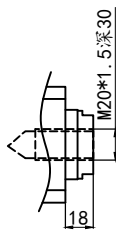
|                                    |
|------------------------------------|
| 防止回转精度 θ<br>Anti-rotating Accuracy |
| ±0.05                              |

## 前端连接方式 Front end connection mode

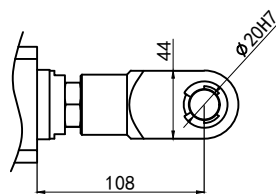
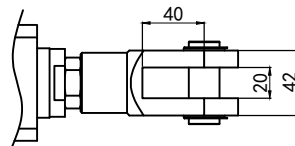
C1 外螺纹  
C1 Male



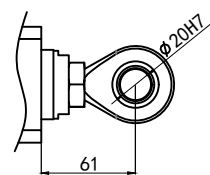
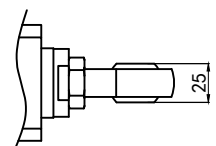
C2 内螺纹  
C2 Female



C3 Y型接头  
C3 Yhing



C4 鱼眼接头  
C4 Joint bearin

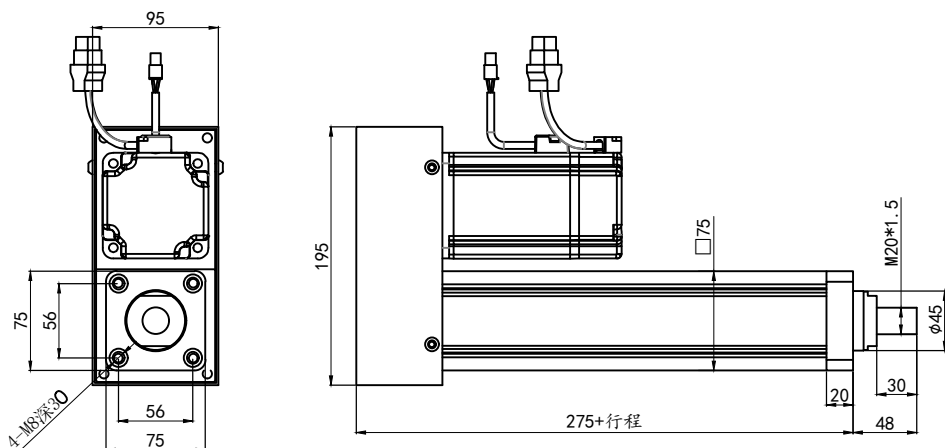


# CMC075 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC075 折返前端盖安装-M1  
CMC075 Transition Front Cap Installation-M1

(单位 Unit: mm)

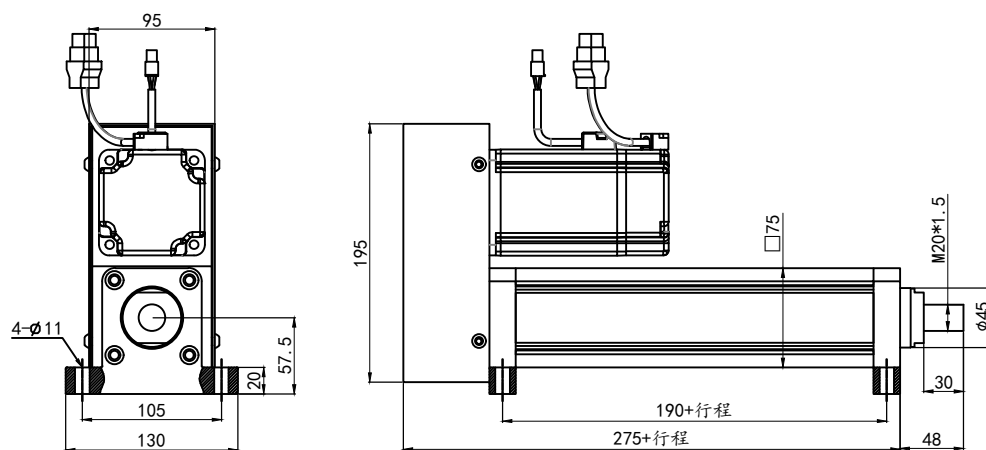


| 有效行程<br>stroke | 标准行程 standard stroke |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100 | 150 | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 8.2                  | 8.8 | 9.4 | 10.0 | 10.6 | 11.2 | 11.8 | 12.4 | 13.0 | 13.6 | 14.2 | 14.8 | 15.4 | 16.0 | 16.6 | 17.2 | 17.8 | 18.4 | 19.0 | 19.6 | 20.8 | 22.0 | 23.2 | 24.4 | 25.6 | 26.8 |

备注1: 行程每增加50mm, 重量增加0.6kg    When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC075 折返侧面安装-M2  
CMC075 Transition Side Installation-M2

(单位 Unit: mm)



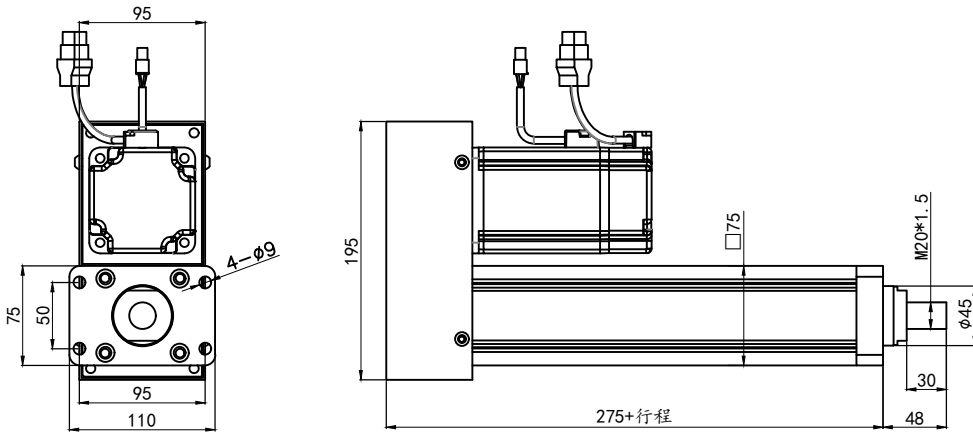
| 有效行程<br>stroke | 标准行程 standard stroke |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100 | 150 | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 8.4                  | 9.0 | 9.6 | 10.2 | 10.8 | 11.4 | 12.0 | 12.6 | 13.2 | 13.8 | 14.4 | 15.0 | 15.6 | 16.2 | 16.8 | 17.4 | 18.0 | 18.6 | 19.2 | 19.8 | 21.0 | 22.2 | 23.4 | 24.6 | 25.8 | 27.0 |

备注1: 行程每增加50mm, 重量增加0.6kg    When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# 伺服电动缸

**CMC075 折返前法兰安装-M3**  
CMC075 Transition Flange Installation-M3

(单位 Unit: mm)

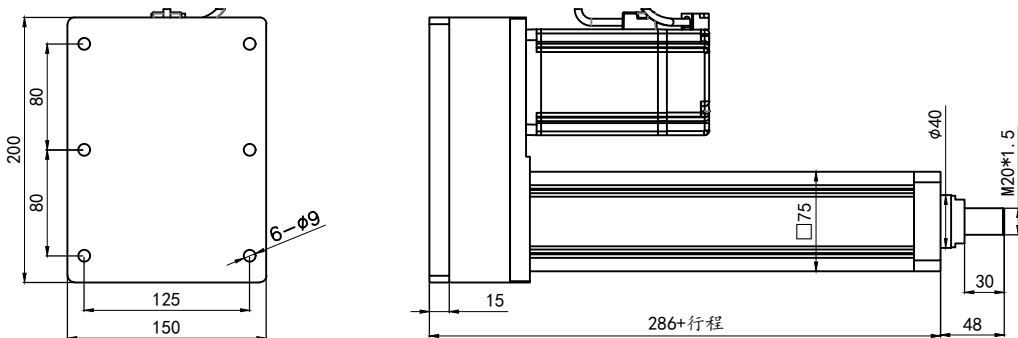


| 有效行程<br>stroke | 标准行程 standard stroke |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100 | 150 | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 8.2                  | 8.8 | 9.4 | 10.0 | 10.6 | 11.2 | 11.8 | 12.4 | 13.0 | 13.6 | 14.2 | 14.8 | 15.4 | 16.0 | 16.6 | 17.2 | 17.8 | 18.4 | 19.0 | 19.6 | 20.8 | 22.0 | 23.2 | 24.4 | 25.6 | 26.8 |

备注1: 行程每增加50mm, 重量增加0.6kg    When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

**CMC075 折返后法兰安装-M4**  
CMC075 Transition backFlange Installation-M4

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100 | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 8.9                  | 9.5 | 11.1 | 10.7 | 11.3 | 11.9 | 12.5 | 13.1 | 13.7 | 14.3 | 14.9 | 15.5 | 16.1 | 16.7 | 17.3 | 17.9 | 18.5 | 19.1 | 19.7 | 20.3 | 21.5 | 22.7 | 23.9 | 25.1 | 26.3 | 27.5 |

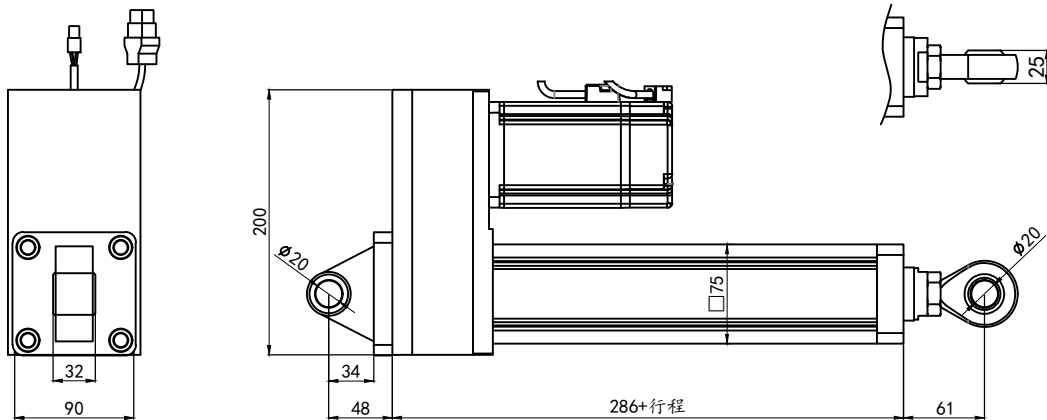
备注1: 行程每增加50mm, 重量增加0.6kg    When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# CMC075 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC075 折返单耳环安装 - M5-C4  
CMC075 Transition Single earring installation-M5-C4

(单位 Unit: mm)

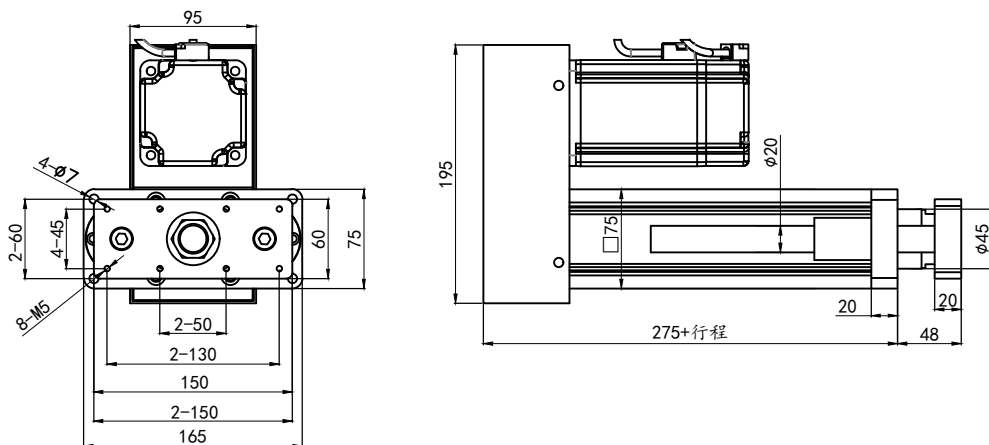


| 有效行程<br>stroke | 标准行程 standard stroke |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100 | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 8.9                  | 9.5 | 11.1 | 10.7 | 11.3 | 11.9 | 12.5 | 13.1 | 13.7 | 14.3 | 14.9 | 15.5 | 16.1 | 16.7 | 17.3 | 17.9 | 18.5 | 19.1 | 19.7 | 20.3 | 21.5 | 22.7 | 23.9 | 25.1 | 26.3 | 27.5 |

备注1: 行程每增加50mm, 重量增加0.6kg    When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC075 折返前导向安装 - M3-C5  
CMC075 Transition Front guide installation-M3-C5

(单位 Unit: mm)



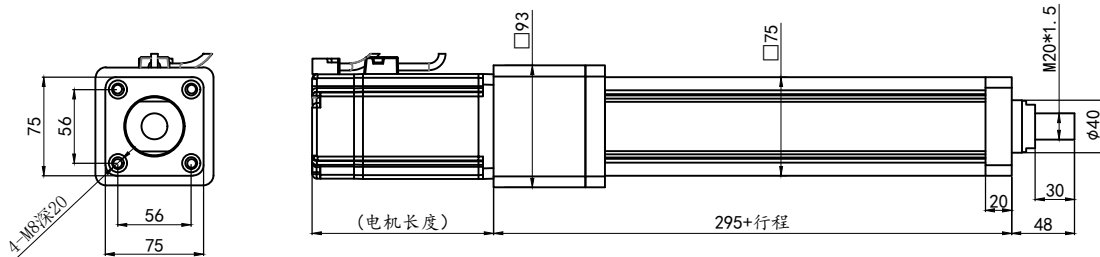
| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 10.05                | 10.65 | 11.25 | 11.85 | 12.45 | 13.05 | 13.65 | 14.25 | 14.85 | 15.45 | 16.05 | 16.65 | 17.25 | 17.85 | 18.45 | 19.05 | 19.65 | 20.25 | 20.85 | 21.45 | 22.65 | 23.85 | 25.05 | 26.25 | 27.45 | 28.65 |

备注1: 行程每增加50mm, 重量增加0.6kg    When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# 伺服电动缸

CMC075直连前端盖安装-M1  
CMC075 Direct Front Cap Installation-M1

(单位 Unit: mm)

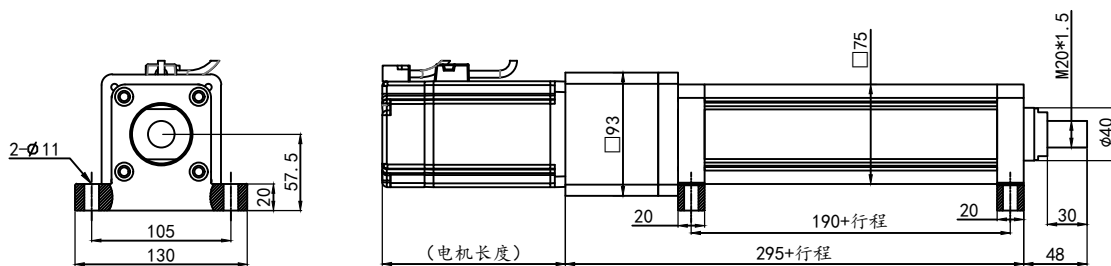


| 有效行程<br>stroke | 标准行程 standard stroke |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100 | 150 | 200 | 250 | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 7.2                  | 7.8 | 8.4 | 9.0 | 9.6 | 10.2 | 10.8 | 11.4 | 12.0 | 12.6 | 13.2 | 13.8 | 14.4 | 15.0 | 15.6 | 16.2 | 16.8 | 17.4 | 18.0 | 18.6 | 19.8 | 21.0 | 22.2 | 23.4 | 24.6 | 25.8 |

备注1: 行程每增加50mm, 重量增加0.6kg    When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC075直连侧面安装-M2  
CMC075 Direct Side Installation-M2

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 8.02                 | 8.62 | 9.22 | 9.82 | 10.42 | 11.02 | 11.62 | 12.22 | 12.82 | 13.42 | 14.02 | 14.62 | 15.22 | 15.82 | 16.42 | 17.02 | 17.62 | 18.22 | 18.82 | 19.42 | 20.62 | 21.82 | 23.02 | 24.22 | 25.42 | 26.62 |

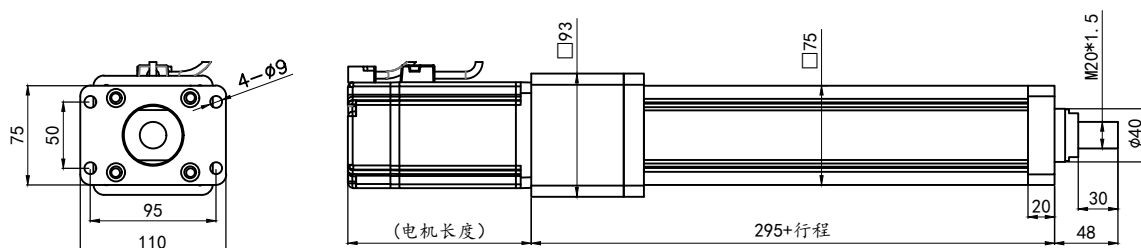
备注1: 行程每增加50mm, 重量增加0.6kg    When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# CMC075 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC075直连前法兰安装-M3  
CMC075 Direct Flange Installation-M3

(单位 Unit: mm)

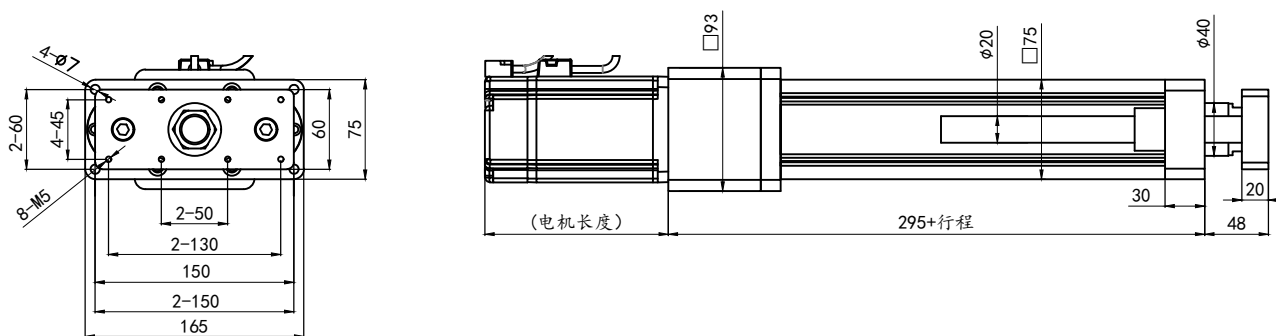


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |       |
|----------------|----------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200 | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 7.14                 | 7.74 | 8.34 | 8.94 | 9.24 | 9.84 | 10.44 | 11.64 | 12.24 | 12.84 | 13.44 | 14.04 | 14.64 | 15.24 | 15.84 | 16.44 | 17.04 | 17.64 | 18.24 | 18.84 | 20.04 | 2.74 | 21.24 | 21.84 | 22.44 | 23.04 |

备注1: 行程每增加50mm, 重量增加0.6kg When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

CMC075直连前导向安装-M3-C5  
CMC075 Direct Front guide installation-M3-C5

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100  | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 9.05                 | 9.65 | 10.25 | 10.85 | 11.45 | 12.05 | 12.65 | 13.25 | 13.85 | 14.45 | 15.05 | 15.65 | 16.25 | 16.85 | 17.45 | 18.05 | 18.65 | 19.25 | 19.85 | 20.45 | 21.65 | 22.85 | 24.05 | 25.25 | 26.45 | 27.65 |

备注1: 行程每增加50mm, 重量增加0.6kg When the stroke increases by 50 mm, the weight increases by 0.6 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

# CMC095 单轴 1-axis

## 螺杆驱动 Ball Screw Drive



**最大行程** 1600mm  
Maximum stroke

**最高速度** 1600mm/s  
Maximum speed

**马达尺寸** ≤130□  
Motor Dimension

**滚珠螺杆** φ32mm  
Ball Screw

型号表示方式 Ordering Method

### CMC095-S100-D10 - B - M3 - C1 - 2 - 1500W - N5

| 系列型号<br>Model | 行程<br>Stroke | 导程<br>Lead range | 马达安装方式<br>Motor installation type | 安装方式<br>Installation type    | 前端接头<br>Connection         | 限位开关<br>Limit switch | 电机功率<br>Motor power | 速比<br>Ratio |
|---------------|--------------|------------------|-----------------------------------|------------------------------|----------------------------|----------------------|---------------------|-------------|
|               | 50-1600      | D05              | A-直连安装<br>A-Direct                | M1-前端盖<br>M1-Front end cover | C1-外螺纹<br>C1-Male thread   | 默认2个<br>2 by default | 0750W: 750瓦         | 忽略: 无速比     |
|               |              | D10              | B-折返安装<br>B-Transit               | M2-侧面<br>M2-Side             | C2-内螺纹<br>C2-Female thread | 3: 3个                | 1000W: 1000瓦        | 3: 减速比3     |
|               |              | D20              |                                   | M3-前法兰<br>M3-Front flange    | C3-Y型接头<br>C3-Y hinge      | 4: 4个                | 1500W: 1500瓦        | 5: 减速比5     |
|               |              | D32              |                                   | M4-后法兰<br>M4-Back flange     | C4-鱼眼接头<br>C4-Joint bearin |                      | 2000W: 2000瓦        | 10: 减速比10   |
|               |              |                  |                                   | M5-单耳环<br>M5-Single ring     | C5-前导向<br>C5-Front or      |                      | 3000W: 3000瓦        | .....       |
|               |              |                  |                                   | M6-双耳环<br>M6-Double ring     |                            |                      | .....               | .....       |
|               |              |                  |                                   | M7-耳轴<br>M7-Trunnion         |                            |                      | .....               | .....       |



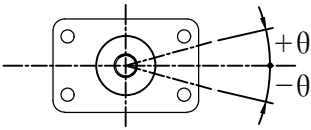
# 伺服电动缸

## 基本参数 Specification

|              |                           |                                      |       |       |       |
|--------------|---------------------------|--------------------------------------|-------|-------|-------|
| CMC095<br>系列 | 位置重复精度 Repeatability (mm) | ±0.02/±0.01                          |       |       |       |
|              | 螺杆导程 Ball Screw Lead (mm) | 5                                    | 10    | 20    | 32    |
|              | 最高速度 Maximum Speed (mm/s) | ≤250                                 | ≤500  | ≤1000 | ≤1600 |
|              | 额定负载 Maximum Payload (kg) | ≤1500                                | ≤3000 | ≤1600 | ≤1100 |
|              | 标准行程 Stroke/pitch (mm)    | 50-1600/50                           |       |       |       |
|              | 马达尺寸 Motor Dimension (mm) | 60□ 86□ 90□ 100□ 110□ 120□ 130□ 180□ |       |       |       |
|              | 滚珠螺杆规格 Ball Screw Spec    | C7/C5 φ32mm                          |       |       |       |
|              | 感应器 Sensor                | 电子式磁性开关*2<br>Solenoid Switch*2       |       |       |       |

## 防止回转精度 Anti-rotating Accuracy

活塞杆的防止回转精度  
Anti-rotating Accuracy of Putter

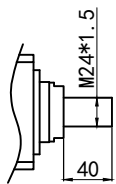


防止回转精度 θ  
Anti-rotating Accuracy

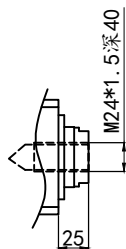
±0.05

## 前端连接方式 Front end connection mode

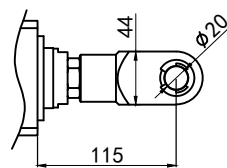
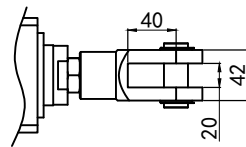
C1 外螺纹  
C1 Male



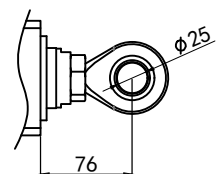
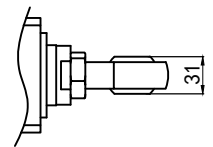
C2 内螺纹  
C2 Female



C3 Y型接头  
C3 Yhinge



C4 鱼眼接头  
C4 Joint bear in

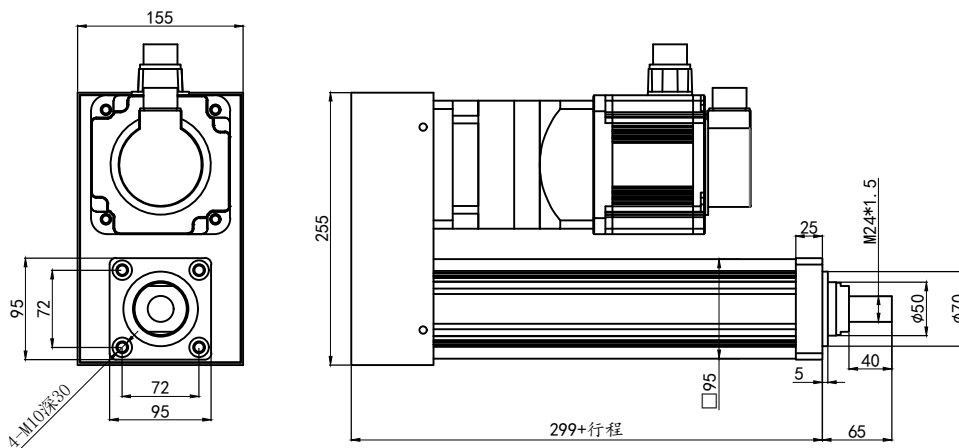


# CMC095 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC095 折返前端盖安装-M1  
CMC095 Transition Front Cap Installation-M1

(单位 Unit: mm)

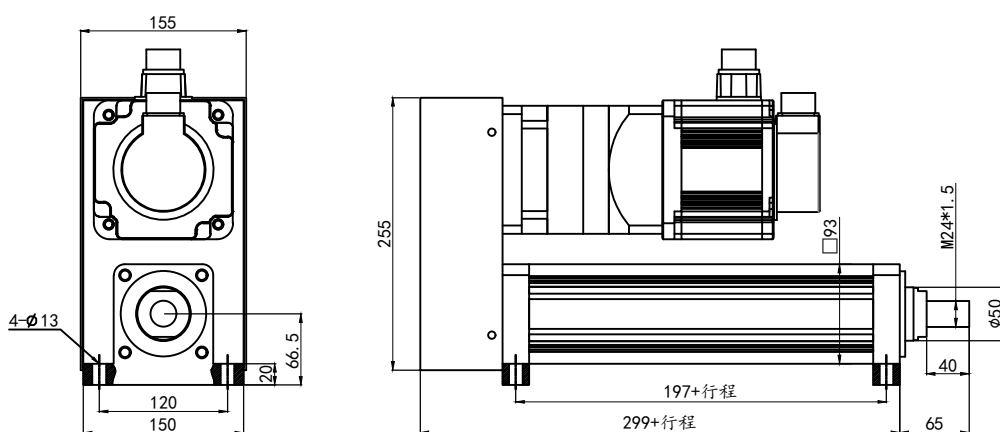


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 13.4                 | 14.4 | 15.4 | 16.4 | 17.4 | 18.4 | 19.4 | 20.4 | 21.4 | 22.4 | 23.4 | 24.4 | 25.4 | 26.4 | 27.4 | 28.4 | 29.4 | 30.4 | 31.4 | 32.4 | 34.4 | 36.4 | 38.4 | 40.4 | 42.4 | 44.4 |

备注1: 行程每增加50mm, 重量增加1.0kg When the stroke increases by 50 mm, the weight increases by 1.0 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

CMC095 折返侧面安装-M2  
CMC095 Transition Side Installation-M2

(单位 Unit: mm)



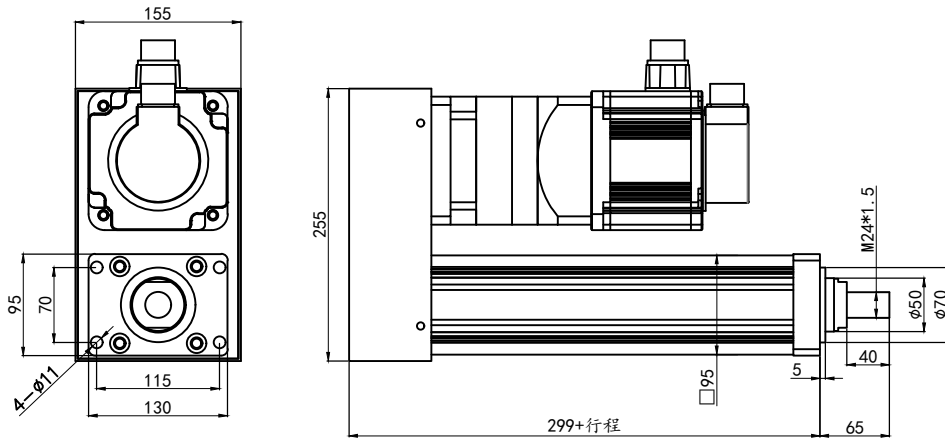
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 15.5                 | 16.5 | 17.5 | 18.5 | 18.5 | 20.5 | 21.5 | 22.5 | 23.5 | 24.5 | 25.5 | 26.5 | 27.5 | 29.5 | 31.5 | 32.5 | 33.5 | 34.5 | 35.5 | 36.5 | 38.5 | 40.5 | 42.5 | 44.5 | 46.5 | 48.5 |

备注1: 行程每增加50mm, 重量增加1.0kg When the stroke increases by 50 mm, the weight increases by 1.0 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

# 伺服电动缸

**CMC095 折返前法兰安装-M3**  
CMC095 Transition Flange Installation-M3

(单位 Unit: mm)

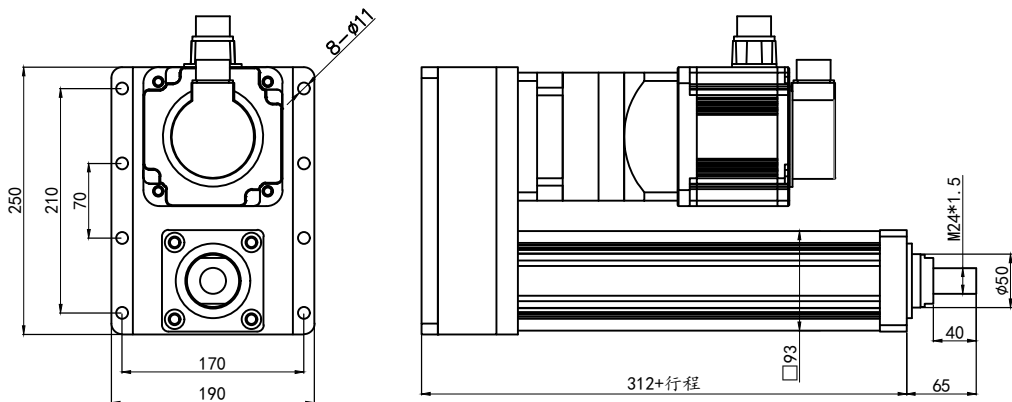


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 13.9                 | 14.9 | 15.9 | 16.9 | 17.9 | 18.9 | 19.9 | 20.9 | 21.9 | 22.9 | 23.9 | 24.9 | 25.9 | 26.9 | 27.9 | 28.9 | 29.9 | 30.9 | 31.9 | 32.9 | 34.9 | 36.9 | 38.9 | 40.9 | 42.9 | 44.9 |

备注1: 行程每增加50mm, 重量增加1.0kg      When the stroke increases by 50 mm, the weight increases by 1.0kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

**CMC095 折返后法兰安装-M4**  
CMC095 Transition backFlange Installation-M4

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 14.8                 | 15.8 | 16.8 | 17.8 | 18.8 | 19.8 | 20.8 | 21.8 | 22.8 | 23.8 | 24.8 | 25.8 | 26.8 | 27.8 | 28.8 | 29.8 | 30.8 | 31.8 | 32.8 | 33.8 | 35.8 | 37.8 | 39.8 | 41.8 | 43.8 | 45.8 |

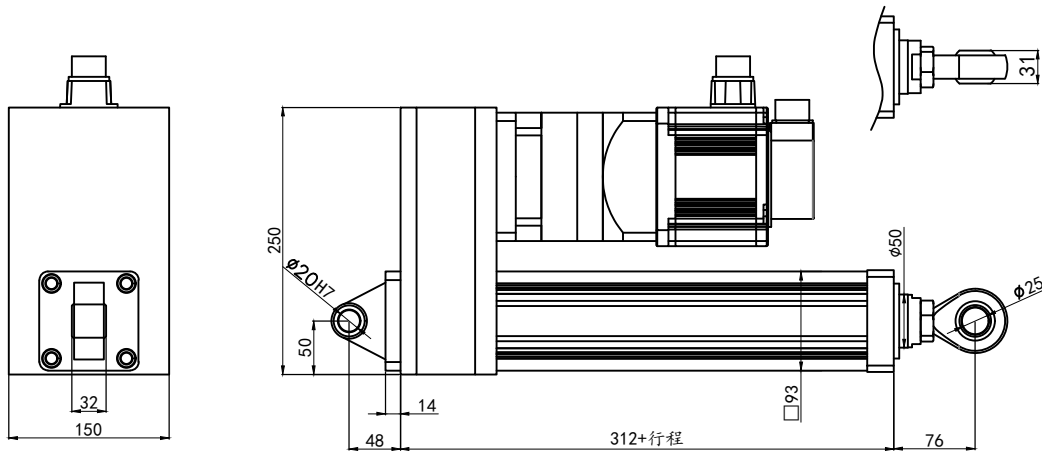
备注1: 行程每增加50mm, 重量增加1.0kg      When the stroke increases by 50 mm, the weight increases by 1.0 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

# CMC095 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC095 折返单耳环安装 - M5-C4  
CMC095 Transition Single earring installation-M5-C4

(单位 Unit: mm)

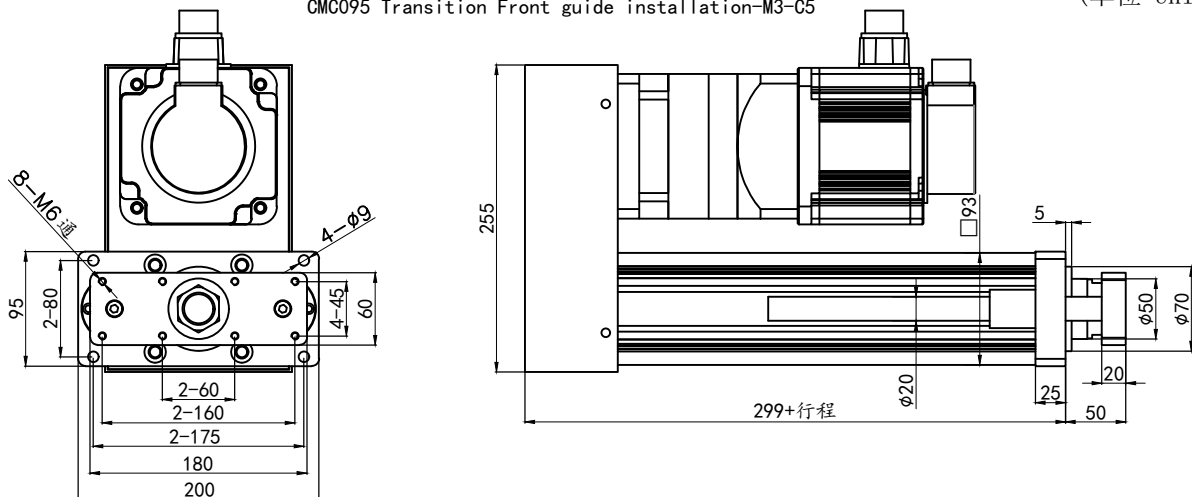


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 15.7                 | 16.7 | 17.7 | 18.7 | 19.7 | 20.7 | 21.7 | 22.7 | 23.7 | 24.7 | 25.7 | 26.7 | 27.7 | 28.7 | 29.7 | 30.7 | 31.7 | 32.7 | 33.7 | 34.7 | 36.7 | 38.7 | 40.7 | 42.7 | 44.7 | 46.7 |

备注1: 行程每增加50mm, 重量增加1.0kg When the stroke increases by 50 mm, the weight increases by 1.0 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

CMC095 折返前导向安装 - M3-C5  
CMC095 Transition Front guide installation-M3-C5

(单位 Unit: mm)



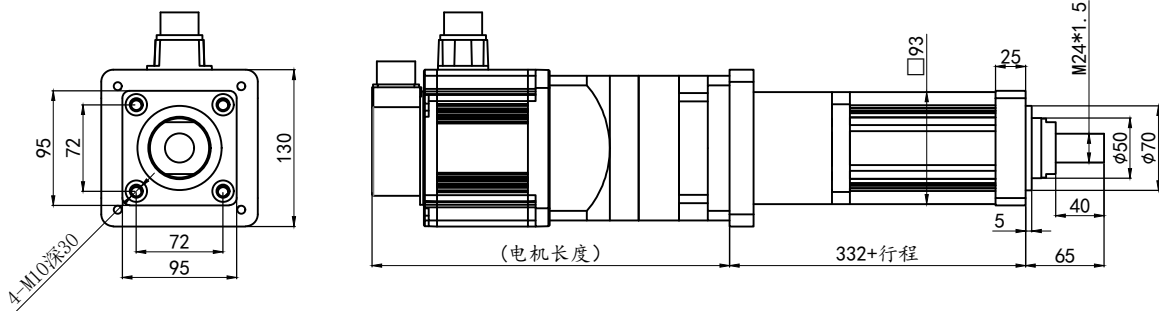
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 17.4                 | 18.4 | 19.4 | 20.4 | 21.4 | 22.4 | 23.4 | 24.4 | 25.4 | 26.4 | 27.4 | 28.4 | 30.4 | 32.4 | 34.4 | 36.4 | 38.4 | 40.4 | 42.4 | 44.4 | 48.4 | 50.4 | 52.4 | 54.4 | 56.4 | 58.4 |

备注1: 行程每增加50mm, 重量增加1.0kg When the stroke increases by 50 mm, the weight increases by 1.0 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

# 伺服电动缸

CMC095直连前端盖安装-M1  
CMC095 Direct Front Cap Installation-M1

(单位 Unit: mm)

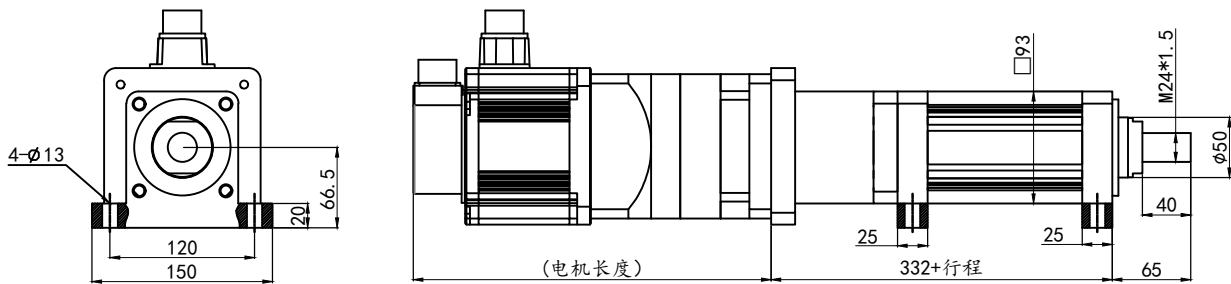


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 13.4                 | 14.4 | 15.4 | 16.4 | 17.4 | 18.4 | 19.4 | 20.4 | 21.4 | 22.4 | 23.4 | 24.4 | 25.4 | 26.4 | 27.4 | 28.4 | 29.4 | 30.4 | 31.4 | 32.4 | 34.4 | 36.4 | 38.4 | 40.4 | 42.4 | 44.4 |

备注1: 行程每增加50mm, 重量增加1.0kg    When the stroke increases by 50 mm, the weight increases by 1.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC095直连侧面安装-M2  
CMC095 Direct Side Installation-M2

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 17.4                 | 18.4 | 19.4 | 20.4 | 21.4 | 22.4 | 23.4 | 24.4 | 25.4 | 26.4 | 27.4 | 28.4 | 30.4 | 32.4 | 34.4 | 36.4 | 38.4 | 40.4 | 42.4 | 44.4 | 48.4 | 50.4 | 52.4 | 54.4 | 56.4 | 58.4 |

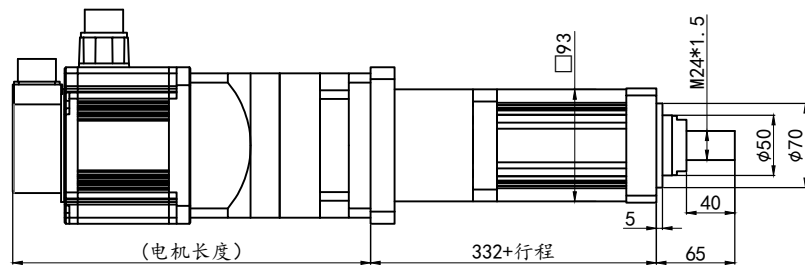
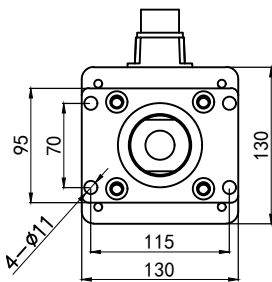
备注1: 行程每增加50mm, 重量增加1.0kg    When the stroke increases by 50 mm, the weight increases by 1.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# CMC095 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC095直连前法兰安装-M3  
CMC095 Direct Flange Installation-M3

(单位 Unit: mm)

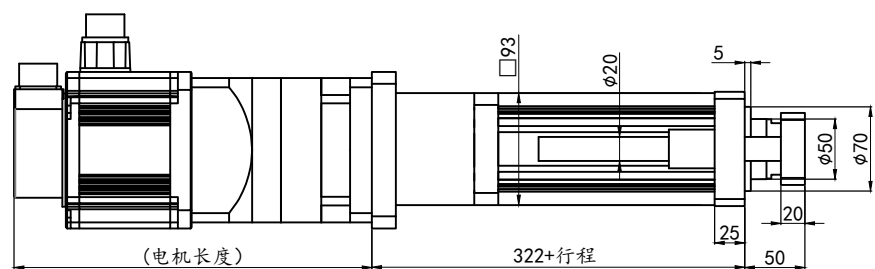
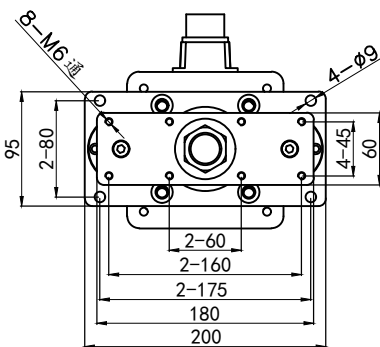


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 17.4                 | 18.4 | 19.4 | 20.4 | 21.4 | 22.4 | 23.4 | 24.4 | 25.4 | 26.4 | 27.4 | 28.4 | 30.4 | 32.4 | 34.4 | 36.4 | 38.4 | 40.4 | 42.4 | 44.4 | 48.4 | 50.4 | 52.4 | 54.4 | 56.4 | 58.4 |

备注1: 行程每增加50mm, 重量增加1.0kg    When the stroke increases by 50 mm, the weight increases by 1.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC095直连前导向安装-M3-C5  
CMC095 Direct Front guide installation-M3-C5

(单位 Unit: mm)

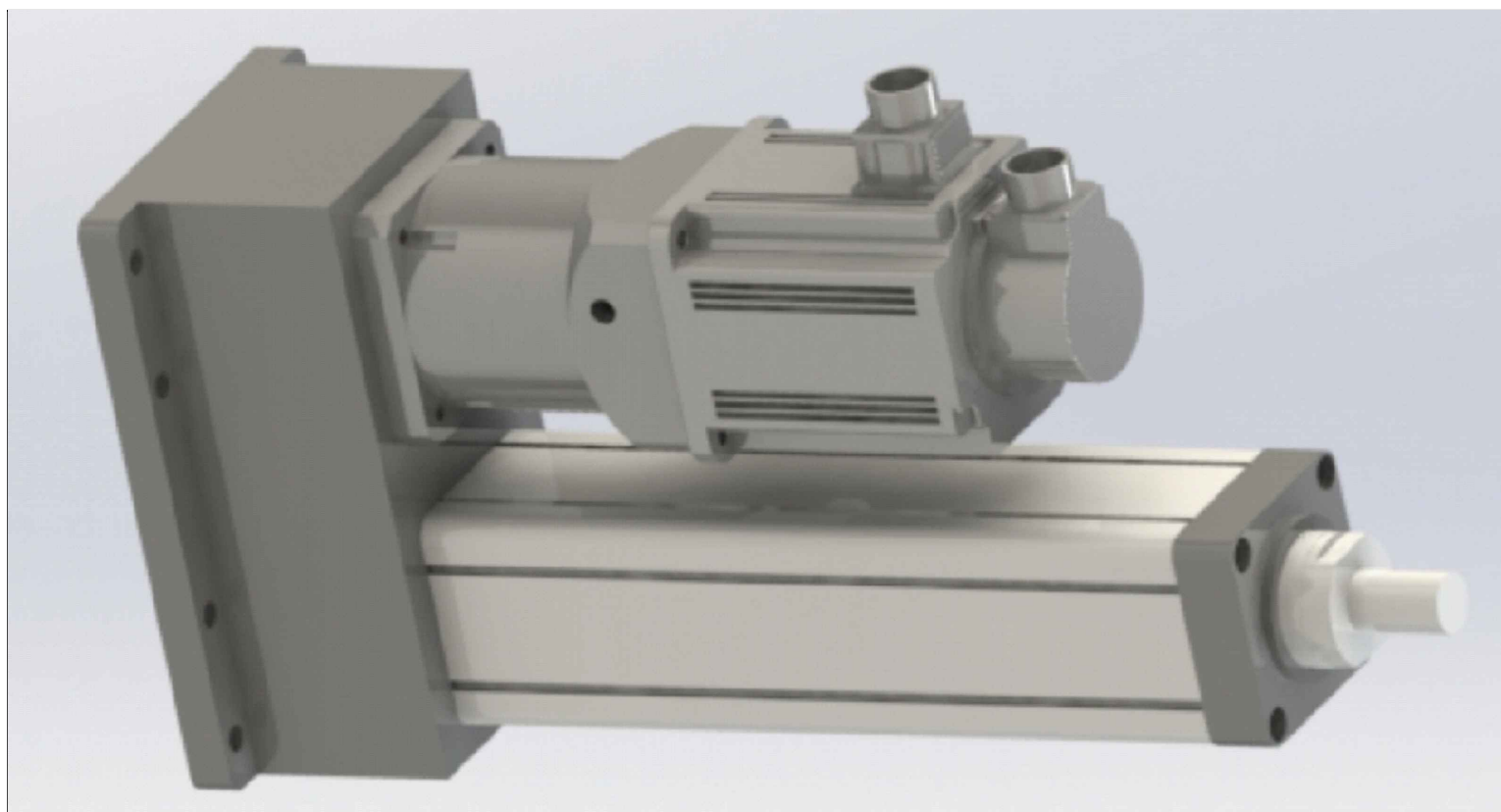


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 850  | 900  | 950  | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 |
| Weight (kg)    | 17.4                 | 18.4 | 19.4 | 20.4 | 21.4 | 22.4 | 23.4 | 24.4 | 25.4 | 26.4 | 27.4 | 28.4 | 30.4 | 32.4 | 34.4 | 36.4 | 38.4 | 40.4 | 42.4 | 44.4 | 48.4 | 50.4 | 52.4 | 54.4 | 56.4 | 58.4 |

备注1: 行程每增加50mm, 重量增加1.0kg    When the stroke increases by 50 mm, the weight increases by 1.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# CMC 110 单轴 1-axis

## 螺杆驱动 Ball Screw Drive



|                               |        |                              |          |                                |       |                           |       |
|-------------------------------|--------|------------------------------|----------|--------------------------------|-------|---------------------------|-------|
| <b>最大行程</b><br>Maximum stroke | 1600mm | <b>最高速度</b><br>Maximum speed | 1000mm/s | <b>马达尺寸</b><br>Motor Dimension | ≤180□ | <b>滚珠螺杆</b><br>Ball Screw | φ40mm |
|-------------------------------|--------|------------------------------|----------|--------------------------------|-------|---------------------------|-------|

型号表示方式 Ordering Method

### CMC110-S100-D10 - B - M3 - C1 - 2 - 2000W - N5

| 系列型号<br>Model | 行程<br>Stroke | 导程<br>Lead range | 马达安装方式<br>Motor Installation type             | 安装方式<br>Installation type   | 前端接头<br>Connection  | 限位开关<br>Limit switch                           | 电机功率<br>Motor power  | 速比<br>Ratio   |
|---------------|--------------|------------------|---|---|---|--|--|---|
|               | 50-1600      | D10<br><br>D20   | A-直连安装<br>A-Direct<br><br>B-折返安装<br>B-Transit | M1-前端盖<br>M1-Front end cover<br>M2-侧面<br>M2-Side<br>M3-前法兰<br>M3-Front flange<br>M4-后法兰<br>M4-Back flange<br>M5-单耳环<br>M5-Single ring<br>M6-双耳环<br>M6-Double ring<br>M7-耳轴<br>M7-Trunnion | C1-外螺纹<br>C1-Male thread<br><br>C2-内螺纹<br>C2-Female thread<br><br>C3-Y型接头<br>C3-Y hinge<br><br>C4-鱼眼接头<br>C4-Joint bearing<br><br>C5-前导向<br>C5-Front or | 默认2个<br>2 by default<br><br>3: 3个<br><br>4: 4个 | 0750W: 750瓦<br><br>1000W: 1000瓦<br><br>1500W: 1500瓦<br><br>2000W: 2000瓦<br><br>3000W: 3000瓦<br><br>..... | 忽略: 无速比<br><br>3: 减速比3<br><br>5: 减速比5<br><br>10: 减速比10<br><br>..... |

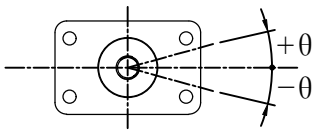
# 伺服电动缸

## 基本参数 Specification

|              |                           |                                |       |
|--------------|---------------------------|--------------------------------|-------|
| CMC110<br>系列 | 位置重复精度 Repeatability (mm) | ±0.02/±0.01                    |       |
|              | 螺杆导程 Ball Screw Lead (mm) | 10                             | 20    |
|              | 最高速度 Maximum Speed (mm/s) | ≤500                           | ≤1000 |
|              | 额定负载 Maximum Payload (kg) | ≤5000                          | ≤3500 |
|              | 标准行程 Stroke/pitch (mm)    | 50-1600/50                     |       |
|              | 马达尺寸 Motor Dimension (mm) | 90□ 120□ 130□ 142□ 180□        |       |
|              | 滚珠螺杆规格 Ball Screw Spec    | C7/C5 φ40mm                    |       |
|              | 感应器 Sensor                | 电子式磁性开关*2<br>Solenoid Switch*2 |       |

## 防止回转精度 Anti-rotating Accuracy

活塞杆的防止回转精度  
Anti-rotating Accuracy of Putter



|                                    |
|------------------------------------|
| 防止回转精度 θ<br>Anti-rotating Accuracy |
| ±0.05                              |

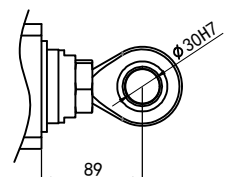
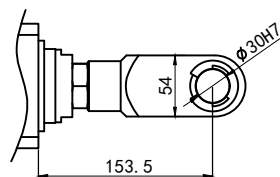
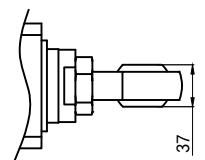
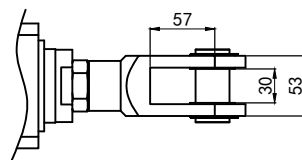
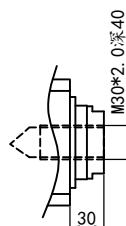
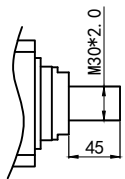
## 前端连接方式 Front end connection mode

C1 外螺纹  
C1 Male

C2 内螺纹  
C2 Female

C3 Y型接头  
C3 Yhinge

C4 鱼眼接头  
C4 Joint bearing



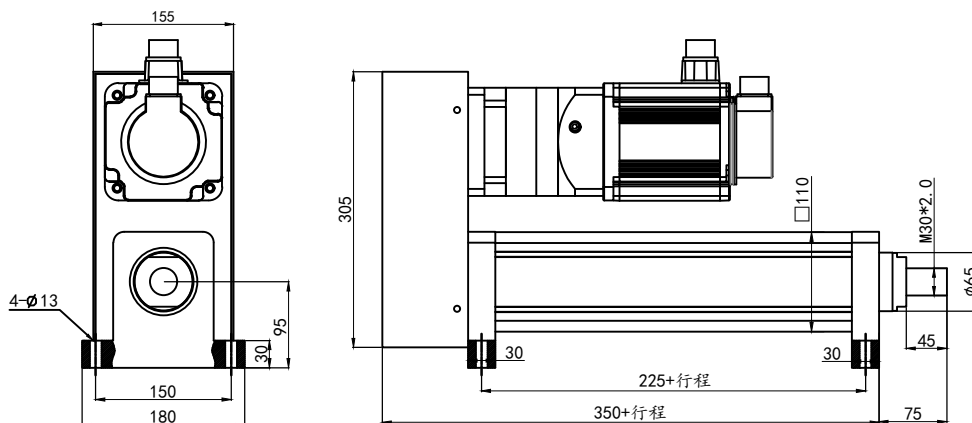


# CMC110 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC110 折返侧面安装-M2  
CMC110 Transition Side Installation-M2

(单位 Unit: mm)

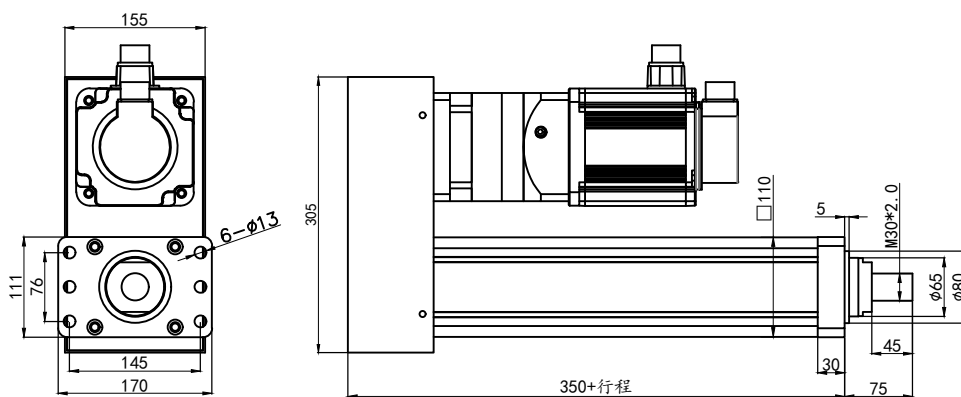


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 16.89                | 18.89 | 20.89 | 22.89 | 24.89 | 26.89 | 28.89 | 30.89 | 32.89 | 34.89 | 36.89 | 38.89 | 40.89 | 42.89 | 44.89 | 46.89 | 48.89 | 50.89 | 52.89 | 54.89 | 58.89 | 62.89 | 66.89 | 70.89 | 74.89 | 76.89 |

备注1: 行程每增加50mm, 重量增加2.0kg    When the stroke increases by 50 mm, the weight increases by 2.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC110 折返前法兰安装-M3  
CMC110 Transition Flange Installation-M3

(单位 Unit: mm)



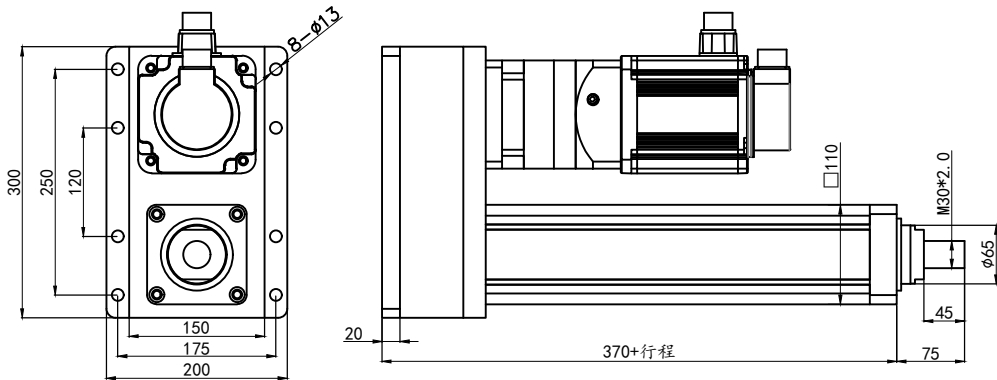
| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 16.89                | 18.89 | 20.89 | 22.89 | 24.89 | 26.89 | 28.89 | 30.89 | 32.89 | 34.89 | 36.89 | 38.89 | 40.89 | 42.89 | 44.89 | 46.89 | 48.89 | 50.89 | 52.89 | 54.89 | 58.89 | 62.89 | 66.89 | 70.89 | 74.89 | 76.89 |

备注1: 行程每增加50mm, 重量增加2.0kg    When the stroke increases by 50 mm, the weight increases by 2.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# 伺服电动缸

CMC110 折返后法兰安装-M4  
CMC110 Transition backFlange Installation-M4

(单位 Unit: mm)

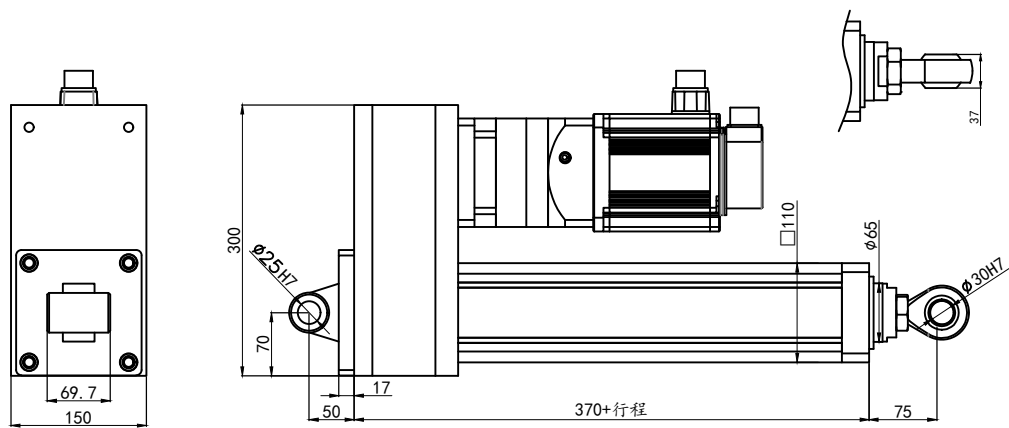


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 17.02                | 19.02 | 21.02 | 23.02 | 25.02 | 27.02 | 29.02 | 31.02 | 33.02 | 35.02 | 37.02 | 39.02 | 41.02 | 43.02 | 45.02 | 47.02 | 49.02 | 51.02 | 53.02 | 55.02 | 59.02 | 63.02 | 67.02 | 71.02 | 75.02 | 77.02 |

备注1: 行程每增加50mm, 重量增加2.0kg    When the stroke increases by 50 mm, the weight increases by 2.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC110 折返单耳环安装-M5-C4  
CMC110 Transition Single earring installation-M5-C4

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 17.02                | 19.02 | 21.02 | 23.02 | 25.02 | 27.02 | 29.02 | 31.02 | 33.02 | 35.02 | 37.02 | 39.02 | 41.02 | 43.02 | 45.02 | 47.02 | 49.02 | 51.02 | 53.02 | 55.02 | 59.02 | 63.02 | 67.02 | 71.02 | 75.02 | 77.02 |

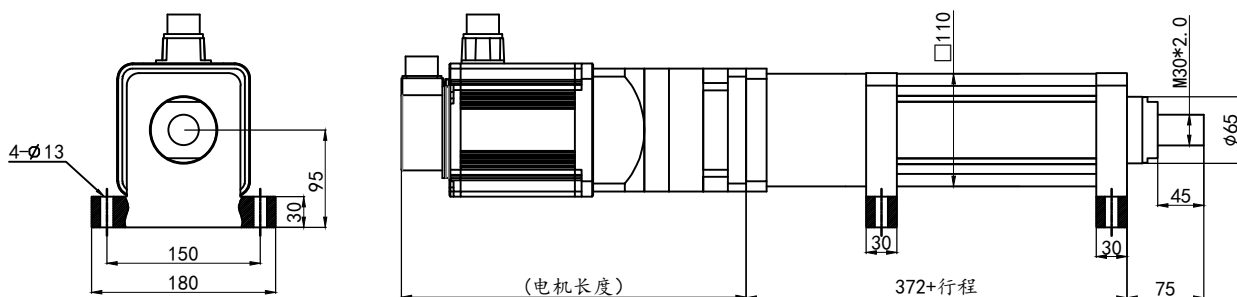
备注1: 行程每增加50mm, 重量增加2.0kg    When the stroke increases by 50 mm, the weight increases by 2.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# CMC110 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC110直连侧面安装-M2  
CMC110 Direct Side Installation-M2

(单位 Unit: mm)

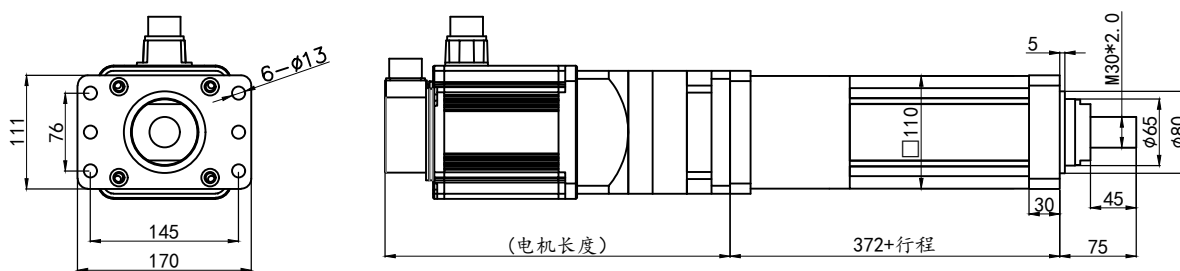


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 16.89                | 18.89 | 20.89 | 22.89 | 24.89 | 26.89 | 28.89 | 30.89 | 32.89 | 34.89 | 36.89 | 38.89 | 40.89 | 42.89 | 44.89 | 46.89 | 48.89 | 50.89 | 52.89 | 54.89 | 58.89 | 62.89 | 66.89 | 70.89 | 74.89 | 76.89 |

备注1: 行程每增加50mm, 重量增加2.0kg    When the stroke increases by 50 mm, the weight increases by 2.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC110直连前法兰安装-M3  
CMC110 Direct Flange Installation-M3

(单位 Unit: mm)

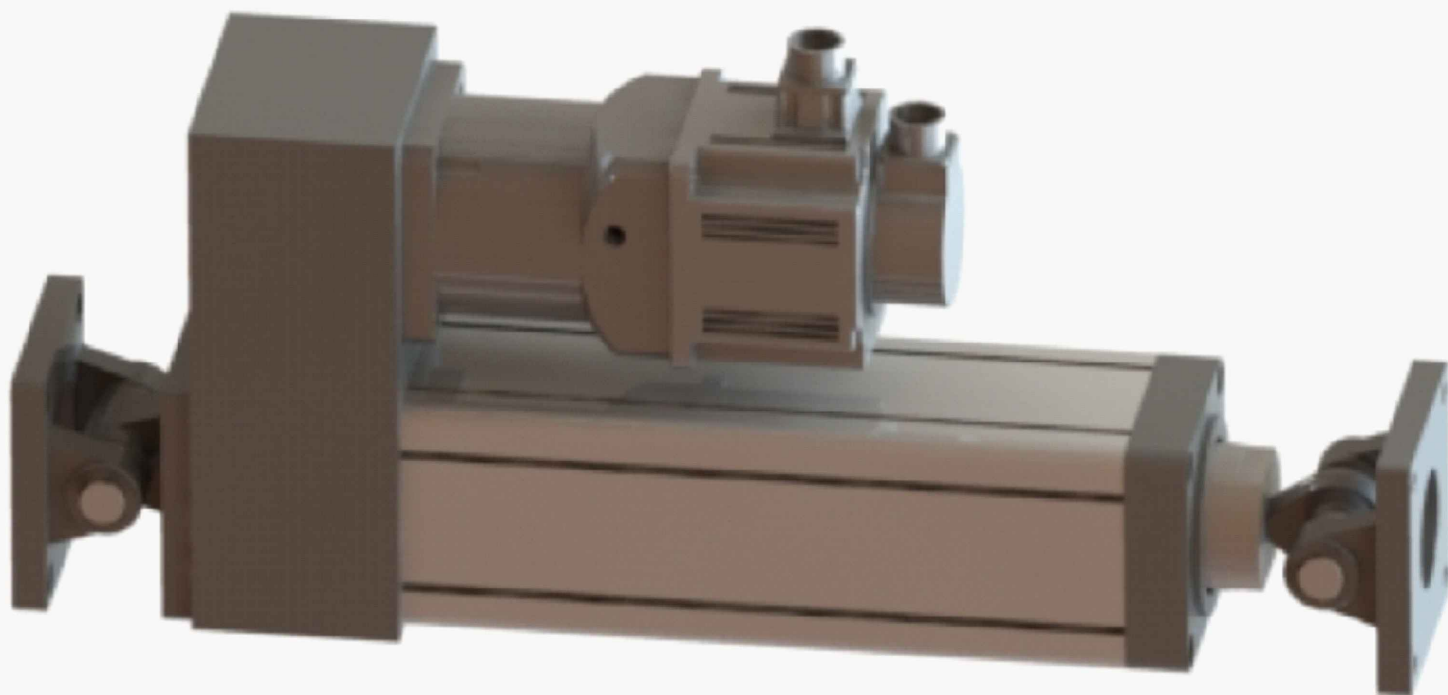


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 16.89                | 18.89 | 20.89 | 22.89 | 24.89 | 26.89 | 28.89 | 30.89 | 32.89 | 34.89 | 36.89 | 38.89 | 40.89 | 42.89 | 44.89 | 46.89 | 48.89 | 50.89 | 52.89 | 54.89 | 58.89 | 62.89 | 66.89 | 70.89 | 74.89 | 76.89 |

备注1: 行程每增加50mm, 重量增加2.0kg    When the stroke increases by 50 mm, the weight increases by 2.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# CMC 135 单轴 1-axis

## 螺杆驱动 Ball Screw Drive



**最大行程** 1600mm  
Maximum stroke

**最高速度** 1000mm/s  
Maximum speed

**马达尺寸** ≤180□  
Motor Dimension

**滚珠螺杆** φ50mm  
Ball Screw

### 型号表示方式 Ordering Method

## CMC135-S100-D10 - B - M3 - C1 - 2 - 2000W - N5

| 系列型号<br>Model | 行程<br>Stroke | 导程<br>Lead range | 马达安装方式<br>Motor Installation type         | 安装方式<br>Installation type   | 前端接头<br>Connection  | 限位开关<br>Limit switch                   | 电机功率<br>Motor power  | 速比<br>Ratio   |
|---------------|--------------|------------------|---|---|---|--|--|---|
|               | 50-1600      | D10<br>D20       | A-直连安装<br>A-Direct<br>B-折返安装<br>B-Transit | M1-前端盖<br>M1-Front end cover<br>M2-侧面<br>M2-Side<br>M3-前法兰<br>M3-Front flange<br>M4-后法兰<br>M4-Back flange<br>M5-单耳环<br>M5-Single ring<br>M6-双耳环<br>M6-Double ring<br>M7-耳轴<br>M7-Trunnion | C1-外螺纹<br>C1-Male thread<br>C2-内螺纹<br>C2-Female thread<br>C3-Y型接头<br>C3-Y hinge<br>C4-鱼眼接头<br>C4-Joint bearing<br>C5-前导向<br>C5-Front or | 默认2个<br>2 by default<br>3: 3个<br>4: 4个 | 0750W: 750瓦<br>1000W: 1000瓦<br>1500W: 1500瓦<br>2000W: 2000瓦<br>3000W: 3000瓦<br>..... | 忽略: 无速比<br>3: 减速比3<br>5: 减速比5<br>10: 减速比10<br>..... |

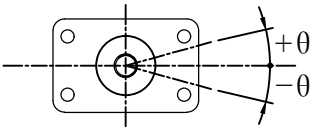
# 伺服电动缸

## 基本参数 Specification

|              |                           |                                |       |
|--------------|---------------------------|--------------------------------|-------|
| CMC135<br>系列 | 位置重复精度 Repeatability (mm) | ±0.02/±0.01                    |       |
|              | 螺杆导程 Ball Screw Lead (mm) | 10                             | 20    |
|              | 最高速度 Maximum Speed (mm/s) | ≤500                           | ≤1000 |
|              | 额定负载 Maximum Payload(kg)  | ≤6000                          | ≤5000 |
|              | 标准行程 Stroke/pitch (mm)    | 50-1600/50                     |       |
|              | 马达尺寸 Motor Dimension (mm) | 90□ 120□ 130□ 142□ 180□        |       |
|              | 滚珠螺杆规格 Ball Screw Spec    | C7/C5 φ50mm                    |       |
|              | 感应器 Sensor                | 电子式磁性开关*2<br>Solenoid Switch*2 |       |

## 防止回转精度 Anti-rotating Accuracy

活塞杆的防止回转精度  
Anti-rotating Accuracy of Putter



|                                    |
|------------------------------------|
| 防止回转精度 θ<br>Anti-rotating Accuracy |
| ±0.05                              |

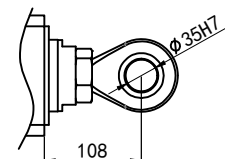
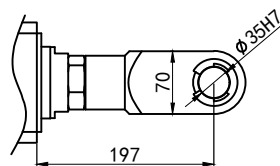
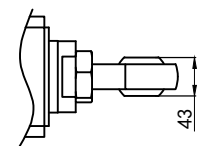
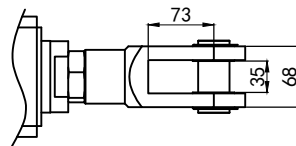
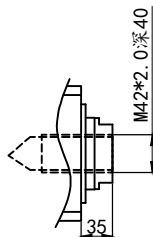
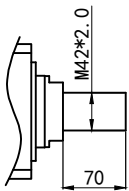
## 前端连接方式 Front end connection mode

C1 外螺纹  
C1 Male

C2 内螺纹  
C2 Female

C3 Y型接头  
C3 Yhinge

C4 鱼眼接头  
C4 Joint bearin

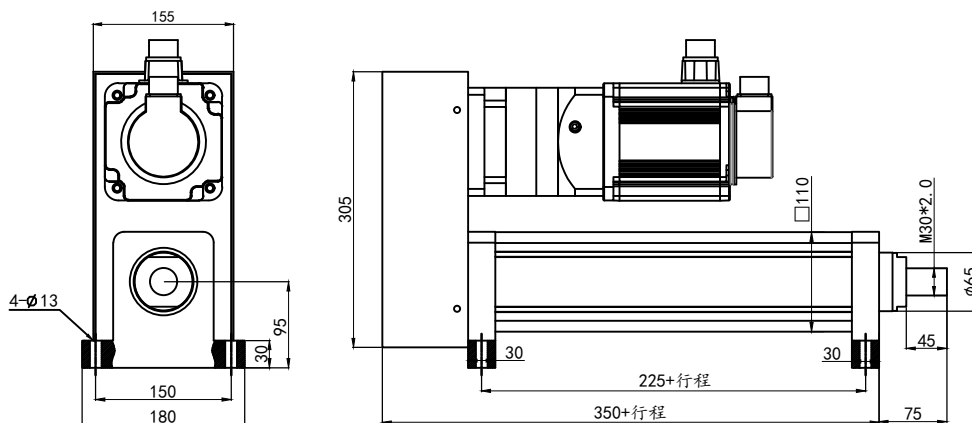


# CMC135 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC135 折返侧面安装-M2  
CMC135 Transition Side Installation-M2

(单位 Unit: mm)

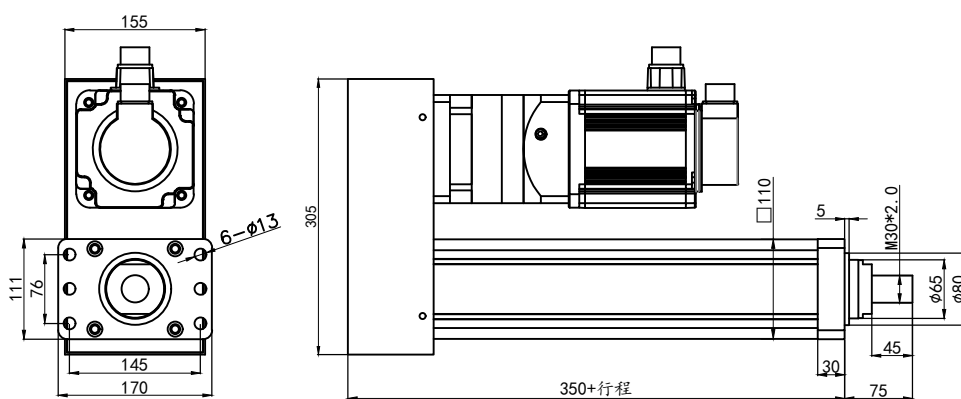


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 30.9                 | 35.9 | 40.9 | 45.9 | 50.9 | 55.9 | 60.9 | 65.9 | 70.9 | 75.9 | 80.9 | 85.9 | 90.9 | 95.9 | 100.9 | 105.9 | 110.9 | 115.9 | 120.9 | 125.9 | 135.9 | 145.9 | 155.9 | 165.9 | 175.9 | 185.9 |

备注1: 行程每增加50mm, 重量增加5.0kg    When the stroke increases by 50 mm, the weight increases by 5.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC135 折返前法兰安装-M3  
CMC135 Transition Flange Installation-M3

(单位 Unit: mm)



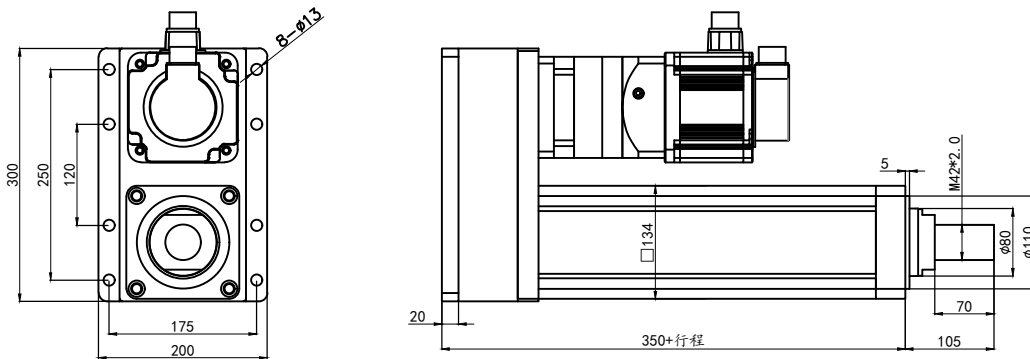
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 30.9                 | 35.9 | 40.9 | 45.9 | 50.9 | 55.9 | 60.9 | 65.9 | 70.9 | 75.9 | 80.9 | 85.9 | 90.9 | 95.9 | 100.9 | 105.9 | 110.9 | 115.9 | 120.9 | 125.9 | 135.9 | 145.9 | 155.9 | 165.9 | 175.9 | 185.9 |

备注1: 行程每增加50mm, 重量增加5.0kg    When the stroke increases by 50 mm, the weight increases by 5.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# 伺服电动缸

CMC135 折返后法兰安装-M4  
CMC135 Transition backFlange Installation-M4

(单位 Unit: mm)

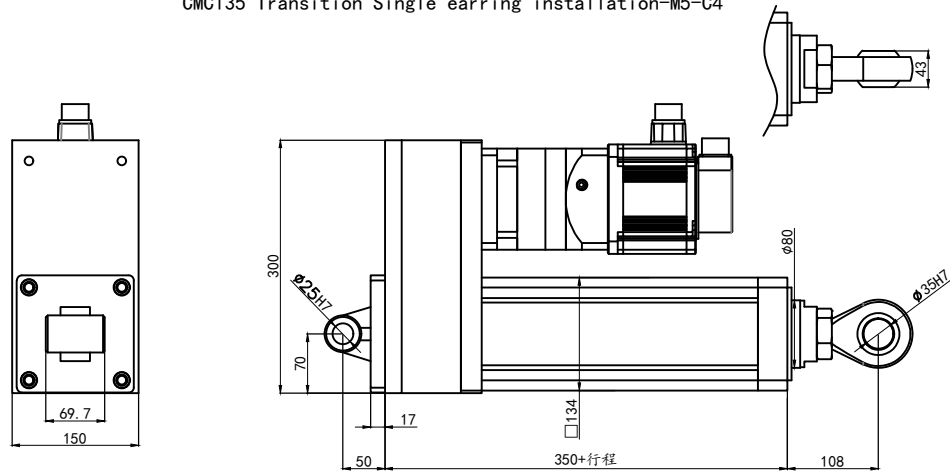


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 30.9                 | 35.9 | 40.9 | 45.9 | 50.9 | 55.9 | 60.9 | 65.9 | 70.9 | 75.9 | 80.9 | 85.9 | 90.9 | 95.9 | 100.9 | 105.9 | 110.9 | 115.9 | 120.9 | 125.9 | 135.9 | 145.9 | 155.9 | 165.9 | 175.9 | 185.9 |

备注1: 行程每增加50mm, 重量增加5.0kg    When the stroke increases by 50 mm, the weight increases by 5.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC135 折返单耳环安装-M5-C4  
CMC135 Transition Single earring installation-M5-C4

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 30.9                 | 35.9 | 40.9 | 45.9 | 50.9 | 55.9 | 60.9 | 65.9 | 70.9 | 75.9 | 80.9 | 85.9 | 90.9 | 95.9 | 100.9 | 105.9 | 110.9 | 115.9 | 120.9 | 125.9 | 135.9 | 145.9 | 155.9 | 165.9 | 175.9 | 185.9 |

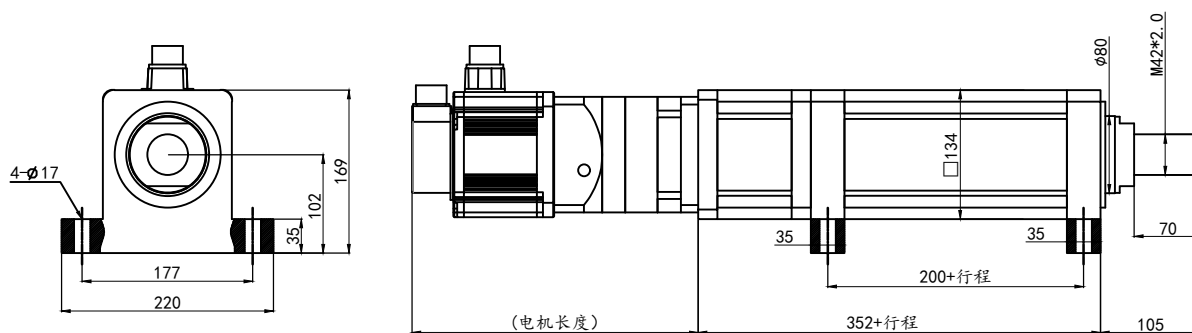
备注1: 行程每增加50mm, 重量增加5.0kg    When the stroke increases by 50 mm, the weight increases by 5.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# CMC135 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC135直连侧面安装-M2  
CMC135 Diret Side Installation-M2

(单位 Unit: mm)

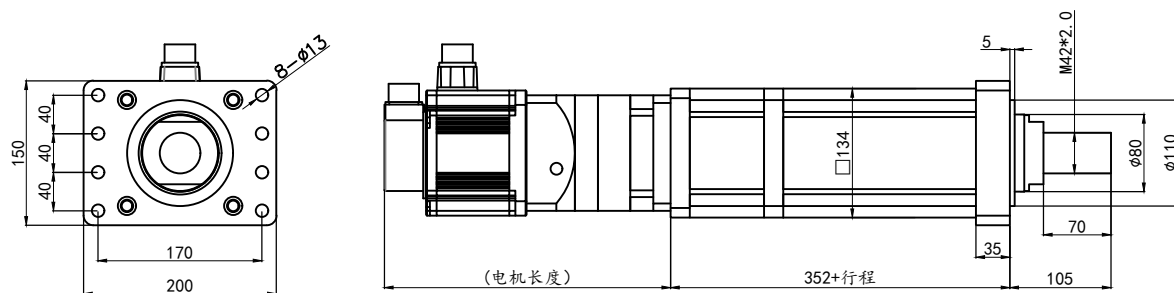


| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 30.9                 | 35.9 | 40.9 | 45.9 | 50.9 | 55.9 | 60.9 | 65.9 | 70.9 | 75.9 | 80.9 | 85.9 | 90.9 | 95.9 | 100.9 | 105.9 | 110.9 | 115.9 | 120.9 | 125.9 | 135.9 | 145.9 | 155.9 | 165.9 | 175.9 | 185.9 |

备注1: 行程每增加50mm, 重量增加5.0kg    When the stroke increases by 50 mm, the weight increases by 5.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC135直连前法兰安装-M3  
CMC135 Diret Flange Installation-M3

(单位 Unit: mm)



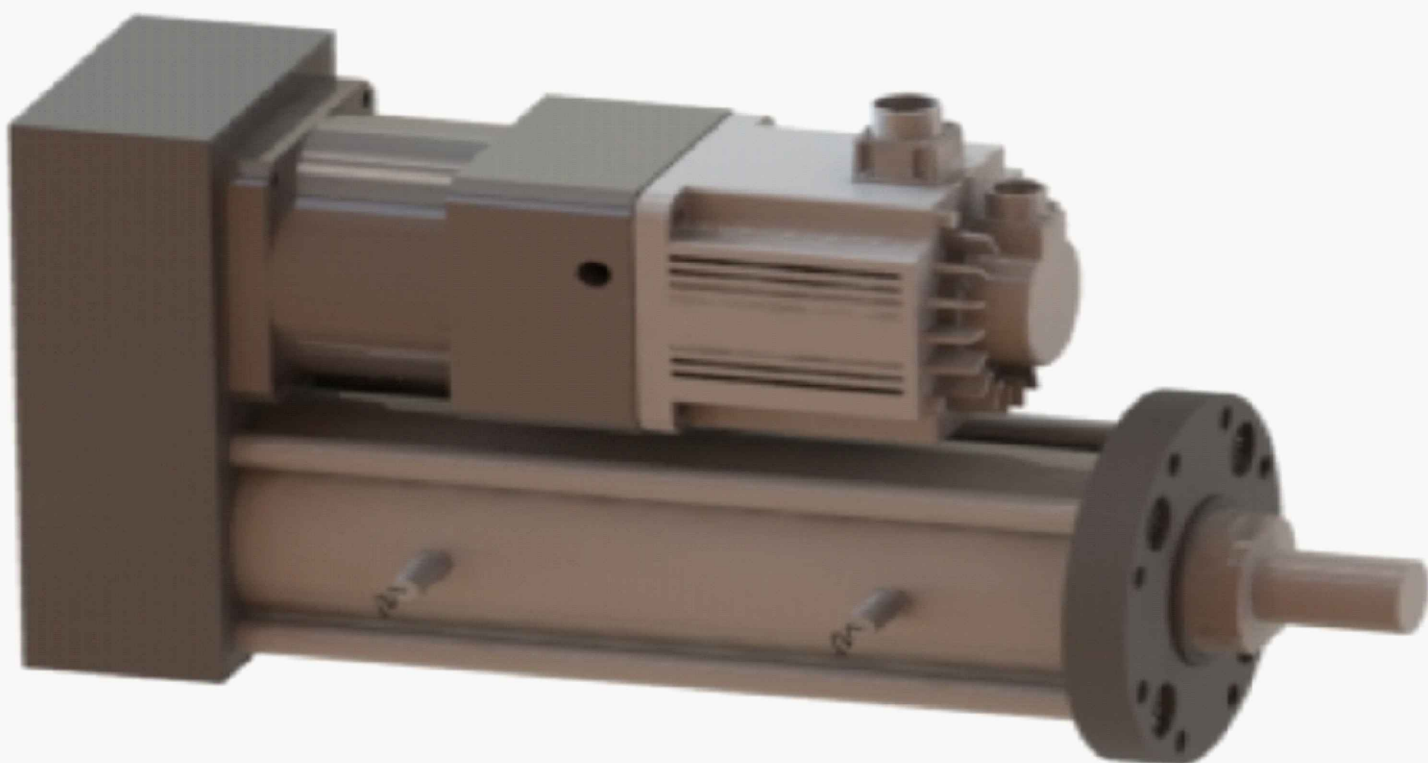
| 有效行程<br>stroke | 标准行程 standard stroke |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 30.9                 | 35.9 | 40.9 | 45.9 | 50.9 | 55.9 | 60.9 | 65.9 | 70.9 | 75.9 | 80.9 | 85.9 | 90.9 | 95.9 | 100.9 | 105.9 | 110.9 | 115.9 | 120.9 | 125.9 | 135.9 | 145.9 | 155.9 | 165.9 | 175.9 | 185.9 |

备注1: 行程每增加50mm, 重量增加5.0kg    When the stroke increases by 50 mm, the weight increases by 5.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.



# CMC 165 单轴 1-axis

## 螺杆驱动 Ball Screw Drive



**最大行程** 1600mm  
Maximum stroke

**最高速度** 1000mm/s  
Maximum speed

**马达尺寸** ≤220□  
Motor Dimension

**滚珠螺杆** φ63mm  
Ball Screw

### 型号表示方式 Ordering Method

**CMC165-S100-D10 - B - M3 - C1 - 2 - 2000W - N5**

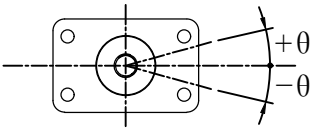
| 系列型号<br>Model | 行程<br>Stroke | 导程<br>Lead range | 马达安装方式<br>Motor Installation type         | 安装方式<br>Installation type   | 前端接头<br>Connection  | 限位开关<br>Limit switch                   | 电机功率<br>Motor power  | 速比<br>Ratio   |
|---------------|--------------|------------------|---|---|---|--|--|---|
|               | 50-1600      | D10<br>D20       | A-直连安装<br>A-Direct<br>B-折返安装<br>B-Transit | M1-前端盖<br>M1-Front end cover<br>M2-侧面<br>M2-Side<br>M3-前法兰<br>M3-Front flange<br>M4-后法兰<br>M4-Back flange<br>M5-单耳环<br>M5-Single ring<br>M6-双耳环<br>M6-Double ring<br>M7-耳轴<br>M7-Trunnion | C1-外螺纹<br>C1-Male thread<br>C2-内螺纹<br>C2-Female thread<br>C3-Y型接头<br>C3-Y hinge<br>C4-鱼眼接头<br>C4-Joint bearing<br>C5-前导向<br>C5-Front or | 默认2个<br>2 by default<br>3: 3个<br>4: 4个 | 0750W: 750瓦<br>1000W: 1000瓦<br>1500W: 1500瓦<br>2000W: 2000瓦<br>3000W: 3000瓦<br>..... | 忽略: 无速比<br>3: 减速比3<br>5: 减速比5<br>10: 减速比10<br>..... |

## 伺服电动缸

## 基本参数 Specification

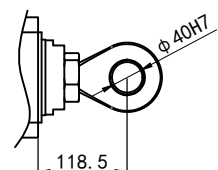
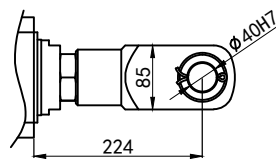
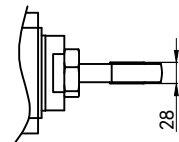
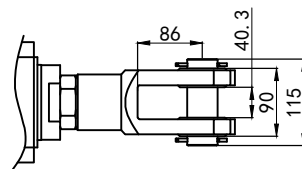
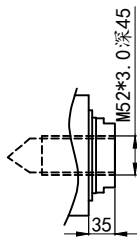
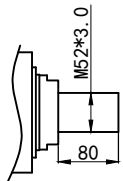
|              |                           |                                |        |
|--------------|---------------------------|--------------------------------|--------|
| CMC165<br>系列 | 位置重复精度 Repeatability (mm) | ±0.02/±0.01                    |        |
|              | 螺杆导程 Ball Screw Lead (mm) | 10                             | 20     |
|              | 最高速度 Maximum Speed (mm/s) | ≤500                           | ≤1000  |
|              | 额定负载 Maximum Payload (kg) | ≤6000                          | ≤11000 |
|              | 标准行程 Stroke/pitch (mm)    | 50-1600/50                     |        |
|              | 马达尺寸 Motor Dimension (mm) | 120□ 130□ 142□ 180□ 220□       |        |
|              | 滚珠螺杆规格 Ball Screw Spec    | C7/C5 φ63mm                    |        |
|              | 感应器 Sensor                | 电子式磁性开关*2<br>Solenoid Switch*2 |        |

## 防止回转精度 Anti-rotating Accuracy

 活塞杆的防止回转精度  
Anti-rotating Accuracy of Putter
防止回转精度 θ  
Anti-rotating Accuracy

±0.05

## 前端连接方式 Front end connection mode

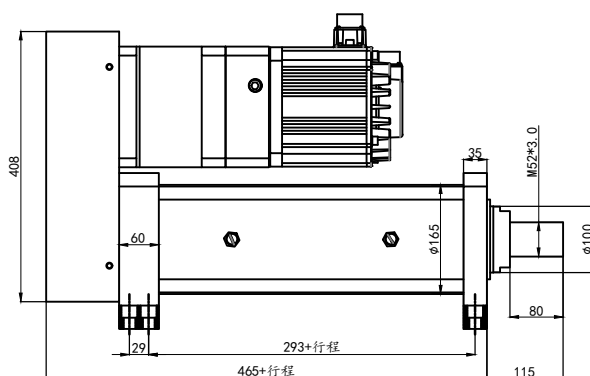
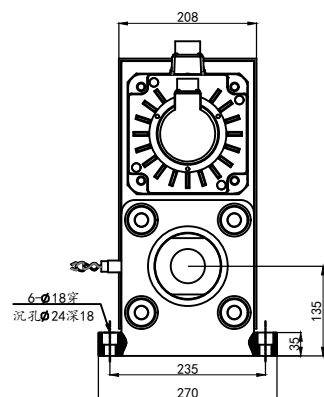
C1 外螺纹  
C1 MaleC2 内螺纹  
C2 FemaleC3 Y型接头  
C3 YhingeC4 鱼眼接头  
C4 Joint bearin

# CMC165 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC165 折返侧面安装-M2  
CMC165 Transition Side Installation-M2

(单位 Unit: mm)

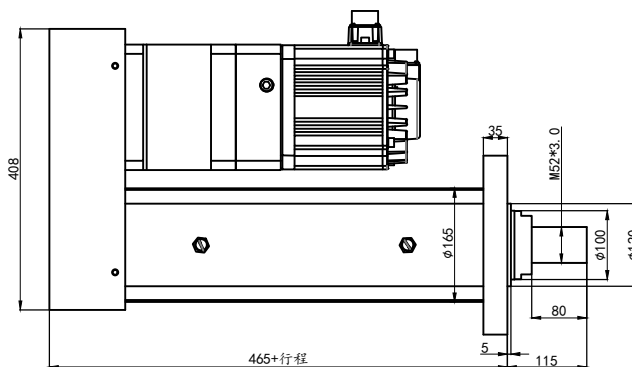
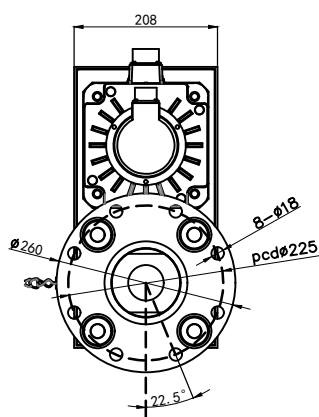


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 110.3                | 117.3 | 124.3 | 131.3 | 138.3 | 145.3 | 152.3 | 159.3 | 166.3 | 173.3 | 181.3 | 188.3 | 195.3 | 203.3 | 210.3 | 217.3 | 224.3 | 231.3 | 238.3 | 245.3 | 259.3 | 273.3 | 287.3 | 301.3 | 315.3 | 329.3 |

备注1: 行程每增加50mm, 重量增加7.0kg When the stroke increases by 50 mm, the weight increases by 7.0 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

CMC165 折返前法兰安装-M3  
CMC165 Transition Flange Installation-M3

(单位 Unit: mm)



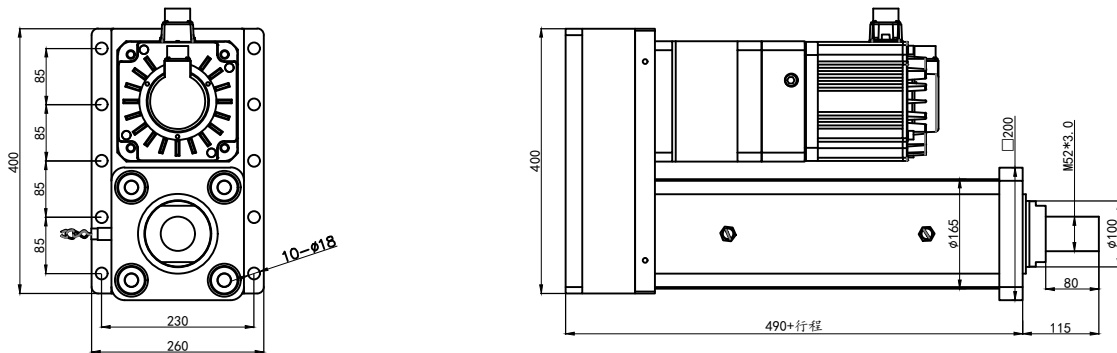
| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 110.3                | 117.3 | 124.3 | 131.3 | 138.3 | 145.3 | 152.3 | 159.3 | 166.3 | 173.3 | 181.3 | 188.3 | 195.3 | 203.3 | 210.3 | 217.3 | 224.3 | 231.3 | 238.3 | 245.3 | 259.3 | 273.3 | 287.3 | 301.3 | 315.3 | 329.3 |

备注1: 行程每增加50mm, 重量增加7.0kg When the stroke increases by 50 mm, the weight increases by 7.0 kg.  
备注2: 此重量不包含电机的重量 Weight does not include motor weight.

# 伺服电动缸

CMC165 折返后法兰安装 - M4  
CMC165 Transition backFlange Installation-M4

(单位 Unit: mm)

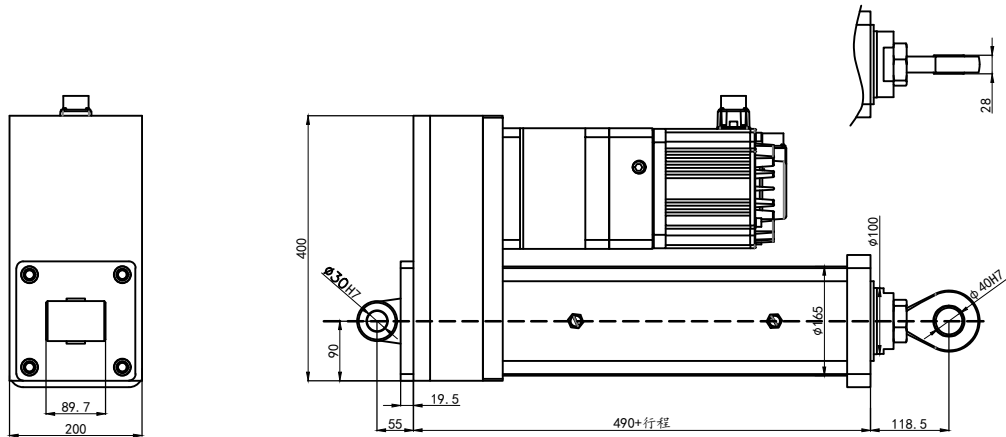


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 110.3                | 117.3 | 124.3 | 131.3 | 138.3 | 145.3 | 152.3 | 159.3 | 166.3 | 173.3 | 181.3 | 188.3 | 195.3 | 203.3 | 210.3 | 217.3 | 224.3 | 231.3 | 238.3 | 245.3 | 259.3 | 273.3 | 287.3 | 301.3 | 315.3 | 329.3 |

备注1: 行程每增加50mm, 重量增加7.0kg    When the stroke increases by 50 mm, the weight increases by 7.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC165 折返单耳环安装 - M5  
CMC165 Transition Single earring installation-M5

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 110.3                | 117.3 | 124.3 | 131.3 | 138.3 | 145.3 | 152.3 | 159.3 | 166.3 | 173.3 | 181.3 | 188.3 | 195.3 | 203.3 | 210.3 | 217.3 | 224.3 | 231.3 | 238.3 | 245.3 | 259.3 | 273.3 | 287.3 | 301.3 | 315.3 | 329.3 |

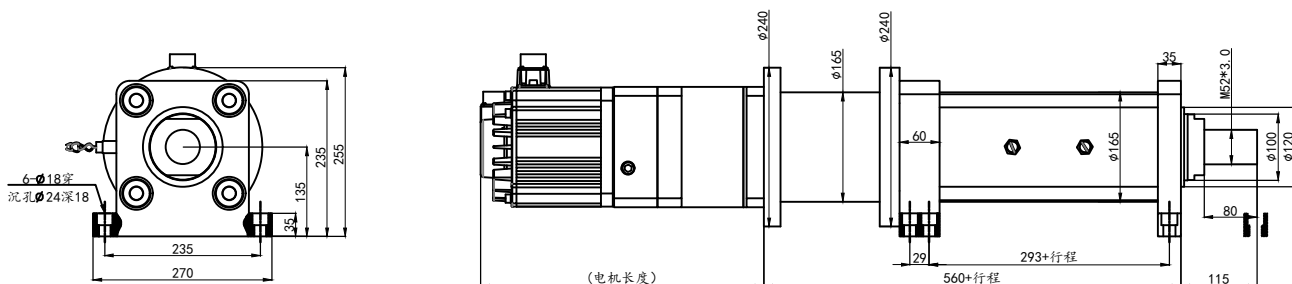
备注1: 行程每增加50mm, 重量增加7.0kg    When the stroke increases by 50 mm, the weight increases by 7.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

# CMC165 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC165直连侧面安装-M2  
CMC165 Direct Side Installation-M2

(单位 Unit: mm)

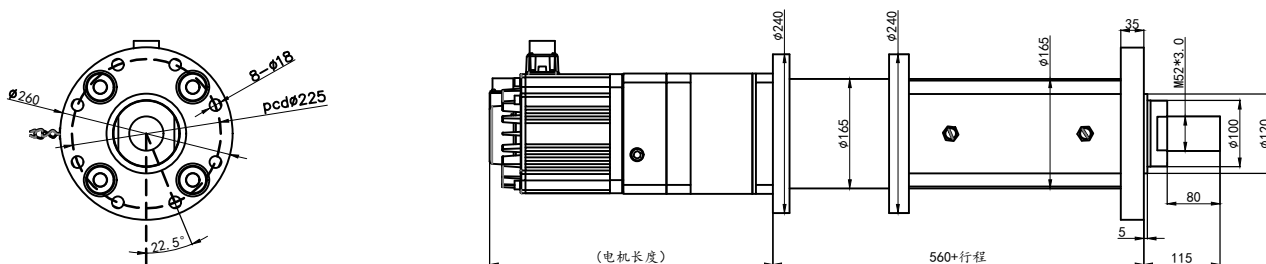


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 110.3                | 117.3 | 124.3 | 131.3 | 138.3 | 145.3 | 152.3 | 159.3 | 166.3 | 173.3 | 181.3 | 188.3 | 195.3 | 203.3 | 210.3 | 217.3 | 224.3 | 231.3 | 238.3 | 245.3 | 259.3 | 273.3 | 287.3 | 301.3 | 315.3 | 329.3 |

备注1: 行程每增加50mm, 重量增加7.0kg    When the stroke increases by 50 mm, the weight increases by 7.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC165直连前法兰安装-M3  
CMC165 Direct Flange Installation-M3

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 110.3                | 117.3 | 124.3 | 131.3 | 138.3 | 145.3 | 152.3 | 159.3 | 166.3 | 173.3 | 181.3 | 188.3 | 195.3 | 203.3 | 210.3 | 217.3 | 224.3 | 231.3 | 238.3 | 245.3 | 259.3 | 273.3 | 287.3 | 301.3 | 315.3 | 329.3 |

备注1: 行程每增加50mm, 重量增加7.0kg    When the stroke increases by 50 mm, the weight increases by 7.0 kg.  
备注2: 此重量不包含电机的重量    Weight does not include motor weight.

CMC 250

单轴  
1-axis

螺杆驱动  
Ball Screw Drive



最大行程  
Maximum stroke 1600mm

最高速度  
Maximum speed 1000mm/s

马达尺寸  
Motor Dimension ≤250□

滚珠螺杆  
Ball Screw φ80mm

型号表示方式 Ordering Method

**CMC250-S100-D10 - B - M3 - C1 - 2 - 2000W - N5**

| 系列型号<br>Model | 行程<br>Stroke | 导程<br>Lead range | 马达安装方式<br>Motor Installation type         | 安装方式<br>Installation type   | 前端接头<br>Connection  | 限位开关<br>Limit switch                   | 电机功率<br>Motor power  | 速比<br>Ratio   |
|---------------|--------------|------------------|---|---|---|--|--|---|
|               | 50-1600      | D10<br>D20       | A-直连安装<br>A-Direct<br>B-折返安装<br>B-Transit | M1-前端盖<br>M1-Front end cover<br>M2-侧面<br>M2-Side<br>M3-前法兰<br>M3-Front flange<br>M4-后法兰<br>M4-Back flange<br>M5-单耳环<br>M5-Single ring<br>M6-双耳环<br>M6-Double ring<br>M7-耳轴<br>M7-Trunnion | C1-外螺纹<br>C1-Male thread<br>C2-内螺纹<br>C2-Female thread<br>C3-Y型接头<br>C3-Y hinge<br>C4-鱼眼接头<br>C4-Joint bearing<br>C5-前导向<br>C5-Front or | 默认2个<br>2 by default<br>3: 3个<br>4: 4个 | 0750W: 750瓦<br>1000W: 1000瓦<br>1500W: 1500瓦<br>2000W: 2000瓦<br>3000W: 3000瓦<br>..... | 忽略: 无速比<br>3: 减速比3<br>5: 减速比5<br>10: 减速比10<br>..... |

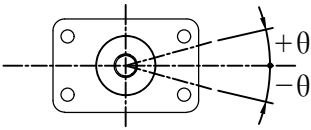
# 伺服电动缸

## 基本参数 Specification

|              |                           |                                |        |
|--------------|---------------------------|--------------------------------|--------|
| CMC250<br>系列 | 位置重复精度 Repeatability (mm) | ±0.02/±0.01                    |        |
|              | 螺杆导程 Ball Screw Lead (mm) | 10                             | 20     |
|              | 最高速度 Maximum Speed (mm/s) | ≤500                           | ≤1000  |
|              | 额定负载 Maximum Payload (kg) | ≤8000                          | ≤22000 |
|              | 标准行程 Stroke/pitch (mm)    | 50-1600/50                     |        |
|              | 马达尺寸 Motor Dimension (mm) | 120□ 130□ 142□ 180□ 220□ 240□  |        |
|              | 滚珠螺杆规格 Ball Screw Spec    | C7/C5 φ80mm                    |        |
|              | 感应器 Sensor                | 电子式磁性开关*2<br>Solenoid Switch*2 |        |

## 防止回转精度 Anti-rotating Accuracy

活塞杆的防止回转精度  
Anti-rotating Accuracy of Putter



|                                    |
|------------------------------------|
| 防止回转精度 θ<br>Anti-rotating Accuracy |
| ±0.05                              |

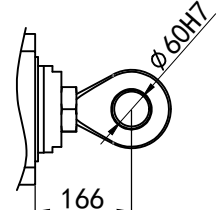
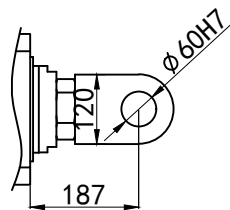
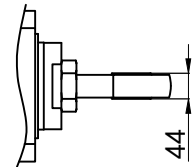
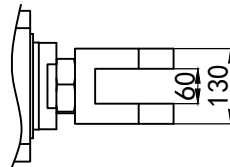
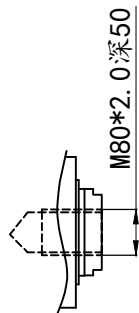
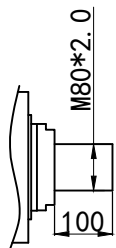
## 前端连接方式 Front end connection mode

C1 外螺纹  
C1 Male

C2 内螺纹  
C2 Female

C3 Y型接头  
C3 Yhinge

C4 鱼眼接头  
C4 Joint bearin

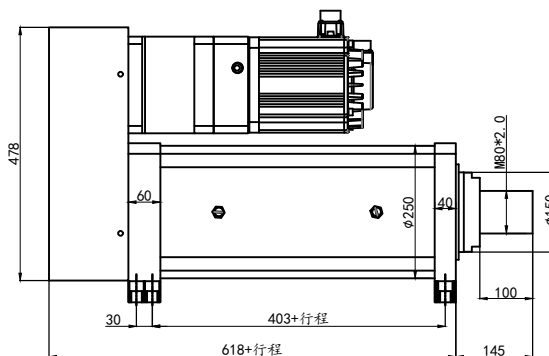
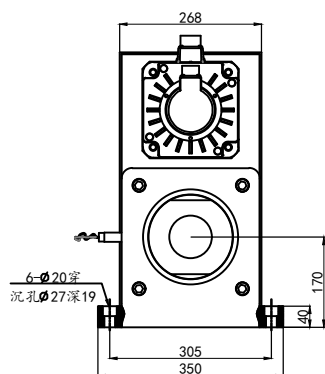


# CMC250 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC250 折返侧面安装-M2  
CMC250 Transition Side Installation-M2

(单位 Unit: mm)

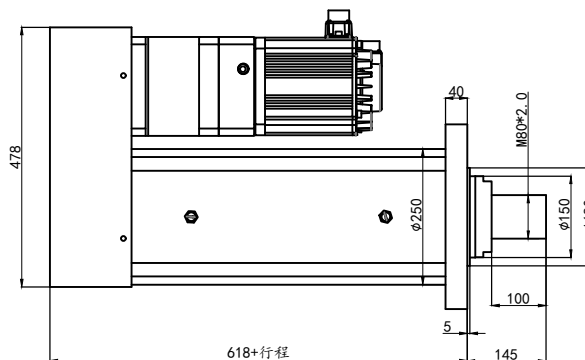
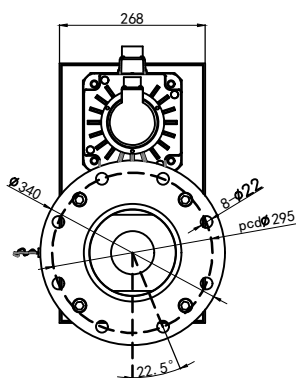


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 240.5                | 252.5 | 264.5 | 276.5 | 300.5 | 312.5 | 324.5 | 336.5 | 348.5 | 360.5 | 372.5 | 384.5 | 396.5 | 408.5 | 420.5 | 432.5 | 444.5 | 456.5 | 468.5 | 480.5 | 504.5 | 528.5 | 552.5 | 576.5 | 600.5 | 624.5 |

备注1: 行程每增加50mm, 重量增加12kg      When the stroke increases by 50 mm, the weight increases by 12 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

CMC250 折返前法兰安装-M3  
CMC250 Transition Flange Installation-M3

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 240.5                | 252.5 | 264.5 | 276.5 | 300.5 | 312.5 | 324.5 | 336.5 | 348.5 | 360.5 | 372.5 | 384.5 | 396.5 | 408.5 | 420.5 | 432.5 | 444.5 | 456.5 | 468.5 | 480.5 | 504.5 | 528.5 | 552.5 | 576.5 | 600.5 | 624.5 |

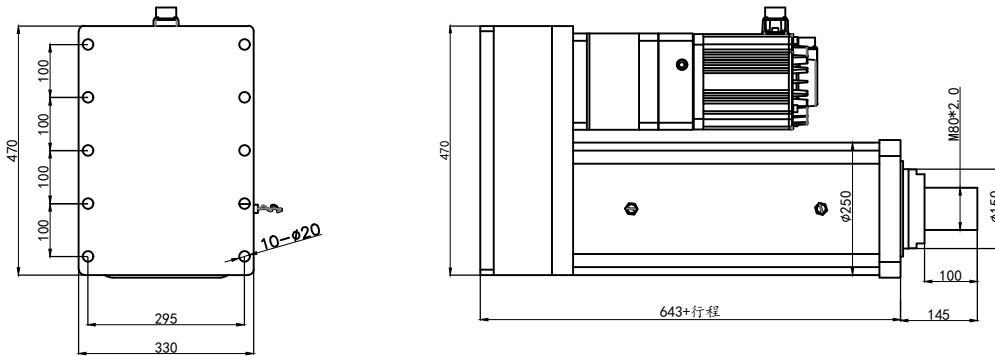
备注1: 行程每增加50mm, 重量增加12kg      When the stroke increases by 50 mm, the weight increases by 12 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.



# 伺服电动缸

**CMC 250 折返后法兰安装 - M4**  
CMC250 Transition backFlange Installation-M4

(单位 Unit: mm)

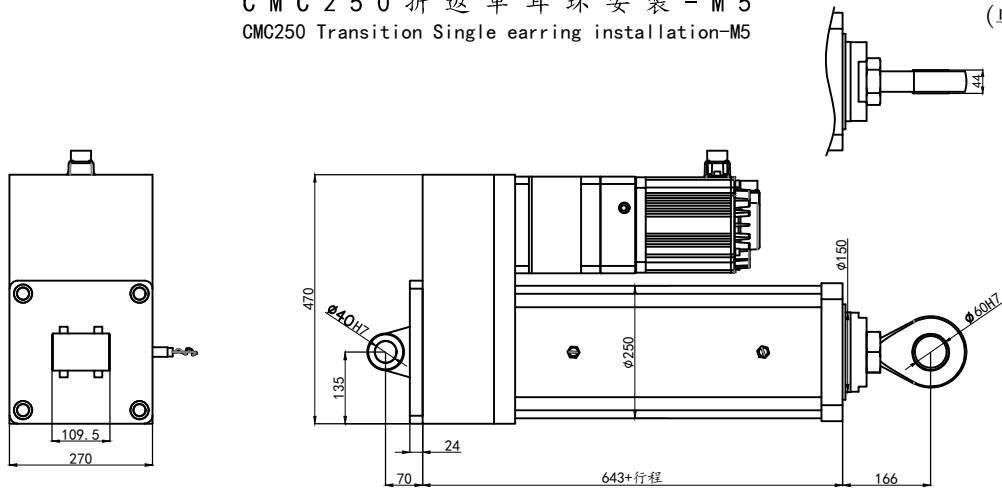


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 240.5                | 252.5 | 264.5 | 276.5 | 300.5 | 312.5 | 324.5 | 336.5 | 348.5 | 360.5 | 372.5 | 384.5 | 396.5 | 408.5 | 420.5 | 432.5 | 444.5 | 456.5 | 468.5 | 480.5 | 504.5 | 528.5 | 552.5 | 576.5 | 600.5 | 624.5 |

备注1: 行程每增加50mm, 重量增加12kg      When the stroke increases by 50 mm, the weight increases by 12 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

**CMC 250 折返单耳环安装 - M5**  
CMC250 Transition Single earring installation-M5

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 240.5                | 252.5 | 264.5 | 276.5 | 300.5 | 312.5 | 324.5 | 336.5 | 348.5 | 360.5 | 372.5 | 384.5 | 396.5 | 408.5 | 420.5 | 432.5 | 444.5 | 456.5 | 468.5 | 480.5 | 504.5 | 528.5 | 552.5 | 576.5 | 600.5 | 624.5 |

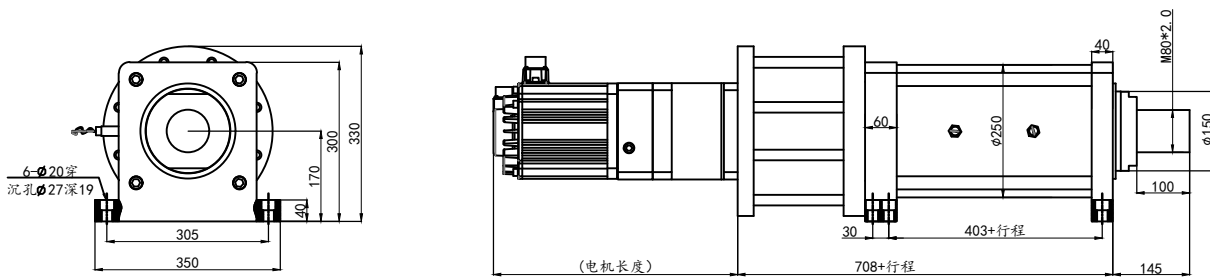
备注1: 行程每增加50mm, 重量增加12kg      When the stroke increases by 50 mm, the weight increases by 12 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

# CMC250 单轴 1-axis

## 螺杆驱动 Ball Screw Drive

CMC250直连侧面安装-M2  
CMC250 Direct Side Installation-M2

(单位 Unit: mm)

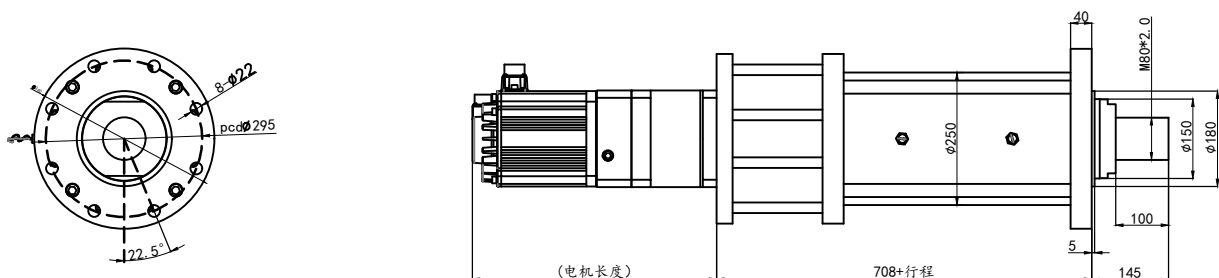


| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 240.5                | 252.5 | 264.5 | 276.5 | 300.5 | 312.5 | 324.5 | 336.5 | 348.5 | 360.5 | 372.5 | 384.5 | 396.5 | 408.5 | 420.5 | 432.5 | 444.5 | 456.5 | 468.5 | 480.5 | 504.5 | 528.5 | 552.5 | 576.5 | 600.5 | 624.5 |

备注1: 行程每增加50mm, 重量增加12kg      When the stroke increases by 50 mm, the weight increases by 12 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

CMC250直连前法兰安装-M3  
CMC250 Direct Flange Installation-M3

(单位 Unit: mm)



| 有效行程<br>stroke | 标准行程 standard stroke |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                | 50                   | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   | 650   | 700   | 750   | 800   | 850   | 900   | 950   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  |
| Weight (kg)    | 240.5                | 252.5 | 264.5 | 276.5 | 300.5 | 312.5 | 324.5 | 336.5 | 348.5 | 360.5 | 372.5 | 384.5 | 396.5 | 408.5 | 420.5 | 432.5 | 444.5 | 456.5 | 468.5 | 480.5 | 504.5 | 528.5 | 552.5 | 576.5 | 600.5 | 624.5 |

备注1: 行程每增加50mm, 重量增加12kg      When the stroke increases by 50 mm, the weight increases by 12 kg.  
备注2: 此重量不包含电机的重量      Weight does not include motor weight.

CMC SERVO CYLINDER

CMC039-VRC6

六轴  
6-axis

摇摆平台  
Swing platform



最大行程  
Maximum stroke

±200mm

最高速度  
Maximum speed

200mm/s

马达尺寸  
Motor Dimension

≤40□

滚珠螺杆  
Ball Screw

φ8mm

型号表示方式 Ordering Method

**CMC039 - VRC6 - D01 - 100W - 1**

系列型号  
Model

自由度  
Stroke

导程  
Lead range

电机功率  
Motor power

厂家管理产品号  
Manufacturer management product number

VRC6: 六自由度

D01

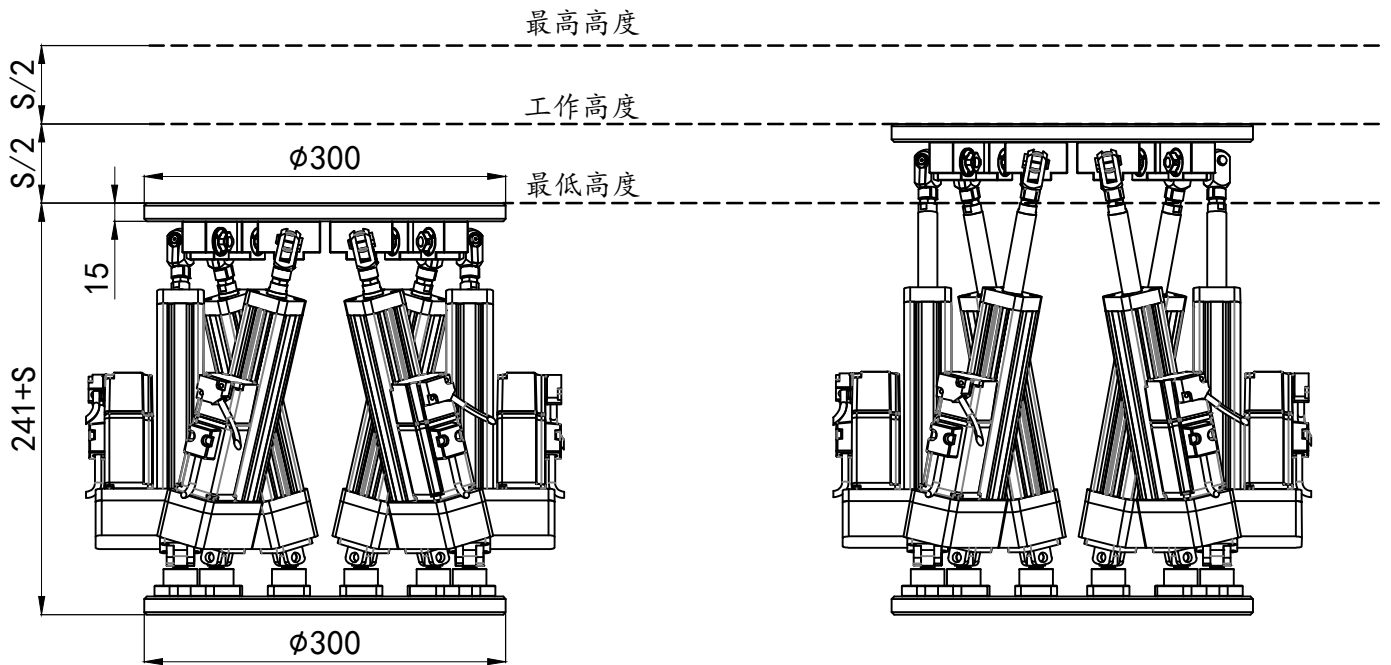
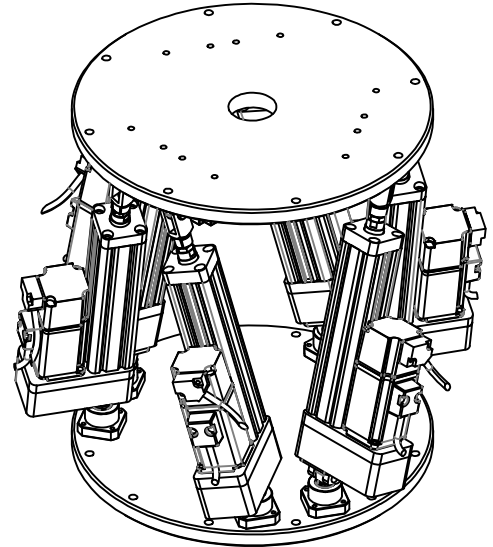
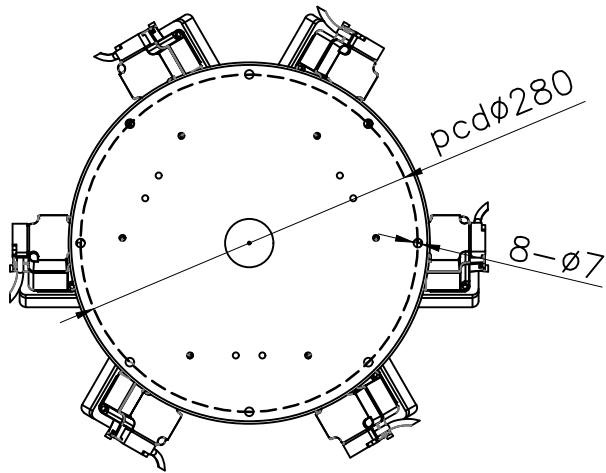
0100W: 100瓦

VRC3: 三自由度

D2.5

042: 42步进

# 六自由度平台



| 说明                          | S值           | 100  | 250  | 400                                    | 500  | 600                    |
|-----------------------------|--------------|------|------|--|------|------------------------|
| 1. S值表示需要的升降高度.             | 位移 (X, Y, Z) | ±50  | ±120 | ±200                                   | ±250 | ±300                   |
| 2. 平台位移均以中间工作高度为参照起点.       | 角度 (X, Y, Z) | ±18° | ±30° | ±35°                                   | ±40° | ±45°                   |
| *CMC039-VCR6平台有效负载: 0-100kg |              |      |      | *CMC039-VCR6 platform payload: 0-100kg |      | *平台占地图纸尺寸仅供参考, 详细联系技术. |

CMC SERVO CYLINDER

CMC065-VRC6

六轴  
6-axis

摇摆平台  
Swing platform



最大行程  
Maximum stroke  $\pm 400\text{mm}$

最高速度  
Maximum speed  $1000\text{mm/s}$

马达尺寸  
Motor Dimension  $\leq 90\text{mm}$

滚珠螺杆  
Ball Screw  $\phi 16\text{mm}$

型号表示方式 Ordering Method

**CMC065 - VRC6 - D05 - 400W - 1**

系列型号  
Model

自由度  
Stroke

导程  
Lead range

电机功率  
Motor power

厂家管理产品号

Manufacturer management product number

VRC6: 六自由度

D05

0400W: 400瓦

VRC3: 三自由度

D10

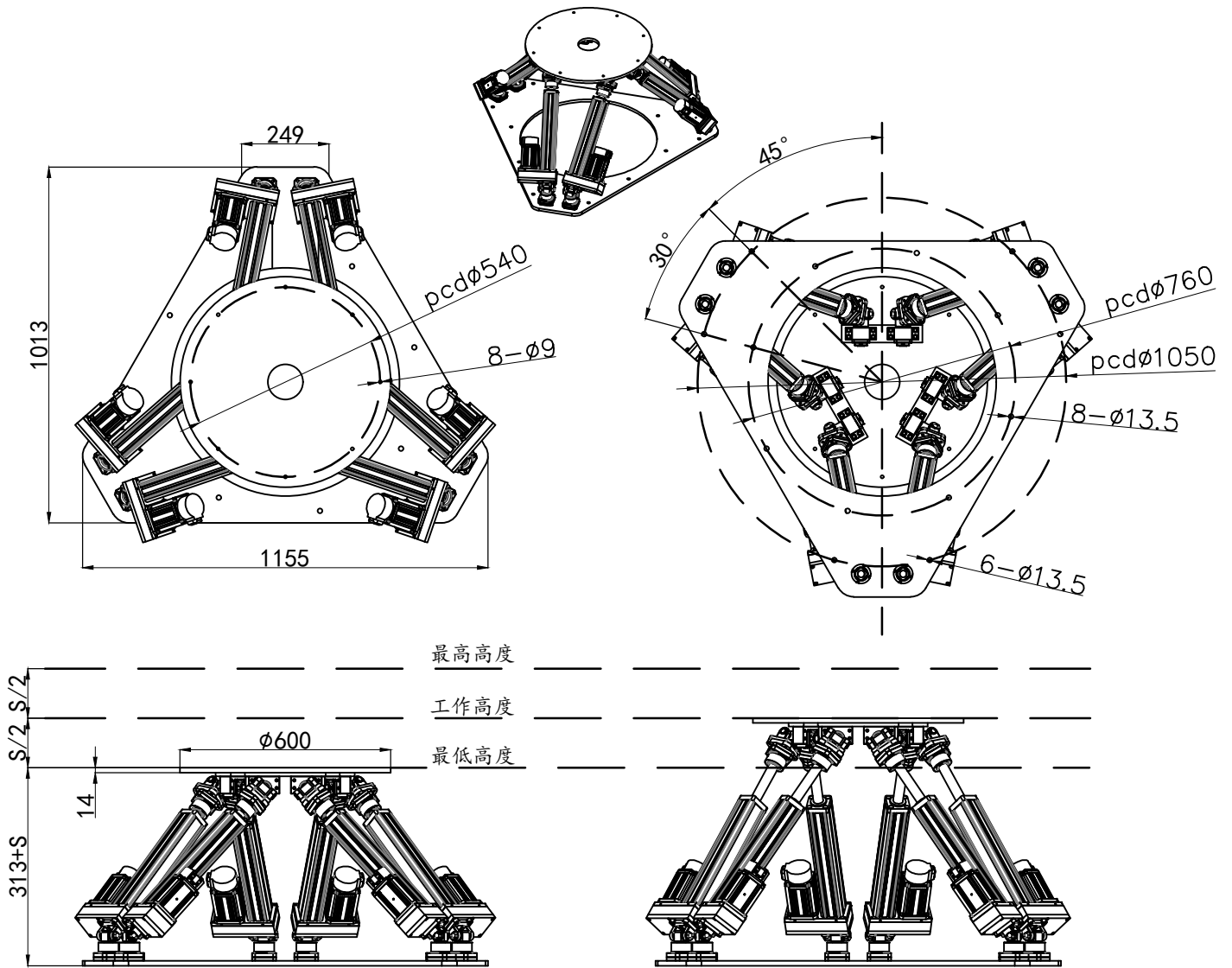
0750W: 750瓦

D16

01000W: 1000瓦

D20

# 六自由度平台



| 说明                    | S值           | 100  | 250  | 400  | 500  | 600  |
|-----------------------|--------------|------|------|------|------|------|
| 1. S值表示需要的升降高度.       | 位移 (X, Y, Z) | ±50  | ±120 | ±200 | ±250 | ±300 |
| 2. 平台位移均以中间工作高度为参照起点. | 角度 (X, Y, Z) | ±18° | ±30° | ±35° | ±40° | ±45° |

\*CMC065-VCR6平台有效负载: 0-600kg \*CMC065-VCR6 platform payload: 0-600kg

\*平台占地图纸尺寸仅供参考, 详细联系技术。

# CMC 075 - VRC6

六轴  
6-axis

摇摆平台  
Swing platform



最大行程  
Maximum stroke

±800mm

最高速度  
Maximum speed

1000mm/s

马达尺寸  
Motor Dimension

≤130□

滚珠螺杆  
Ball Screw

φ25mm

型号表示方式 Ordering Method

## CMC075 - VRC6 - D10 - 750W - 1

系列型号  
Model

自由度  
Stroke

导程  
Lead range

电机功率  
Motor power

厂家管理产品号  
Manufacturer management product number

VRC6: 六自由度

D10

0400W: 400瓦

VRC3: 三自由度

D20

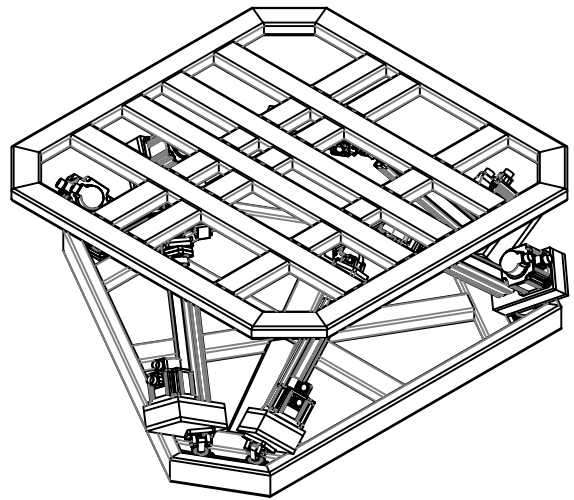
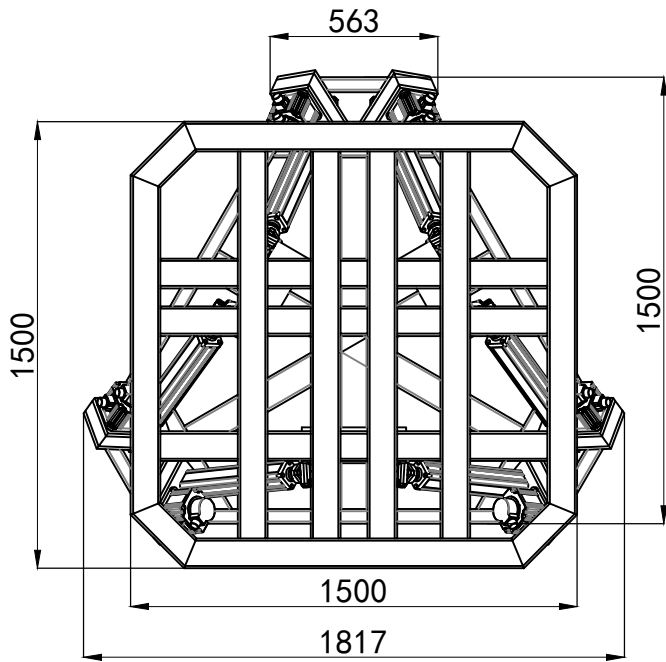
0750W: 750瓦

1000W: 1000瓦

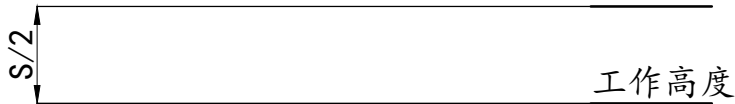
1500W: 1000瓦

2000W: 2000瓦

# 六自由度平台



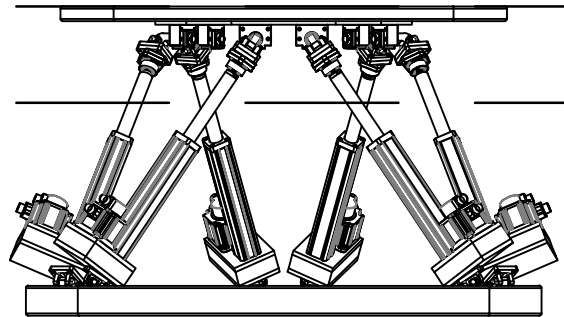
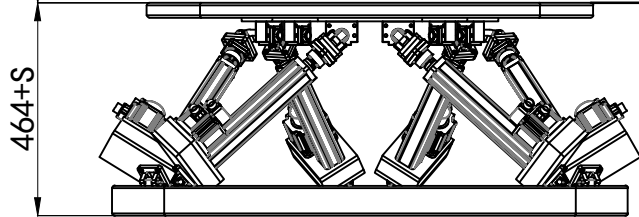
最高高度



工作高度



最低高度



| 说明                           | S值           | 100  | 250  | 400                                     | 500  | 600                    |
|------------------------------|--------------|------|------|---|------|------------------------|
| 1. S值表示需要的升降高度.              | 位移 (X, Y, Z) | ±50  | ±120 | ±200                                    | ±250 | ±300                   |
| 2. 平台位移均以中间工作高度为参照起点.        | 角度 (X, Y, Z) | ±18° | ±30° | ±35°                                    | ±40° | ±45°                   |
| *CMC075-VCR6平台有效负载: 0-2000kg |              |      |      | *CMC075-VCR6 platform payload: 0-2000kg |      | *平台占地图纸尺寸仅供参考, 详细联系技术。 |



# CMC 110-VRC6

六轴  
6-axis

摇摆平台  
Swing platform



最大行程  $\pm 1200\text{mm}$   
Maximum stroke

最高速度  $1000\text{mm/s}$   
Maximum speed

马达尺寸  $\leq 180\text{mm}$   
Motor Dimension

滚珠螺杆  $\phi 40\text{mm}$   
Ball Screw

型号表示方式 Ordering Method

## CMC110 - VRC6 - D10 - 750W - 1

系列型号  
Model

自由度  
Stroke

导程  
Lead range

电机功率  
Motor power

厂家管理产品号  
Manufacturer management product number

VRC6: 六自由度

D10

0750W: 750瓦

VRC3: 三自由度

D20

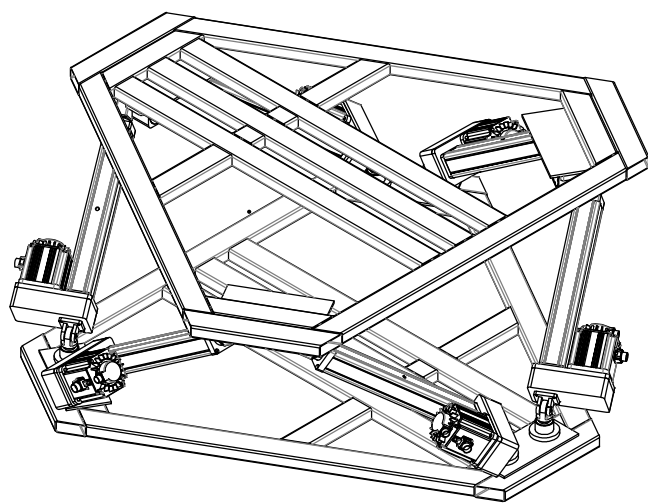
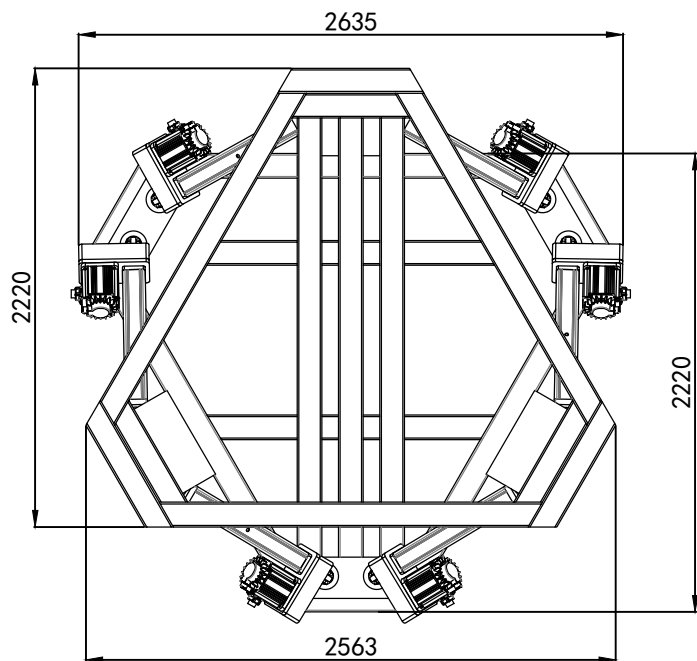
1000W: 1000瓦

2000W: 2000瓦

3000W: 3000瓦

5000W: 5000瓦

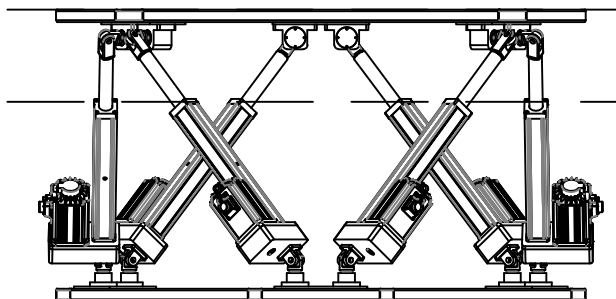
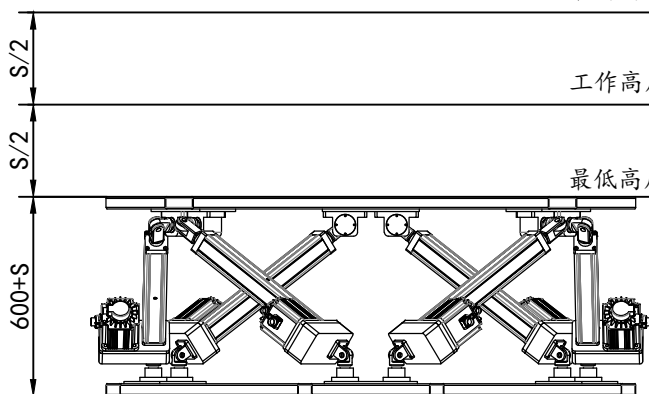
# 六自由度平台



最高高度

工作高度

最低高度



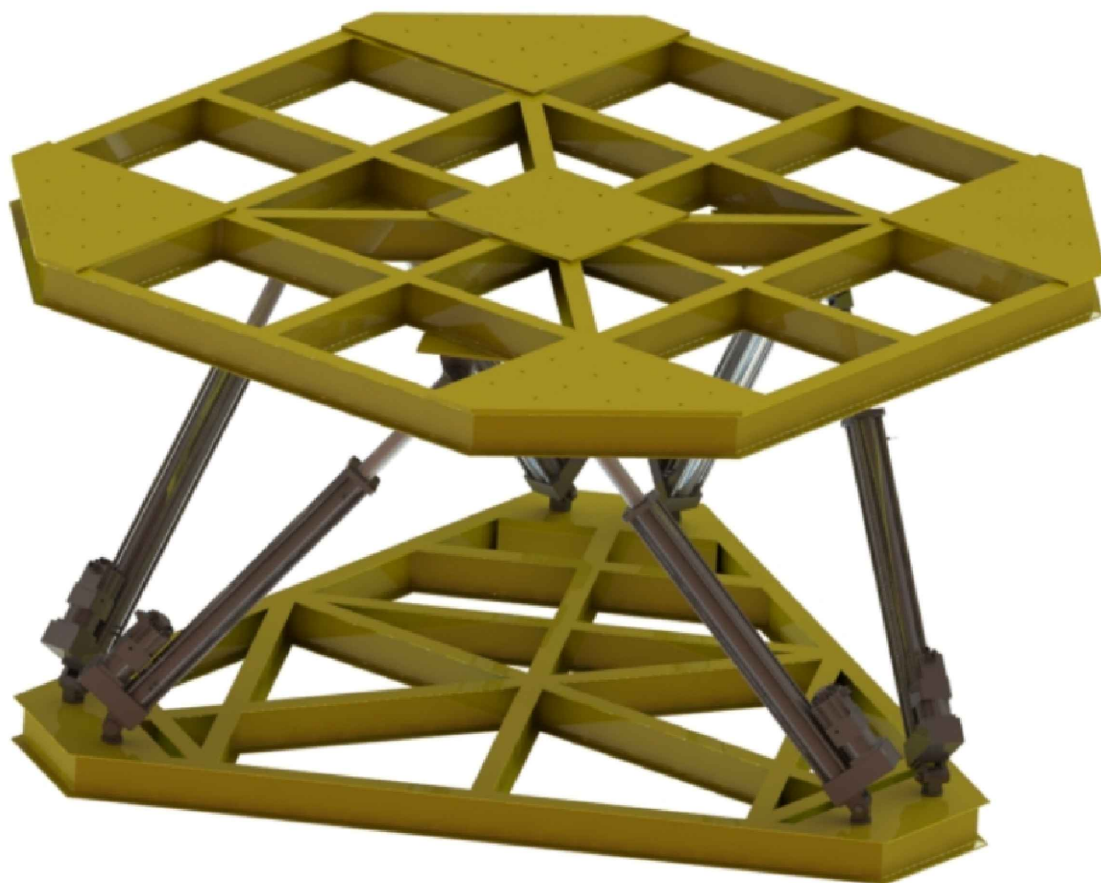
| 说明                            | S值           | 100  | 250  | 400                                      | 500  | 600                    |
|-------------------------------|--------------|------|------|--|------|------------------------|
| 1. S值表示需要的升降高度.               | 位移 (X, Y, Z) | ±50  | ±120 | ±200                                     | ±250 | ±300                   |
| 2. 平台位移均以中间工作高度为参照起点.         | 角度 (X, Y, Z) | ±18° | ±30° | ±35°                                     | ±40° | ±45°                   |
| *CMC0110-VCR6平台有效负载: 0-6000kg |              |      |      | *CMC0110-VCR6 platform payload: 0-6000kg |      | *平台占地图纸尺寸仅供参考, 详细联系技术。 |

CMC SERVO CYLINDER

CMC 165 - VRC6

六轴  
6-axis

摇摆平台  
Swing platform



最大行程  $\pm 1500\text{mm}$   
Maximum stroke

最高速度  $1000\text{mm/s}$   
Maximum speed

马达尺寸  $\leq 220\text{mm}$   
Motor Dimension

滚珠螺杆  $\phi 63\text{mm}$   
Ball Screw

型号表示方式 Ordering Method

**CMC165 - VRC6 - D10 - 2000W - 1**

系列型号  
Model

自由度  
Stroke

导程  
Lead range

电机功率  
Motor power

厂家管理产品号  
Manufacturer management product number

VRC6: 六自由度

D10

2000W: 2000瓦

VRC3: 三自由度

D20

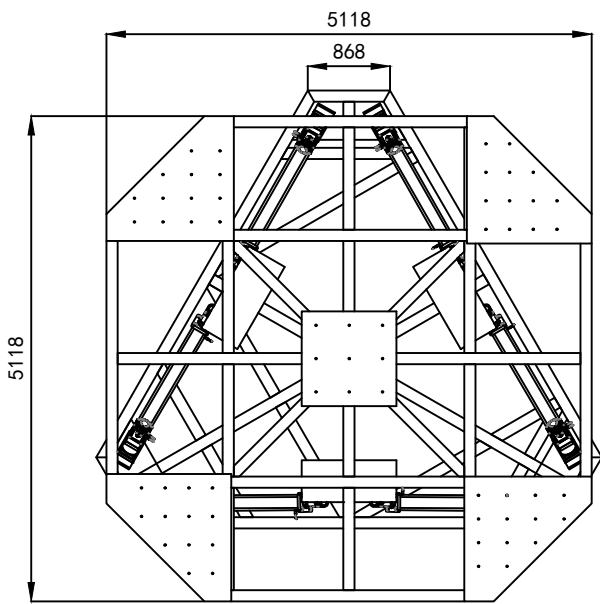
3000W: 3000瓦

5000W: 5000瓦

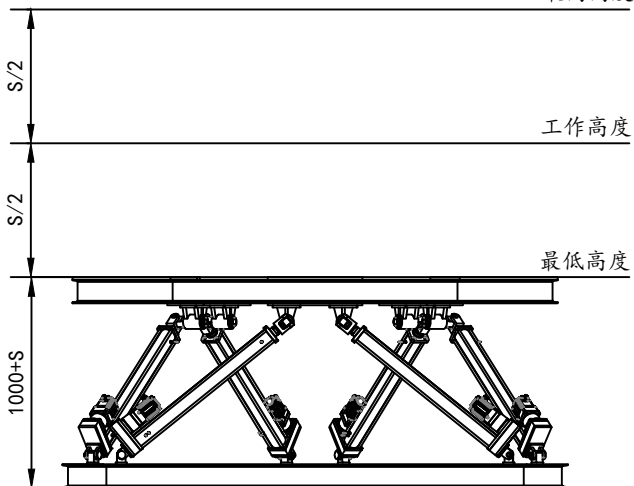
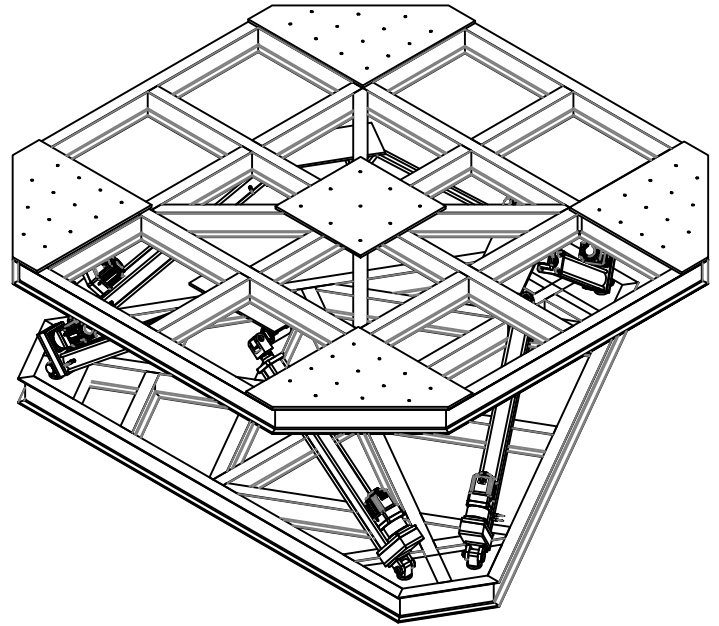
7500W: 7500瓦

11000W: 11千瓦

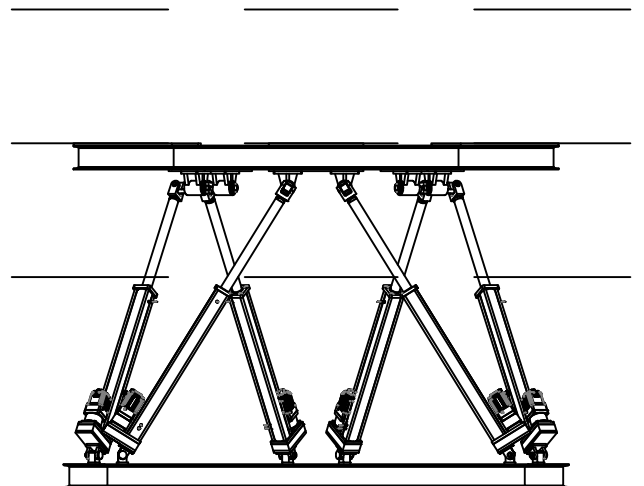
# 六自由度平台



最高高度




最低高度



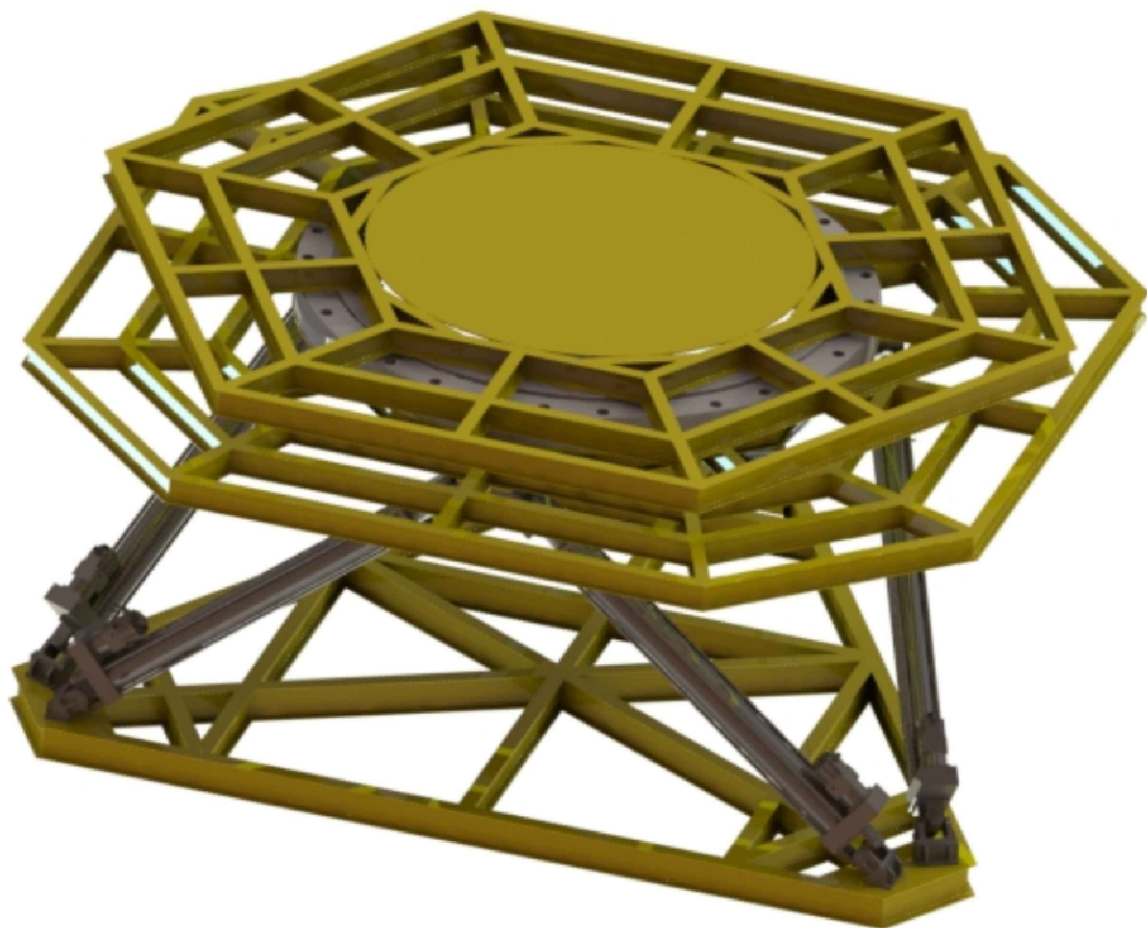
工作高度

| 说明                        | S值           | 100  | 250  | 400                                  | 500  | 600                    |
|---------------------------|--------------|------|------|--------------------------------------|------|------------------------|
| 1. S值表示需要的升降高度.           | 位移 (X, Y, Z) | ±50  | ±120 | ±200                                 | ±250 | ±300                   |
| 2. 平台位移均以中间工作高度为参照起点.     | 角度 (X, Y, Z) | ±18° | ±30° | ±35°                                 | ±40° | ±45°                   |
| *CMC165-VCR6平台有效负载: 0-15T |              |      |      | *CMC165-VCR6 platform payload: 0-15T |      | *平台占地图纸尺寸仅供参考, 详细联系技术。 |

CMC SERVO CYLINDER

CMC 250 - VRC6 

摇摆平台  
Swing platform



最大行程  $\pm 1800\text{mm}$   
Maximum stroke

最高速度  $1000\text{mm/s}$   
Maximum speed

马达尺寸  $\leq 280\text{mm}$   
Motor Dimension

滚珠螺杆  $\phi 80\text{mm}$   
Ball Screw

型号表示方式 Ordering Method

**CMC250 - VRC6 - D10 - 2000W - 1**

系列型号  
Model

自由度  
Stroke

导程  
Lead range

电机功率  
Motor power

厂家管理产品号  
Manufacturer management product number

VRC6: 六自由度

D10

2000W: 2000瓦

VRC3: 三自由度

D20

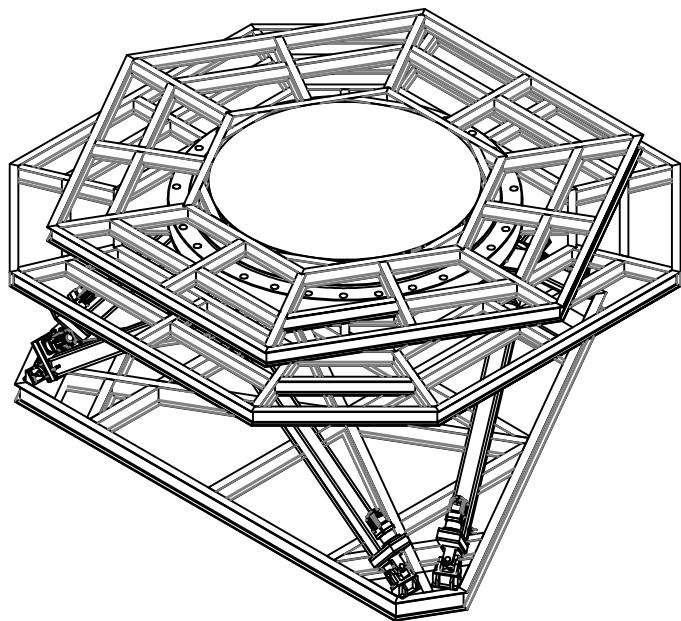
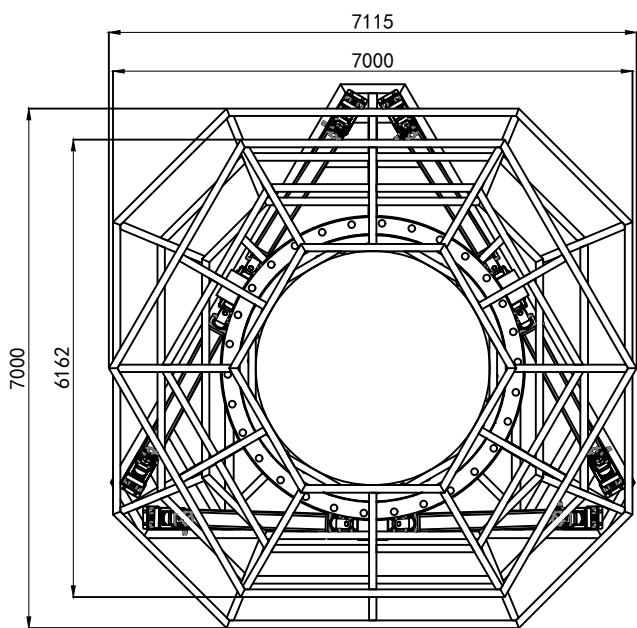
3000W: 3000瓦

5000W: 5000瓦

7500W: 7500瓦

11000W: 11千瓦

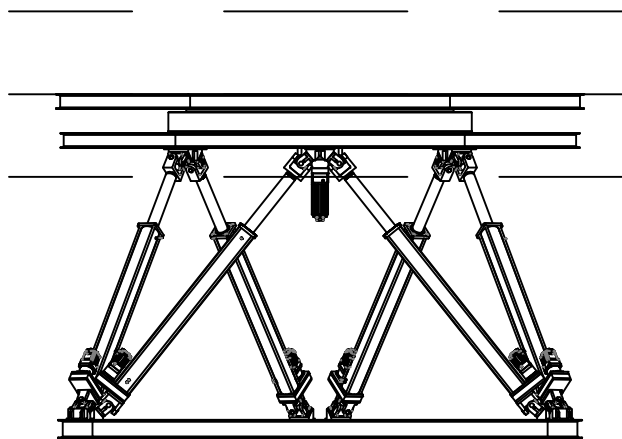
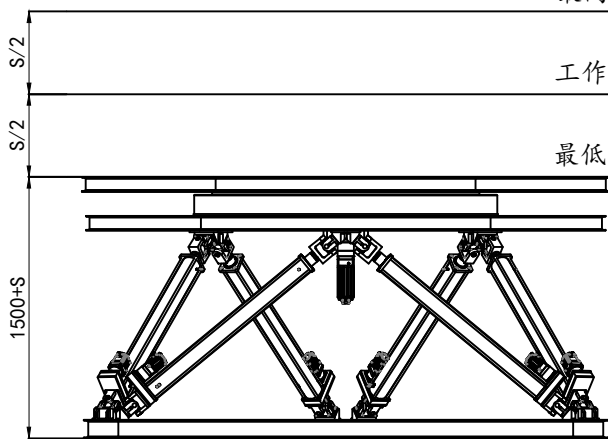
# 六自由度平台



最高高度

工作高度

最低高度



| 说明                        | S值           | 100  | 250  | 400                                  | 500  | 600                    |
|---------------------------|--------------|------|------|--------------------------------------|------|------------------------|
| 1. S值表示需要的升降高度.           | 位移 (X, Y, Z) | ±50  | ±120 | ±200                                 | ±250 | ±300                   |
| 2. 平台位移均以中间工作高度为参照起点.     | 角度 (X, Y, Z) | ±18° | ±30° | ±35°                                 | ±40° | ±45°                   |
| *CMC250-VCR6平台有效负载: 0-30T |              |      |      | *CMC250-VCR6 platform payload: 0-30T |      | *平台占地图纸尺寸仅供参考, 详细联系技术。 |

伺服压装机是集压装、装配、测量、统计分析于一体的高度集成化设备，适用于压装、成型、铆接、冲压、弹性测试等高节拍、高精度的压装应用。通过设定质量判断点、窗口及包络线技术对压装过程中的力-位移关系进行有效地监控，从而保证压装产品的高度一致性。

产品优势：

- 0.01mm的位置定位精度和0.25%FS的压力精度。
- 力-位移曲线，实时显示。
- 点、窗口以及包络线等多种监控方式。
- 全闭环位置控制，满足特定情况下的精密装配要求。
- 自我诊断功能，降低维护要求。
- 高度集成驱控一体控制器，无需电柜，伺服电机、压力传感器和光栅尺等预制插头即插即用。



*CMC* 伺服压机介绍  
Introduction to servo press伺服压机  
Servo press

为什么选择伺服压装机 Why choose servo press mounting machine

|         | 伺服压装          |   | 传统气/液压压装                |   |
|---------|---------------|---|-------------------------|---|
| 压入速度    | 保持速度一致，随时可调   | ✓ | 根据气体和液体的压力，以及产品配合面状态改变。 | ✗ |
| 压力/位置控制 | 集成功能，主动控制     | ✓ | 通过另外的力和位移监控仪来实现，被动监控    | ✗ |
| 过程保护    | 压力，位置，电流等多重保护 | ✓ | 需另外增加保护装置               | ✗ |
| 位移传感器   | 集成内置          | ✓ | 外置，需另外购买                | ✗ |
| 重复定位精度  | <0.01mm       | ✓ | 需通过机械结构实现               | ✗ |
| 能耗      | 20%           | ✓ | 100%                    | ✗ |
| 占地面积    | 50%           | ✓ | 100%                    | ✗ |
| 环境污染    | 10%           | ✓ | 100%                    | ✗ |
| 维修工时    | 20%           | ✓ | 100%                    | ✗ |
| 安装工时    | 50%           | ✓ | 100%                    | ✗ |
| 功能性     | 300%          | ✓ | 100%                    | ✗ |
| 生产柔性    | 300%          | ✓ | 100%                    | ✗ |
| 产品质量可控性 | 强             | ✓ | 弱                       | ✗ |
| 综合成本    | 低             | ✓ | 高                       | ✗ |



CMC 单轴  
1-axis

压装单元  
Press fit unit

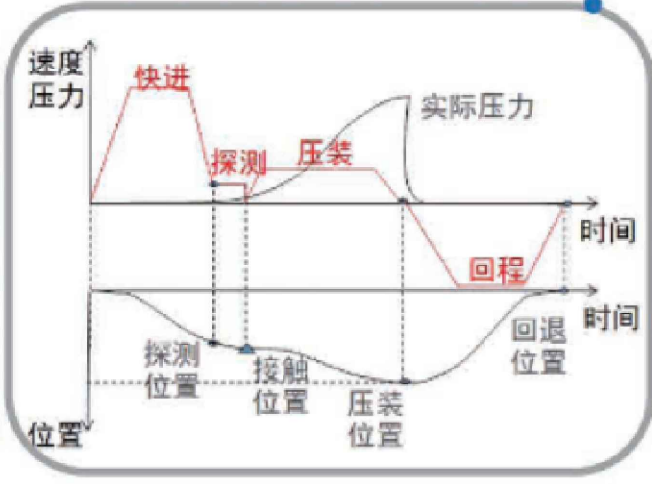
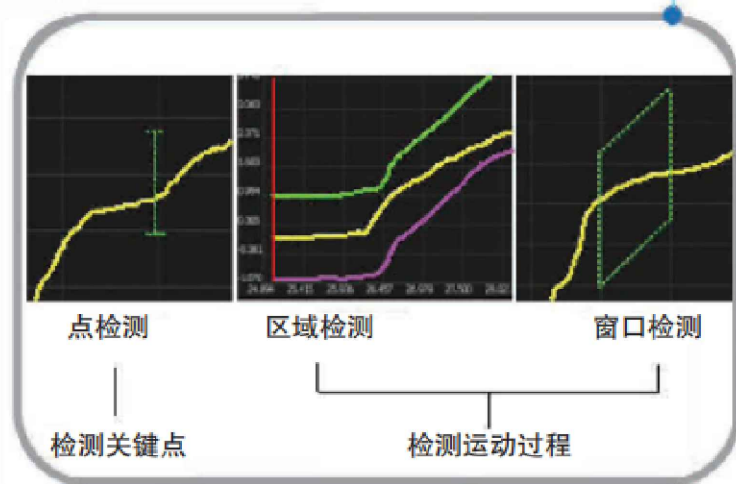
伺服压机  
Servo press

模块化应用 Modular application

CMC 伺服压装系统可以通过工业以太网或 I/O 实现与其它控制系统的交互。  
CMC servo press fit system can interact with other control systems through industrial Ethernet or I / O.

品质检测过程

压装过程

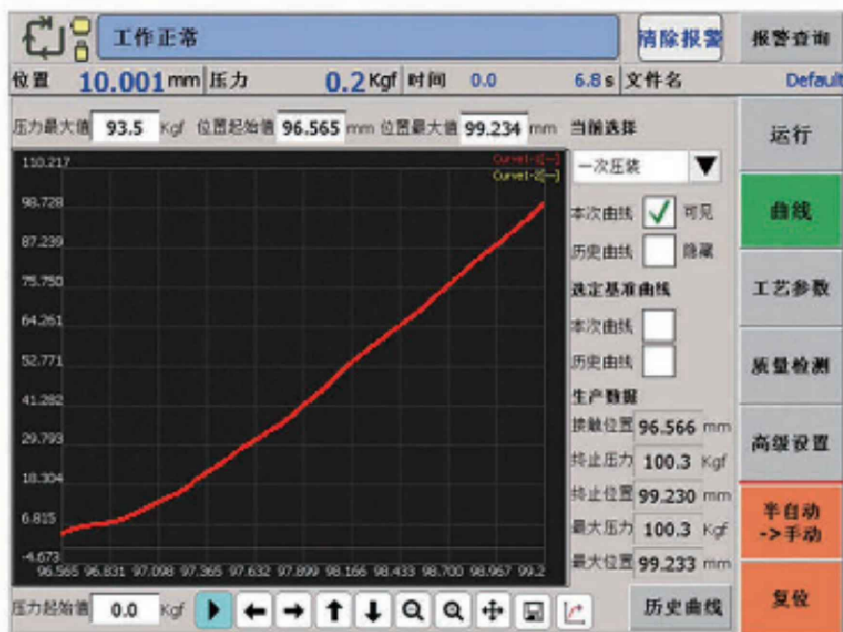


*CMC* 单轴  
1-axis工业软件  
Industrial software伺服压机  
Servo press

## 功能说明 Function description

软件基于 windows 平台，软件界面友好，操作简单，支持二次开发。实现压装工艺流程编制，压力位移曲线、压力时间曲线实时显示，一个工件多个压装步骤、多条压装曲线同时显示。支持判断窗口、包络线、测量等评估功能，输出 OK/NG 结果，用户等级化管理可以设置不同权限，压装历史记录、操作日志、报警日志方便查询。C M C 工业软件支持 MS SQL、Access 等主流数据库格式。提供了众多与外围设备进行通信的接口，支持多种工业现场总线：Profinet、EtherNet/IP、EtherCAT 等。

The software is based on Windows platform, with friendly interface, simple operation and supporting secondary development. Realize the compilation of press fitting process flow, real-time display of pressure displacement curve and pressure time curve, support multiple press fitting curves, support judgment window, envelope line, measurement and other evaluation functions, output OK / ng results, user hierarchical management can set different permissions, press fitting history record, operation log and alarm log for easy query. C M C industrial software supports mainstream database formats such as MS SQL and access, and provides many interfaces for communication with peripheral devices. Including qs-stat data interface and the following industrial field bus: PROFINET, Ethernet / IP, EtherCAT and other protocols.



## 力位曲线

位置曲线数据实时保存，  
还原压装过程，  
方便追溯分析。

如上图，在压装机软件界面，根据采集到的压力传感器数据，实时生成正在压装的曲线，并且可以将每次压装的曲线的数据和截图保存下来，支持保存到本地或者 U 盘。

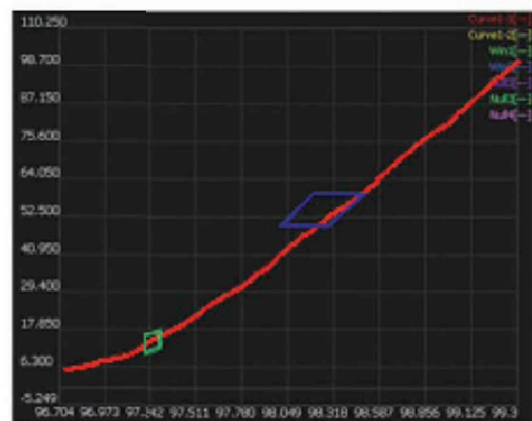
功能说明 Function description

伺服压装系统具有 14 个输入信号和 12 个输出信号的外部 I/O 接口，其中可编程的为 4 个输入和 4 个输出信号。

The servo press mounting system has 14 input signals and 12 output signals external I / O interfaces, among which 4 input signals and 4 output signals are programmable.



**质量判断**  
多种实时检测方式，  
配合高频采样进行检测，  
使品控更可靠。



区域检测如上图，以某次压装的曲线为基准，设置好上下限，即可在曲线界面生成一个包络线，在包络线内的曲线数据，才合格。

CMC 单轴  
1-axis

工业软件  
Industrial software

伺服压机  
Servo press

## 功能说明 Function description

每次压装过程支持5组点、窗口、包络线等检测模式，再结合特殊点进行压装质量判断。

Each press fitting process supports 5 groups of points, windows, envelope and other detection modes, and then combines the special points to judge the press fitting quality.

压装曲线实时显示，曲线采样速度为 1000 点 / 秒，压装生产数据全程记录方便追溯。

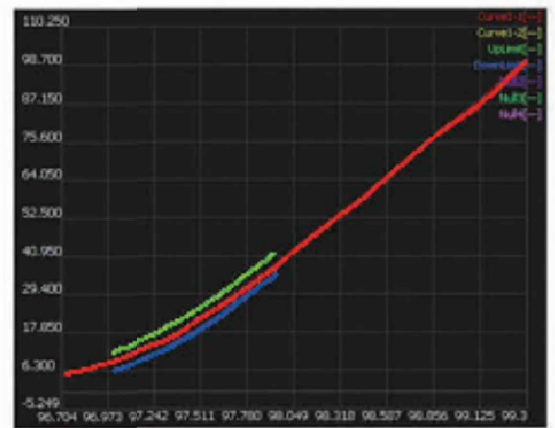
The pressing curve is displayed in real time, the curve sampling speed is 1000 points / second, and the whole process of pressing production data is recorded for easy tracing.



## 质量判断



多种实时检测方式，  
配合高频采样进行检测，  
使品控更可靠。



窗口检测如上图，设置好窗口四边形四个点的参数，便会在曲线界面生成一个“窗口只有通过这个“窗口”的曲线，才合格。这样的窗口可以设置 5 个。

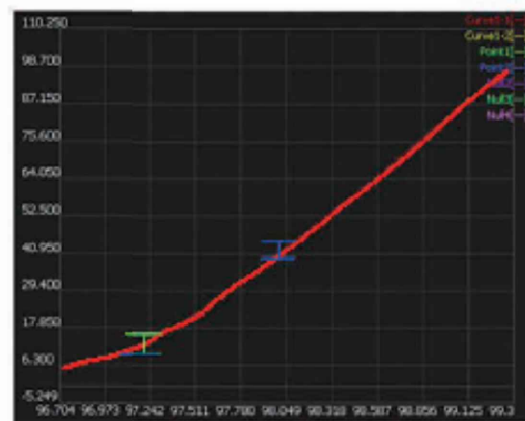
功能说明 Function description

控制箱将伺服运动控制、压力检测、I/O 接口、滤波、电源等一体化设计，解决了干扰、粉尘、散热等问题，维护性高、稳定性好，线缆接口防呆设计、全部采用插头方式，连接方便。

The control cabinet is integrated designed the servo motion control, pressure detection, I/O interface, filtering, power supply to servo motion control, pressure detection, I/O interface, filtering, power supply and other integrated design problems, with high maintenance, good stability, cable interface error-proof design. All use plug mode, which is easy to connect.



**质量判断**  
多种实时检测方式，  
配合高频采样进行检测，  
使品控更可靠。



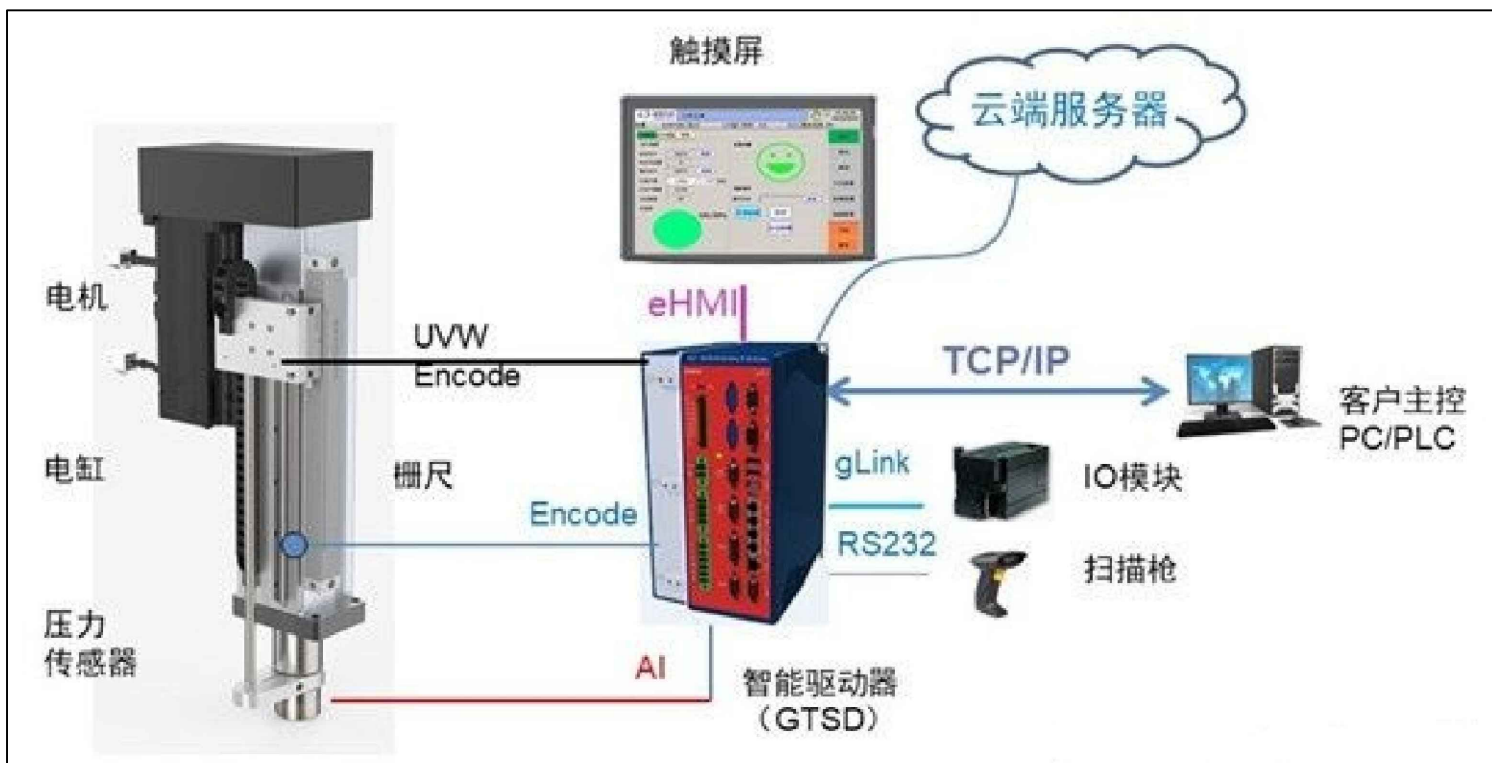
点检测如上图，针对曲线数据的某个点，设置好上下限，在上下限范围内的数据点，才合格。这样的点检测可以设置 5 个。

CMC 单轴  
1-axis

标准模块  
Industrial software

伺服压机  
Servo press

产品简介 Product introduction



## NMT-标准模块

结构组成：CMC伺服电缸，智能驱动器，触摸屏，CMC全闭环控制系统，CMC光栅尺，压力传感器，CMC压力放大器

- 基于驱控一体的智能控制单元。
- intelligent control unit based on drive control integration.
- 位置、压力全闭环。
- full closed loop of position and pressure.
- 实时显示位置、压力、速度、电流。
- real time display of position, pressure, speed and current.
- 多种质量判断模式，满足全过程精密品质检测。
- multiple quality judgment modes to meet the whole process precision quality detection.
- 高性能运动控制算法。
- high performance motion control algorithm.



伺服压装设备  
SERVO PRESS FIT EQUIPMENT

伺服压机  
Servo press

产品简介 Product introduction



### 结构特点

采用四柱式高刚性机架，搭配伺服电缸、压力传感器和高分辨率光栅尺，结合CMC全闭环智能驱控平台，实现高精度压装。

- 全闭环位置、压力控制，有效消除不同负载下机架、同步带变形等引起的压头位置变化，保证产品一致性。
- 压装过程使用运动控制算法，位置、压力不易过冲，减少生产废品。拥有多种压装模式，通过组合进行多段复合压装。
- 每次压装过程支持5组点、窗口、包络线等检测模式，再结合特殊点进行压装质量判断。
- 压装曲线实时显示，曲线采样速度为 1000 点 / 秒，压装生产数据全程记录方便追溯。

### 标准配置

- |             |                 |
|-------------|-----------------|
| 1. CMC系列电缸  | 2. 触摸显示屏        |
| 3. 双手安全按钮   | 4. 驱控一体机        |
| 5. 急停开关按钮   | 6. 数据传输接口       |
| 7. 安全光幕     | 8. 高精度光栅尺       |
| 9. 三色灯      | 10. 高精度压力传感器    |
| 11. 全闭环智能系统 | 12. 220V/380V线缆 |

**ET - NMT - S0 - T100 - V100 - E100**

系列型号  
Model

标准模块  
Standard module

安装方式  
Installation method

最大压力  
Maximum pressure

最大速度  
Maximum speed

有效行程  
Effective travel

NMT: 标准模块

S0: 四柱机体

T500: 500kg

V100: 100mm/s

E100: 100mm

NMC: 压机设备

C0: C型机体

T1000: 1000kg

V200: 200mm/s

E200: 200mm

T3000: 3000kg

V500: 500mm/s

E500: 500mm

T5000: 5000kg

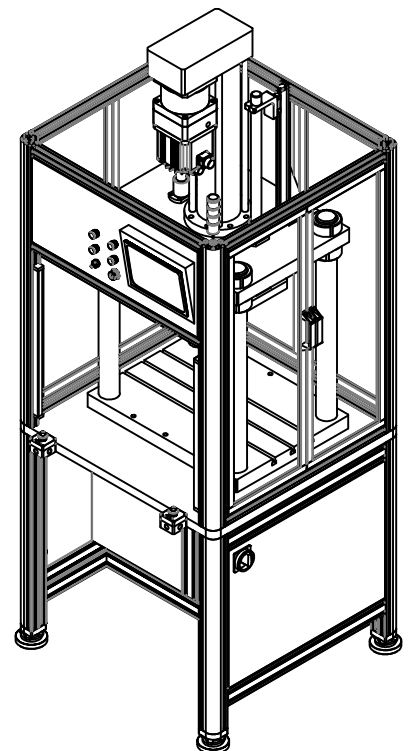
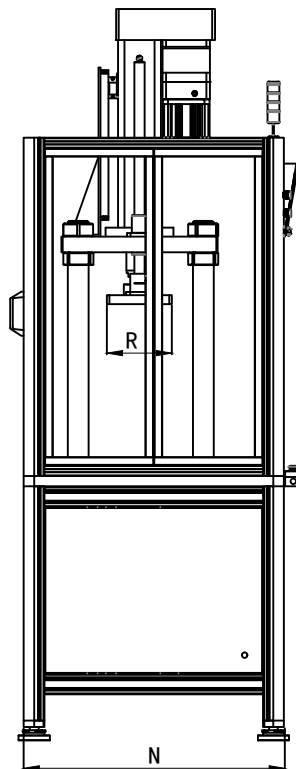
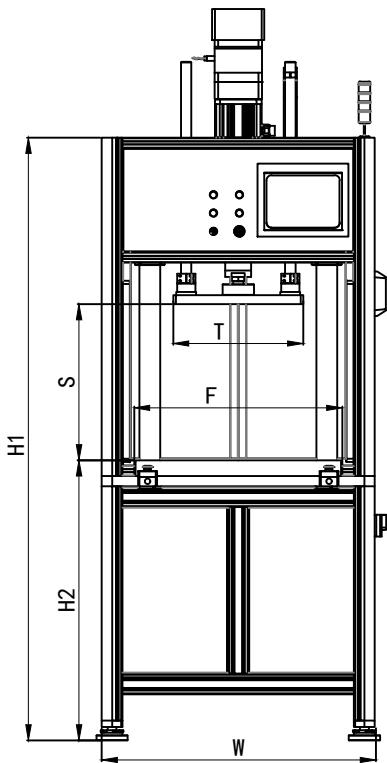
V1000: 1000mm/s

E600: 600mm

T10000: 10000kg

*CMC* 单轴  
1-axis伺服压装设备  
SERVO PRESS FIT EQUIPMENT伺服压机  
Servo press

产品尺寸 Product size



| 型号<br>Model                | 行程<br>stroke | H1 (mm) | H2 (mm) | W (mm) | S (mm) | F (mm) | T (mm) | N (mm) | R (mm) |
|----------------------------|--------------|---------|---------|--------|--------|--------|--------|--------|--------|
| ET-NMC-S0-T500-V100-E300   | 300          | 1330    | 750     | 750    | 400    | 400    | 320    | 750    | 200    |
| ET-NMC-S0-T1000-V100-E300  | 300          | 1430    | 800     | 800    | 500    | 500    | 370    | 800    | 200    |
| ET-NMC-S0-T3000-V100-E300  | 300          | 1641    | 851     | 900    | 500    | 600    | 400    | 900    | 220    |
| ET-NMC-S0-T5000-V100-E300  | 300          | 1955    | 952     | 1000   | 600    | 700    | 500    | 1000   | 250    |
| ET-NMC-S0-T10000-V100-E300 | 300          | 2317    | 1077    | 1050   | 600    | 800    | 500    | 1000   | 250    |

\*以上尺寸仅为参考，实际已厂家设计出图为准。The above dimensions are for reference only, and the actual drawings designed by the manufacturer shall prevail.





伺服压装设备  
SERVO PRESS FIT EQUIPMENT

伺服压机  
Servo press

产品简介 Product introduction



### 结构特点

采用简洁高刚性一体式加工机架，搭配高性能伺服电缸，结合CMC驱控平台，实现高精度压装。

●压力、电流和位置实时保护，避免意外撞击或工件来料超差造成负载压力过大，损坏传感器或工装。

●拥有多种压装模式，通过组合进行多段复合压装。

●每次压装过程支持 5 组点、窗口、包络线等检测模式，再结合特殊点进行压装质量判断。

●压装曲线实时显示，曲线采样速度为 1000 点/秒，压装生产数据全程记录方便追溯。安装部署便捷快速，操作简单易懂，工艺切换方便。

### 标准配置

- |                |              |
|----------------|--------------|
| 1. CMC系列电缸     | 2. 驱控一体机     |
| 3. 脚踏启动        | 4. 全闭环智能系统   |
| 5. 急停开关按钮      | 6. 数据传输接口    |
| 7. 电柜          | 8. 高精度光栅尺    |
| 9. 220V/380V线缆 | 10. 高精度压力传感器 |

**ET - NMT - S0 - T100 - V100 - E100**

系列型号  
Model

标准模块  
Standard module

安装方式  
Installation method

最大压力  
Maximum pressure

最大速度  
Maximum speed

有效行程  
Effective travel

NMT: 标准模块

S0: 四柱机体

T500: 500kg

V100: 100mm/s

E100: 100mm

NMC: 压机设备

C0: C型机体

T1000: 1000kg

V200: 200mm/s

E200: 200mm

T3000: 3000kg

V500: 500mm/s

E500: 500mm

T5000: 5000kg

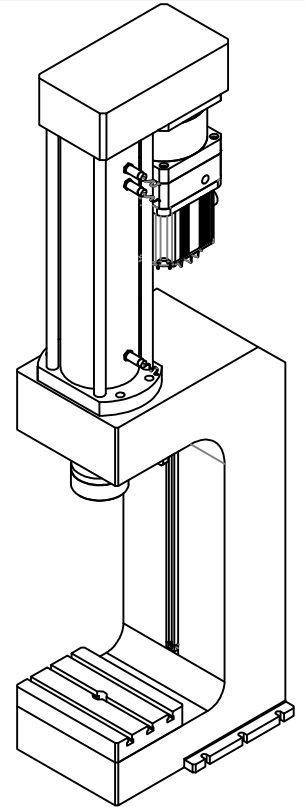
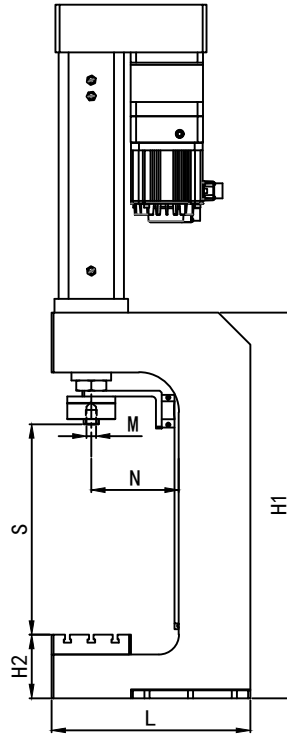
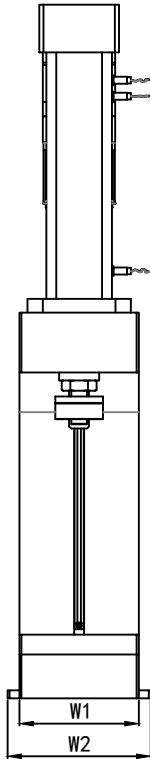
V1000: 1000mm/s

E600: 600mm

T10000: 10000kg

*CMC* 单轴  
1-axis伺服压装设备  
SERVO PRESS FIT EQUIPMENT伺服压机  
Servo press

产品尺寸 Product size



| 型号<br>Model                | 行程<br>stroke | H1 (mm) | H2 (mm) | W1 (mm) | W2 (mm) | S (mm) | L (mm) | N (mm) | M (mm)  |
|----------------------------|--------------|---------|---------|---------|---------|--------|--------|--------|---------|
| ET-NMC-S0-T500-V100-E300   | 300          | 800     | 110     | 200     | 250     | 350    | 350    | 120    | M16*1.5 |
| ET-NMC-S0-T1000-V100-E300  | 300          | 900     | 130     | 220     | 280     | 450    | 420    | 150    | M16*1.5 |
| ET-NMC-S0-T3000-V100-E300  | 300          | 920     | 140     | 250     | 310     | 470    | 450    | 170    | M16*1.5 |
| ET-NMC-S0-T5000-V100-E300  | 300          | 950     | 150     | 280     | 340     | 510    | 480    | 200    | M32*1.5 |
| ET-NMC-S0-T10000-V100-E300 | 300          | 970     | 160     | 300     | 360     | 530    | 500    | 220    | M32*1.5 |

\*以上尺寸仅为参考，实际已厂家设计出图为准。The above dimensions are for reference only, and the actual drawings designed by the manufacturer shall prevail