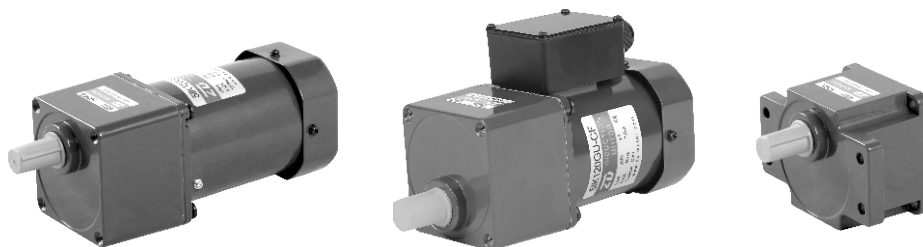


# 感应电动机 INDUCTION MOTORS

■ 120W □ 90mm



## 规格 Specs 连续额定 Continuous Rating

| 型号 Model · 类型 Type<br>上段: 齿轮轴 Upper: Pinion Shaft<br>下段()内: 圆轴 Below: Round Shaft |                                              | 输出功率<br>Output Power<br>W | 电压<br>Voltage<br>V | 频率<br>Frequency<br>Hz | 电流<br>Current<br>A | 启动转矩<br>Starting Torque<br>mN.m | 额定转矩<br>Rated Torque<br>mN.m | 额定转速<br>Rated Speed<br>r/min | 电容器容量<br>Capacitor<br>μF |
|-----------------------------------------------------------------------------------|----------------------------------------------|---------------------------|--------------------|-----------------------|--------------------|---------------------------------|------------------------------|------------------------------|--------------------------|
| 导线型<br>Lead Wire Type<br>外形图Dimensions①                                           | 带端子箱型<br>Terminal Box Type<br>外形图Dimensions② |                           |                    |                       |                    |                                 |                              |                              |                          |
| 5IK120GU-AF<br>( 5IK120A-AF )                                                     | 5IK120GU-AFT<br>( 5IK120A-AFT )              | 120                       | 1ph 100            | 50                    | 2.10               | 600                             | 930                          | 1250                         | 30.0                     |
|                                                                                   |                                              |                           |                    | 60                    | 2.50               |                                 | 750                          | 1550                         |                          |
| 5IK120GU-EF<br>( 5IK120A-EF )                                                     | 5IK120GU-EFT<br>( 5IK120A-EFT )              | 120                       | 1ph 110            | 60                    | 1.65               | 600                             | 750                          | 1550                         | 25.0                     |
|                                                                                   |                                              |                           | 1ph 120            |                       | 1.80               |                                 |                              |                              |                          |
| 5IK120GU-CF<br>( 5IK120A-CF )                                                     | 5IK120GU-CFT<br>( 5IK120A-CFT )              | 120                       | 1ph 220            | 50                    | 1.00               | 650                             | 930                          | 1250                         | 7.0                      |
|                                                                                   |                                              |                           | 1ph 230            |                       | 0.95               |                                 |                              |                              |                          |
| 5IK120GU-HF<br>( 5IK120A-HF )                                                     | 5IK120GU-HFT<br>( 5IK120A-HFT )              | 120                       | 1ph 220            | 60                    | 1.00               | 600                             | 750                          | 1550                         | 7.0                      |
|                                                                                   |                                              |                           | 1ph 230            |                       | 0.95               |                                 |                              |                              |                          |
| 5IK120GU-SF<br>( 5IK120A-SF )                                                     | 5IK120GU-SFT<br>( 5IK120A-SFT )              | 120                       | 3ph 220            | 50                    | 0.70               | 1850                            | 930                          | 1250                         | -                        |
|                                                                                   |                                              |                           |                    | 60                    | 0.60               | 1600                            | 750                          | 1550                         |                          |
| 5IK120GU-S3F<br>( 5IK120A-S3F )                                                   | 5IK120GU-S3FT<br>( 5IK120A-S3FT )            | 120                       | 3ph 380            | 50                    | 0.40               | 1850                            | 930                          | 1250                         | -                        |
|                                                                                   |                                              |                           |                    | 60                    | 0.35               | 1600                            | 750                          | 1550                         |                          |

## 种类 Type

● 电动机 Motor

| 机型<br>Type                 | 型号 Model             |                    |
|----------------------------|----------------------|--------------------|
|                            | 齿轮轴型<br>Pinion Shaft | 圆轴型<br>Round Shaft |
| 导线型<br>Lead Wire Type      | 5IK120GU-AF          | 5IK120A-AF         |
|                            | 5IK120GU-EF          | 5IK120A-EF         |
|                            | 5IK120GU-CF          | 5IK120A-CF         |
|                            | 5IK120GU-HF          | 5IK120A-HF         |
|                            | 5IK120GU-SF          | 5IK120A-SF         |
|                            | 5IK120GU-S3F         | 5IK120A-S3F        |
| 带端子箱型<br>Terminal Box Type | 5IK120GU-AFT         | 5IK120A-AFT        |
|                            | 5IK120GU-EFT         | 5IK120A-EFT        |
|                            | 5IK120GU-CFT         | 5IK120A-CFT        |
|                            | 5IK120GU-HFT         | 5IK120A-HFT        |
|                            | 5IK120GU-SFT         | 5IK120A-SFT        |
|                            | 5IK120GU-S3FT        | 5IK120A-S3FT       |

● 平行轴减速器 (另售) Parallel Shaft Gearhead (Sold Separately)

| 减速器种类<br>Gearhead Type           | 减速器型号<br>Gearhead Model           | 减速比<br>Gear Ratio                                                            |
|----------------------------------|-----------------------------------|------------------------------------------------------------------------------|
| 长寿命●低噪音<br>Long Life ● Low Noise | 5GU□KB                            | 3、3.6、5、6、7.5、9、10、12.5、15、18、20、25、30、36、40、50、60、75、90、100、120、150、180、200 |
|                                  | 5GU10XK ( 中间减速器 Middle Gearhead ) |                                                                              |

容许力矩单位 Allowance Torque Unit : 上段 Upside ( N.m ) /下段 Belowside ( kgf.cm )

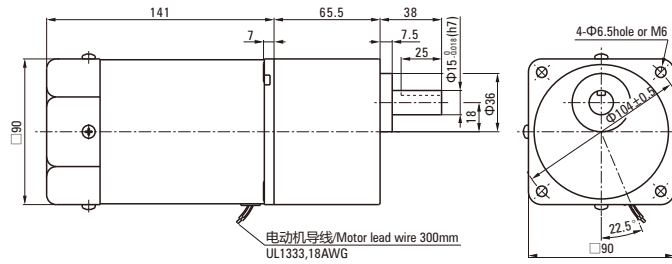
| 类型 Type<br>电动机/减速机<br>Motor/Gearhead                                         | 减速比<br>Gear Ratio | 转 速<br>Speed r/min | 3    | 3.6  | 5    | 6    | 7.5  | 9    | 10   | 12.5 | 15   | 18   | 20   | 25   | 30   | 36   | 40   | 50   | 60   | 75   | 90   | 100  | 120  | 150  | 180  | 200  |
|------------------------------------------------------------------------------|-------------------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                                                              |                   |                    | 50Hz | 417  | 300  | 250  | 200  | 166  | 150  | 120  | 100  | 83   | 75   | 60   | 50   | 41   | 37   | 30   | 25   | 20   | 16   | 15   | 12.5 | 10   | 8.3  | 7.5  |
|                                                                              |                   | 60Hz               | 600  | 500  | 360  | 300  | 240  | 200  | 180  | 144  | 120  | 100  | 90   | 72   | 60   | 50   | 45   | 36   | 30   | 24   | 20   | 18   | 15   | 12   | 10   | 9    |
| 5IK120GU-AF□<br>5IK120GU-EF□<br>5IK120GU-CF□<br>5IK120GU-HF□<br>5IK120GU-SF□ | 5GU□KB<br>5GU□K   | 50Hz               | 2.30 | 2.70 | 3.80 | 4.50 | 5.60 | 6.80 | 7.01 | 8.50 | 10.2 | 12.2 | 12.5 | 15.3 | 18.4 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
|                                                                              |                   |                    | 23.4 | 27.5 | 38.7 | 45.9 | 57.1 | 69.3 | 71.5 | 86.7 | 104  | 124  | 128  | 156  | 187  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  |
|                                                                              |                   | 60Hz               | 1.80 | 2.20 | 3.00 | 3.60 | 4.60 | 5.50 | 5.73 | 6.80 | 8.20 | 9.80 | 10.1 | 12.4 | 14.9 | 17.8 | 19.5 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
|                                                                              |                   |                    | 18.3 | 22.4 | 30.6 | 36.7 | 46.9 | 56.1 | 58.5 | 69.5 | 83.6 | 100  | 103  | 126  | 152  | 181  | 199  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  | 200  |

外形图 ( 单位 mm ) Dimensions (Unit mm)

导线型 Lead Wiring Type ①

重量 Weight : 电动机 Motor : 3.4kg

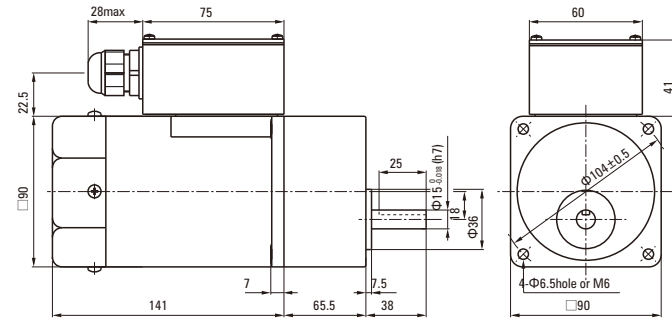
减速机 Gearhead : 1.5kg



带端子箱型 Terminal Box Type ②

重量 Weight : 电动机 Motor : 3.55kg

减速机 Gearhead : 1.5kg



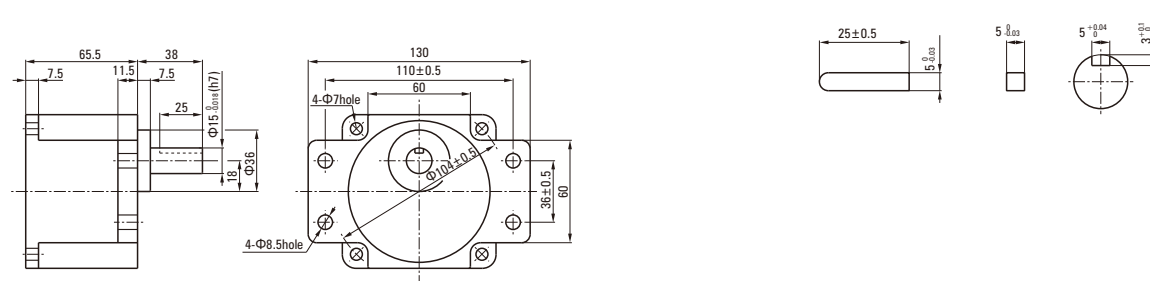
凸缘安装型减速机 Flange Mounting Reducer

5GU□K

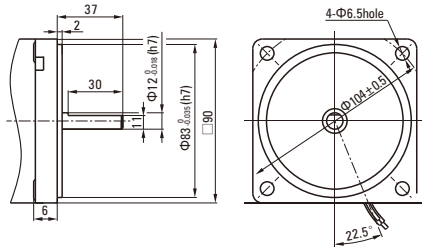
重量Weight:1.5kg

键 · 键槽 ( 减速机附件 )

Key · Keyway (Accessory Of Gearhead)

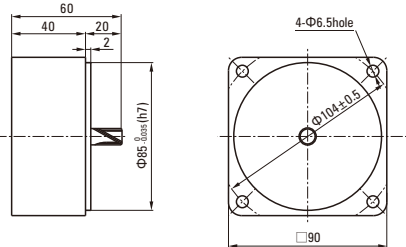


● 圆轴型的转轴部分 Shaft Section Of Round Shaft Type



● 中间减速器 Middle Gearhead

5GU10XK  
重量 Weight : 0.65kg



■ 连接图 Wiring Diagram

| 导线型 Lead Wire Type                                                                                        |                    |              |
|-----------------------------------------------------------------------------------------------------------|--------------------|--------------|
|                                                                                                           |                    |              |
| 5IK90GU-SF(S3F)                                                                                           |                    |              |
| 顺时针方向CW                                                                                                   | 逆时针方向CCW           | 顺时针方向CW      |
|                                                                                                           |                    |              |
| 电容器<br>Capacitance                                                                                        | 电容器<br>Capacitance | 电动机<br>Motor |
| 逆时针方向CCW                                                                                                  |                    |              |
| 若对换R、S、T中任意二条，电动机作逆时针方向运转<br>To change the rotation direction change any two connections among R, S and T |                    |              |
| 5IK90GU-SFT(S3FT)                                                                                         |                    |              |
| 顺时针方向CW                                                                                                   | 逆时针方向CCW           | 顺时针方向CW      |
|                                                                                                           |                    |              |
| 电容器<br>Capacitance                                                                                        | 电容器<br>Capacitance | 电动机<br>Motor |
| 逆时针方向CCW                                                                                                  |                    |              |
| 若对换U、V、W中任意二条，电动机作逆时针方向运转<br>To change the rotation direction change any two connections among U, V and W |                    |              |