

产品一览 INTEGRATED PRODUCT

微型交流齿轮减速电机6W-1500W



中空、中实直角齿轮减速电机25W-1500W



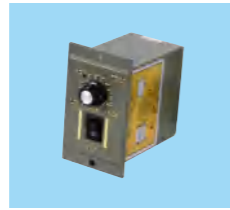
直线减速电机6W-1500W



直流齿轮减速电机 6W-750W



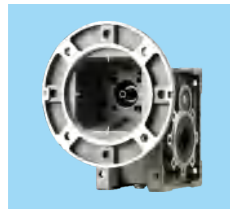
调速器



小型交流齿轮减速电机0.1KW-7.5KW



斜齿-准双曲面齿轮减速器



HG直交轴齿轮减速电机



磁力泵



变频器



高精度/经济型行星减速器



精密步进57BYG-86BYG



伺服电机60SY-180SY



蜗轮减速器030-150



无刷电机



产品目录 PRODUCT CATALOG

微型交流齿轮减速电机6W-1500W
MICRO AC GEAR MOTOR

P1-35

中空、中实直角齿轮减速电机25W-1500W
HOLLOW, SOLID RIGHT ANGLE GEAR MOTORS

P36-53

直线减速电机6W-1500W
LINEAR TYPE REDUCER

P54-60

力矩电机3W-200W
TORQUE MOTORS

P61-64

直流齿轮减速电机 6W-750W
DC GEAR MOTOR

P65-74

无刷电机
BRUSHLESS MOTOR

调速器
SPEED CONTROLLER

P75-78

小型交流齿轮减速电机0.1KW-7.5KW
SMALL GEAR REDUCTION MOTOR

P79-107

斜齿-准双曲面齿轮减速器
HELICAL-HYPOID GEAR UNITS

P108-134

HG直交轴齿轮减速电机25W-750W
BEVEL HELICAL GEAR MOTORS

P135-138

磁力泵 15R-120R
magnetic drive pump

P139

变频器

P140-171

高精度/经济型行星减速器PL/WPL/PF/WPF/PS
PLANETARY GEAR BOX

P172-191

精密步进57BYG-86BYG/伺服电机60SY-180SY/驱动器
STEPPER MOTOR/SERVO MOTOR/MOTOR DRIVE

P192-208

蜗轮减速器030-150
WORM GEAR SPEED REDUCER SERIES

P209-226

微型交流齿轮减速电机

MICRO AC GEAR MOTOR

6W-1500W



微型交流齿轮减速电机选型参考

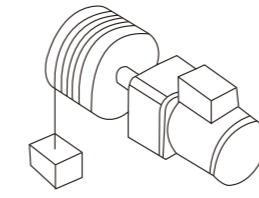
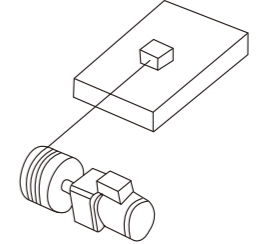
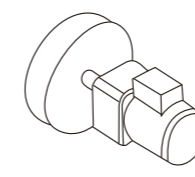
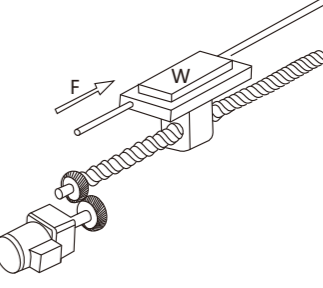
MICRO AC GEAR MOTOR SERIES PRODUCT MODEL EXPLANATION

选型计算 CALCULATION FOR SELECTION

在电机和减速器的选型中，首先要确认负载的工作状况，并在此基础上对负载进行计算，如所需的扭矩、运行速度等，从而确定所配套电机、减速器型号，进而根据安装要求，确定电机，减速箱的结构形式。

In selecting the most suitable motor and reducer, the working conditions of the load must be ascertained first before load calculations are performed, then, decide the model of the matching motor and gearbox required, and finally decide in the installation structure for the motor and gearbox according to installation requirements.

负载功率计算 CALCULATION FOR LOAD POWER

| | | |
|---|---|--|
| 皮带输送的负载计算 Load calculation of conveyance belt | $Pz = \frac{(P1 + P2 + P3)100}{\eta} (W)$ $P1 = 9.8\mu WV L (W)$ $P2 = \frac{\mu QL}{367} (W)$ $P3 = \frac{\pm QH}{367} (W)$ | L: 输送带长度 (M) length of the belt W: 输送带比重 (kgf/m) specific weight of the conveyance μ : 摩擦系数 Friction coefficient V: 输送带速度 Velocity of the conveyance belt Q: 输送能力 (kgf/h) Capacity of conveyance H: 输送带两端的高度差 (m) Height difference between both ends of the belt |
| 缠绕升降 Winding up/lifting up the load | $Pz = \frac{WV \times 100}{6.12 \eta} (W)$ Pz: 总负载功率 Load power W: 负载重量 (kgf) Weight of load V: 升降速度 (m/min) Speed η : 效率 (%) Efficiency | 水平牵引 Traveling on flat surface |
| 回转轮驱动 Driving flywheel load | $Pz = 1.027nT (W)$ $T \approx \frac{GD^2 \times n}{375 T} (kgf.m)$ 总负载功率 Pz: Load power (kgf.m) T: 转矩 (kgf.m) Torque n: 转速 (r/min) Speed GD^2 : 回转体转动惯量 (kgf.m ²) Flywheel effect | 驱动滚珠丝杆 Driving ball screw |
|  | |  $Pz = \frac{\mu WV}{6.12} (W)$ Pz: 总负载功率 Load power W: 负载重量 (kgf) Weight of load V: 运行速度 (m/min) Speed μ : 摩擦系数 Friction coefficient |
|  | |  $T \approx \frac{P}{2TT} (F + \mu W) (kgf.m)$ T: 转矩 (kgf.m) Torque P: 导程 (m) Lead F: 外力 (kgf) External force W: 负载重量 (kgf) Weight of load μ : 摩擦系数 (0.5-0.2) Friction coefficient |

减速器传动效率 Transmission efficiency of the gear reducers

| 型号 Type | 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 | 250 | 300 |
|--------------------|-----|-----|---|---|-----|-----|----|------|----|----|-----|----|----|----|----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| 2GN/3GN/4GN | 82% | | | | | | | | | | 75% | | | | | 66% | | | | | | | | | | |
| 5GN/5GU 6GU/7GU | 81% | | | | | 75% | | | | | 66% | | | | | 59% | | | | | | | | | | |

安全注意事项 SAFETT CAUTIONS

■ 总体 AS A WHOLE

请不要在齿轮箱及电机铭牌或产品目录的规格以外使用，以免触电、受伤及损坏装置。
请不要把手指或物品放入齿轮箱或电机开口部位，以免触电、受伤、发生火灾及损坏装置等。
请不要使用带伤的齿轮箱或电机，以免有可能受伤、发生火灾等。

请不要拆下铭牌。

由客户对产品私自进行改造的，不属于保修范围，本公司不承担任何责任。

Please don't use motor out of the range of gear box and motor and the specification of product catalogue, avoiding getting an electric shock , hurting or damaging the device.

Please don't put your fingers and things into the opening part of gear or motor , in order to prevent getting an electric shock, hurting catching a fire or damaging device etc.

Please don't use the injured gearhead or motor, in order to prevent hurting , catching a fire etc.

Please do not put off the nameplate .

If the products are reformed by the customers personally, it no longer belonger to the guarantee scope, and our company doesn't undertake any responsibility.

■ 搬动 MOVING

搬动时，若发生脱落或倾倒，是很危险的，请充分注意。

When you move it, if it shed off or tie to one side , it is very dangerous, please pay more attention.

■ 安装 ASSEMBLY

请绝对不要在齿轮箱和电机周围放置可燃物，以免发生火灾。

请不要在电机周围放置物品，影响电机通风、冷却、甚至因异常多热而烫伤或发生火灾。

裸手请不要触碰齿轮及电机轴端部、齿轮部的键槽，以免受伤。

在食品机械等可能发生烟的装置中，请在安装部位另加一个能盛油的油杯，防止万一漏油对产品有不良的影响。

Please never put the flammable thing near the gearhead and motor, for fear of a fire .

Please do not put the things around motor , otherwise it can effect ventilation and cooling , even burning or catching a fire because of too hot.

Please do not touch the gear, the top of the motor shaft and the key slot of the gear with naked ,or you may be hurt.

The device may creating the smoke ,such as food machine, please add an oil cup in the assembly part, to prevent leaking oil which may have a bad effect on the products.

■ 对主机机械的连接 ASSEMBLY THE MAIN MACHINE

在旋转部分，请设安全罩等，防止受伤。

在与对方机械连结前，请确认旋转方向。若旋转方向不正确，有可能受伤或破坏装置。

Please set a safe cover above the revolving part, to prevent being hurt.

Before linking go the other part machine, please confirm the revolving direction. if the direction is not right , it may hurt the gear motor or destroy the device.

■ 配线 WIRING

在测量绝缘电阻时，请不要接触端子，以免触电的危险。

Please don't get in touch with terminal, when you measure insulated resistance, prevent the danger of getting an electric shock.

危险 DANGER

■ 配线 WIRING

请按照接线图或使用说明书实施与电源的连接，以免触电或发生火灾。（无端子箱的，请确实加强连接部分的绝缘）

对电源电缆和电机引线，请不要过分弯曲、拉伸、夹紧、以免触电危险。

接地端子应牢固接地，以免触电危险。务必使用符合铭牌要求的电源，以免烧毁电机、发生火灾。

Please link with the electrical source according to wire diagram and usage manual, in order to prevent getting an electric shock or catching a fire , (no terminal box ,please strengthen the insulatin of the connection part surely)

Reafferring to the electrical source cable and the motor wire, please do not bend, stretch, and clip tightly excessively, in order to prevetnt getting an electric shock.

The terminal box connecting to the ground must be firm, in order to prevent getting an electric shock . please adopt the electical source according to the nameplate , to avoid burning the motor and catching a fire.

■ 运转 OPERATION

在运转中，绝对不要接近或接触旋转物体（轴等）。有卷入或受伤时，请马上切断电源开关，及时处理。

停电时，请务必切断电源开关，防止来电后伤人或破坏装置。

请注意，带有热保护器的电机，当电机温升异常时会自动切断电源，当电机温升下降到一定值时，电机会自动恢复工作。

（注：电机在没有烧毁的情况下，会自动恢复）

When operating , do not get close to or touch the revolving parts(shaft).If something or somebody engulfs or hurts , Please turn off the electrical power switch right and handle at once.

Please turn off the electrical power switch when electricity stops , in order to prevent hurting the person and damaging the device.

Please note , motor with the thermal protector ,when temperature of the motor is unusual , it will turn off the electical source automatically ,when the temperature of the motor fall down to a fixed data, the motor can work automatically.

(Note: when the motor is not burned-out,the motor can work automatically.)

■ 日常检查保养 THE DAILY CHECK AND MAINTAIN

在平常时，保护电机在正常的工作运转。（特殊型号除外） 检查时，请绝对不要接触旋转物体（轴等）。可能卷入、受伤。

In daily,you should keep the motor operating in the nrmal work environment. (Except the special model)

While checking , please do not get close to or touch the revolving parts (shaft).Something or somebody may engulf or hurt.

■ 接受货物时的检查 RECEIVING CONFIRM

请确认现货是否与订货一样。选择错误的产品，有可能导致电机或破坏装置。

Please confirm if it is the right one with the order when receiving. Choosing wrong products,probably leads to damage of motor or damage the device etc.

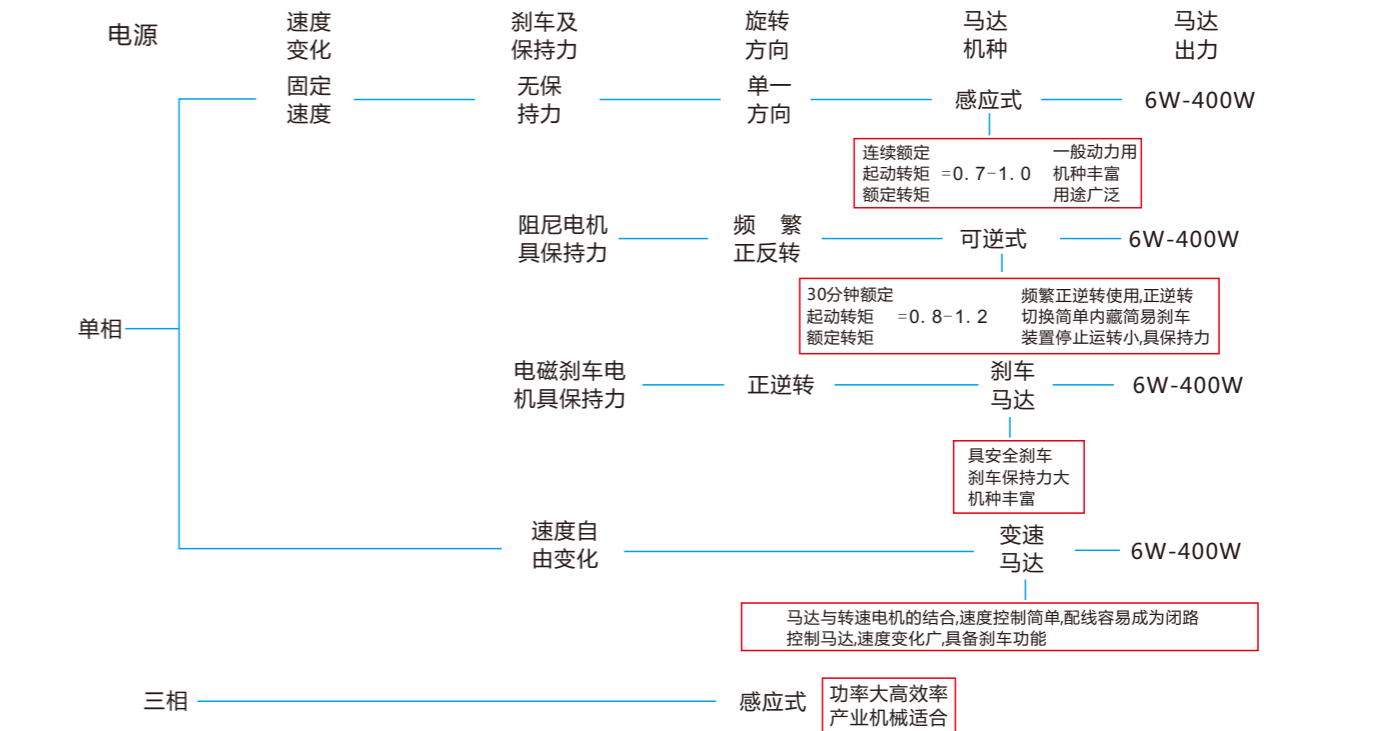
微型交流齿轮减速电机型号定义 MICRO AC GEAR MOTOR SERIES PRODUCT MODEL EXPLANATION

■ 电机型号

| | 5 | I | K | 40 | R | GN | -C | F |
|---|---|---|---|-----------|----------|-----------|-----------|----------|
| | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |
| ① | 电动机的尺寸 Motor Frame Size | 0:42mm | 2:60mm 3:70mm 4:80mm 5:90mm 6:104mm 7:120mm | | | | | |
| ② | 机型名称 Motor Type | I：感应电机 Induction Motor R：可逆阻尼电动机 Reversible Motor T：力矩电机 | | | | | | |
| ③ | 系列名称 Series | K：K系列 K Series | | | | | | |
| ④ | 输出功率 Output Power(W) | 40：40W | | | | | | |
| ⑤ | R表示带调速电机；无：表示定速电机 | The Suffix "R" after the Output Power Means Speed Adjustable Motor. | | | | | | |
| ⑥ | 输出轴形状 Motor Shaft Type | GN:常规齿轮轴 Pinion Shaft GU:加强齿轮轴 Pinon Shaft A：圆轴型/铣扁型 Round Shaft | | | | | | |
| ⑦ | 电源电压极数/转速 Voltage Poles/speed | A：单相 Single-Phase110V 50/60HZ 4P 1400rpm C：单相 Single-Phase220V 50/60HZ 4P 1400rpm S：三相 Three-Phase220V 50/60HZ 4P 1400rpm U：三相 Three-Phase380V 50/60HZ 4P 1400rpm Y：三相 Three-Phase220V/380 50/60HZ 4P 1400rpm A：单相 Single-Phase110V 50/60HZ 2P 2800rpm C：单相 Single-Phase220V 50/60HZ 2P 2800rpm S：三相 Three-Phase220V 50/60HZ 2P 2800rpm U：三相 Three-Phase380V 50/60HZ 2P 2800rpm | | | | | | |
| ⑧ | T：带接线盒 Terminal Box Type F：带风扇 W/Fan M：电磁制动刹车 Electromagnetic Brake P：温控开关 Thermally | | | | | | | |

■ 减速器 GEARHEAD

| | 5 | GN | 50 | K |
|---|-------------------------|--|---|----------|
| | ① | ② | ③ | ④ |
| ① | 电动机的尺寸 Motor Frame Size | 0:42mm | 2:60mm 3:70mm 4:80mm 5:90mm 6:104mm 7:120mm | |
| ② | 类型 Gear Type | GN:GN型齿轮轴 GN Type Pinion Shaft GS:带耳朵型减速箱 GS type gear box GU:GU型齿轮轴 GUType Pinon Shaft GK:四方头型减速箱 GK type gear box | | |
| ③ | 减速比 Gear Ratio | (例Example)50:减速比Gear Ratio of 1:50 10X仅限减速器1:10的中间减速比10X denotes the decimal gearhead of ratio 1:10 | | |
| ④ | 轴承部类 Bearing Type | K：滚珠轴承 Ball bearing | | |



6W 60×60mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



电机技术参数 Motor Technical Parameters

| | 电机型号 | | 功率 Power | 电压 Voltage | 频率 Frequency | 电流 Current | 启动转矩 Stating Torque | 额定转矩 Rated Torque | 额定转速 Rated Speed | 额定时间 Rated Time | 电容 Capacitor |
|-----------------------|-----------------------------|----------------------------|----------|------------|--------------|------------|---------------------|-------------------|------------------|-----------------|--------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 2IK6A-A | 2IK6GN-A | 6 | 1PH110 | 50 | 0.3 | 0.03 | 0.05 | 1400 | 连续 | 3/250 |
| | | | | 单相 | 60 | 0.3 | 0.02 | 0.04 | 1680 | 连续 | |
| | 2IK6A-C | 2IK6GN-C | 6 | 1PH220 | 50 | 0.15 | 0.03 | 0.05 | 1400 | 连续 | 0.8/450 |
| | | | | 单相 | 60 | 0.15 | 0.02 | 0.04 | 1680 | 连续 | |
| | 2IK6A-S | 2IK6GN-S | 6 | 3PH220 | 50 | 0.13 | 0.12 | 0.05 | 1400 | 连续 | |
| | | | 三相 | 60 | 0.13 | 0.1 | 0.04 | 1680 | 连续 | | |
| | 2IK6A-U | 2IK6GN-U | 6 | 3PH380 | 50 | 0.08 | 0.02 | 0.05 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.08 | 0.12 | 0.04 | 1680 | 连续 | |
| 可逆电机 Reversible motor | 2RK6A-A | 2RK6GN-A | 6 | 1PH110 | 50 | 0.3 | 0.03 | 0.05 | 1400 | 30 | 3/250 |
| | | | | 单相 | 60 | 0.3 | 0.02 | 0.04 | 1680 | 30 | |
| | 2RK6A-C | 2RK6GN-C | 6 | 1PH220 | 50 | 0.15 | 0.03 | 0.05 | 1400 | 30 | 0.8/450 |
| | | | | 单相 | 60 | 0.15 | 0.02 | 0.04 | 1680 | 30 | |
| 刹车电机 Brake motor | 2IK6A-AM | 2IK6GN-AM | 6 | 1PH110 | 50 | 0.3 | 0.03 | 0.05 | 1400 | 30 | 3/250 |
| | | | | 单相 | 60 | 0.3 | 0.02 | 0.04 | 1680 | 30 | |
| | 2IK6A-CM | 2IK6GN-CM | 6 | 1PH220 | 50 | 0.15 | 0.03 | 0.05 | 1400 | 30 | 0.8/450 |
| | | | | 单相 | 60 | 0.15 | 0.02 | 0.04 | 1680 | 30 | |
| | 2IK6A-SM | 2IK6GN-SM | 6 | 3PH220 | 50 | 0.13 | 0.12 | 0.05 | 1400 | 连续 | |
| | | | 三相 | 60 | 0.13 | 0.1 | 0.04 | 1680 | 连续 | | |
| | 2IK6A-UM | 2IK6GN-UM | 6 | 3PH380 | 50 | 0.08 | 0.02 | 0.05 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.08 | 0.12 | 0.04 | 1680 | 连续 | |

| | 电机型号 | | 功率 Power | 电压 Voltage | 频率 Frequency | 调速范围 Speed Control Range | 启动转矩 Stating Torque | 额定转矩 Rated Torque | | 额定时间 Rated Time | 电容 Capacitor |
|---------------------|-----------------------------|----------------------------|----------|------------|--------------|--------------------------|---------------------|-------------------|------|-----------------|--------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | N.M | N.M | | |
| 调速电机 Variable motor | 2IK6RA-A | 2IK6RGN-A | 6 | 1PH110 | 50 | 90-1400 | 0.03 | 0.02 | 0.05 | 连续 | 3/250 |
| | | | | 单相 | 60 | 90-1680 | 0.02 | 0.02 | 0.04 | 连续 | |
| | 2IK6RA-C | 2IK6RGN-C | 6 | 1PH220 | 50 | 90-1400 | 0.03 | 0.02 | 0.05 | 连续 | 0.8/450 |
| | | | | 单相 | 60 | 90-1680 | 0.02 | 0.02 | 0.04 | 连续 | |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque(the Rated Torque)

| 减速比 reduction ratio | 功率 KW | 调速范围 rpm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|----------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|--|
| | | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | |
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | |
| | 转矩 N.M | 0.08 | 0.11 | 0.13 | 0.15 | 0.17 | 0.21 | 0.25 | 0.32 | 0.38 | 0.42 | 0.53 | 0.64 | 0.66 | 0.73 | 0.91 | 1.1 | 1.31 | 1.46 | 1.83 | 2.19 | 2.74 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | |
| | 转矩 N.M | 0.07 | 0.09 | 0.1 | 0.12 | 0.14 | 0.17 | 0.2 | 0.26 | 0.31 | 0.34 | 0.43 | 0.51 | 0.53 | 0.59 | 0.73 | 0.88 | 1.06 | 1.17 | 1.47 | 1.76 | 2.2 | 2.64 | 2.93 | 3 | 3 | 3 | 3 | 3 | 3 | |

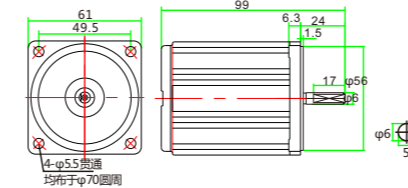
注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴

减速箱输出轴：正转 反转

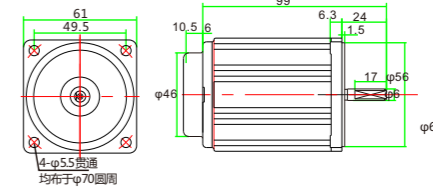
注意：使用电压和机型号不同，电容容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

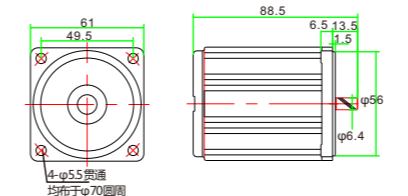
定速光轴 Fixed Speed Milling Axis



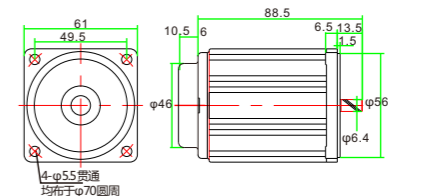
调速光轴 speed regulation type milling shaft



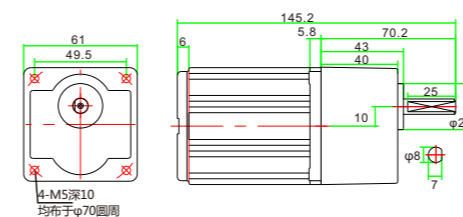
定速齿轴 Constant speed gear shaft



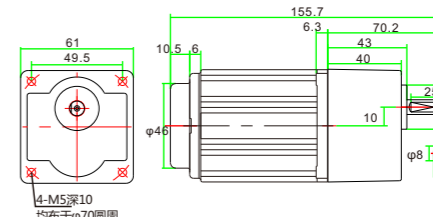
调速齿轴 Speed adjusting gear shaft



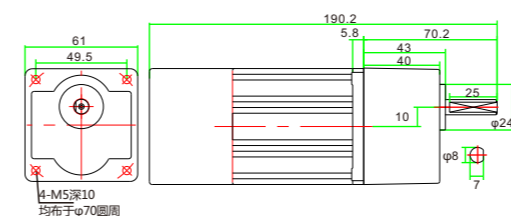
GK 定速电机 Constant speed motor



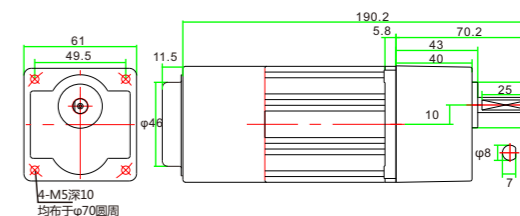
GK 调速电机 Speed regulation motor



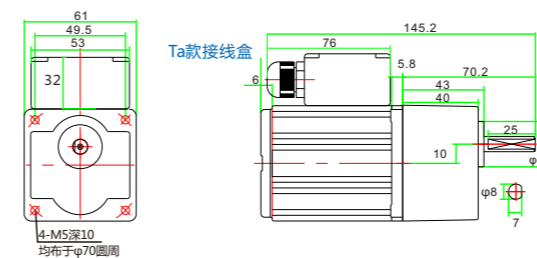
GK 定速刹车电机 Constant speed brake motor



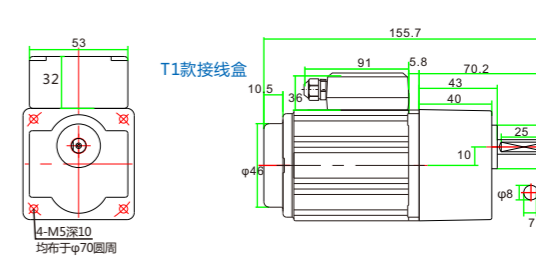
GK 调速刹车电机 Speed regulating brake motor



Gk 定速电机带接线盒 Constant speed motor with junction box

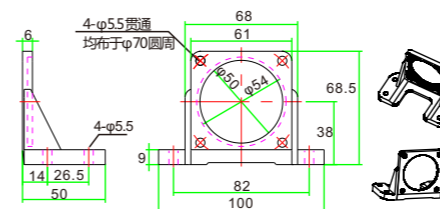


Gk 调速电机带接线盒 Speed control motor with junction box



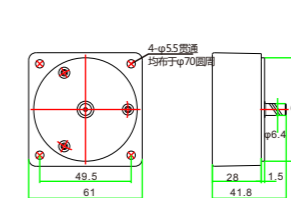
60 型脚架

安装尺寸：60mm type mounting bracket

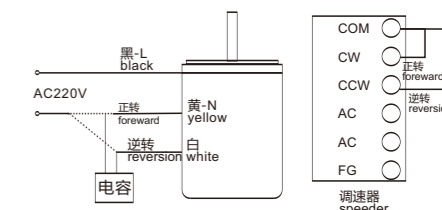


2GN-10X

结构：中间减速器 structure: middle gear box



接线图 Connecting type



15W

70×70mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



电机技术参数 Motor Technical Parameters

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|--------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 3IK15A-A | 3IK15GN-A | 15 | 1PH110 | 50 | 0.48 | 0.07 | 0.12 | 1400 | 连续 | 5/250 |
| | | | | 单相 | 60 | 0.48 | 0.06 | 0.1 | 1680 | | |
| | 3IK15A-C | 3IK15GN-C | 15 | 1PH220 | 50 | 0.24 | 0.07 | 0.12 | 1400 | 连续 | 1.5/450 |
| | | | | 单相 | 60 | 0.24 | 0.06 | 0.1 | 1680 | | |
| | 3IK15A-S | 3IK15GN-S | 15 | 3PH220 | 50 | 0.27 | 0.29 | 0.12 | 1400 | 连续 | |
| | | 三相 | | 60 | 0.27 | 0.24 | 0.1 | 1680 | | | |
| 3IK15A-U | 3IK15GN-U | 15 | 3PH380 | 50 | 0.16 | 0.29 | 0.12 | 1400 | 连续 | | |
| | | | 三相 | 60 | 0.16 | 0.24 | 0.1 | 1680 | | | |
| 可逆电机 Reversible motor | 3RK15A-A | 3RK15GN-A | 15 | 1PH110 | 50 | 0.48 | 0.07 | 0.12 | 1400 | 30 | 5/250 |
| | | | | 单相 | 60 | 0.48 | 0.06 | 0.1 | 1680 | | |
| | 3RK15A-C | 3RK15GN-C | 15 | 1PH220 | 50 | 0.24 | 0.07 | 0.12 | 1400 | 30 | 1.5/450 |
| | | | | 单相 | 60 | 0.24 | 0.06 | 0.1 | 1680 | | |
| 刹车电机 Brake motor | 3IK15A-AM | 3IK15GN-AM | 15 | 1PH110 | 50 | 0.48 | 0.07 | 0.12 | 1400 | 30 | 5/250 |
| | | | | 单相 | 60 | 0.48 | 0.06 | 0.1 | 1680 | | |
| | 3IK15A-CM | 3IK15GN-CM | 15 | 1PH220 | 50 | 0.24 | 0.07 | 0.12 | 1400 | 30 | 1.5/450 |
| | | | | 单相 | 60 | 0.24 | 0.06 | 0.1 | 1680 | | |
| | | 3IK15A-SM | 3IK15GN-SM | 15 | 3PH220 | 50 | 0.27 | 0.29 | 0.12 | 1400 | 连续 |
| | | 三相 | 60 | | 0.27 | 0.24 | 0.1 | 1680 | | | |
| | 3IK15A-UM | 3IK15GN-UM | 15 | 3PH380 | 50 | 0.16 | 0.29 | 0.12 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.16 | 0.24 | 0.1 | 1680 | | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|-----------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | 90r/min | 1400r/min | | |
| 调速电机 Variable motor | 3IK15RA-A | 3IK15RGN-A | 15 | 1PH110 | 50 | 90-1400 | 0.07 | 0.04 | 0.12 | 连续 | 5/250 |
| | | | | 单相 | 60 | 90-1680 | 0.06 | 0.04 | 0.1 | | |
| | | 3IK15RA-C | 3IK15RGN-C | 15 | 1PH220 | 50 | 90-1400 | 0.07 | 0.04 | 0.12 | 连续 |
| | | | 单相 | | 60 | 90-1680 | 0.06 | 0.04 | 0.1 | | |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque(the Rated Torque)

| 减速比 reduction ratio | 功率 KW | 转速 r/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|----------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|
| | | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | |
| 50 Hz | 0.015 | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 |
| | | 转矩 N.M | 0.21 | 0.27 | 0.32 | 0.38 | 0.42 | 0.53 | 0.64 | 0.8 | 0.96 | 1.06 | 1.33 | 1.59 | 1.64 | 1.83 | 2.28 | 2.74 | 3.29 | 3.65 | 4.56 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 60 Hz | 0.015 | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 |
| | | 转矩 N.M | 0.17 | 0.21 | 0.26 | 0.31 | 0.34 | 0.43 | 0.51 | 0.64 | 0.77 | 0.85 | 1.07 | 1.28 | 1.32 | 1.47 | 1.83 | 2.2 | 2.64 | 2.93 | 3.67 | 4.4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

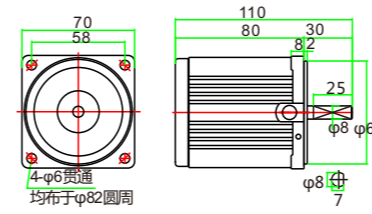
注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴

减速箱输出轴：正转 反转

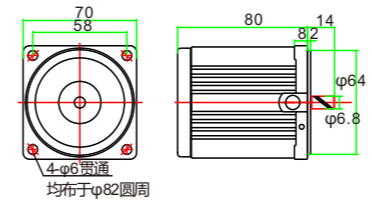
▲ 注意：使用电压和机型号不同，电容容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

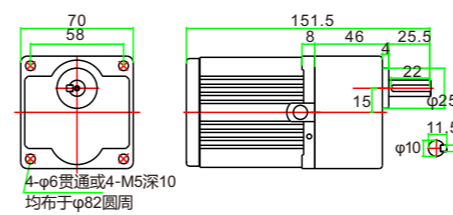
定速光轴 Fixed Speed Milling Axis



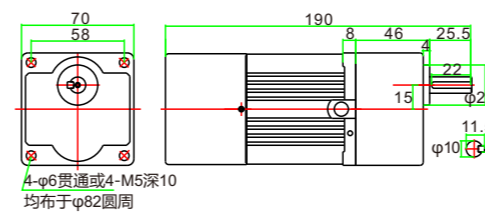
定速齿轴 Constant speed gear shaft



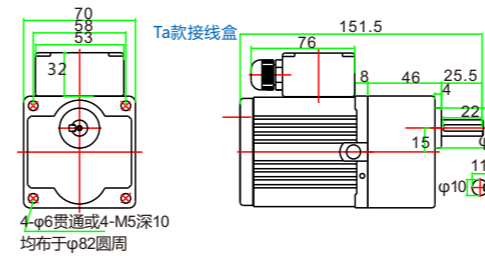
GK 定速电机 Constant speed motor



GK 定速刹车电机 Constant speed brake motor

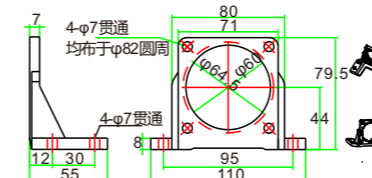


Gk 定速电机带接线盒 Constant speed motor with junction box

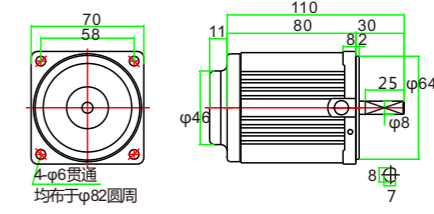


70 型脚架

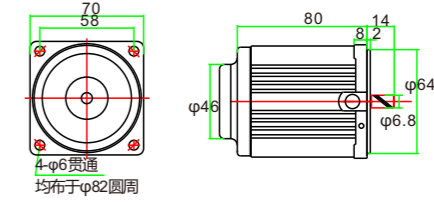
安装尺寸：70mm type mounting bracket



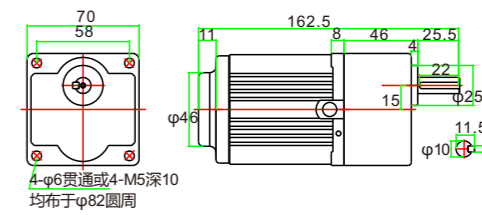
调速光轴 speed regulation type milling shaft



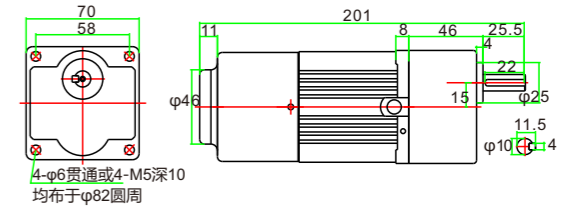
调速齿轴 Speed adjusting gear shaft



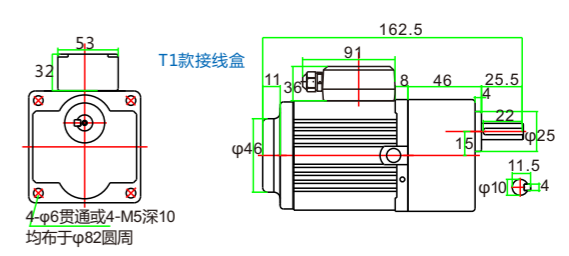
GK 调速电机 Speed regulation motor



GK 调速刹车电机 Speed regulating brake motor

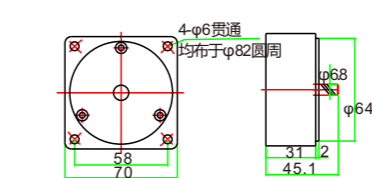


Gk 调速电机带接线盒 Speed control motor with junction box

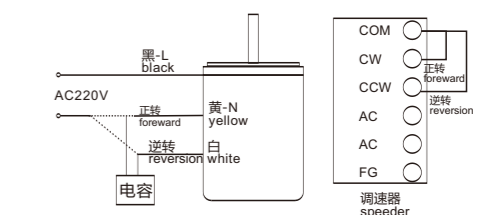


3GN-10X

结构：中间减速器structure:middle gear box

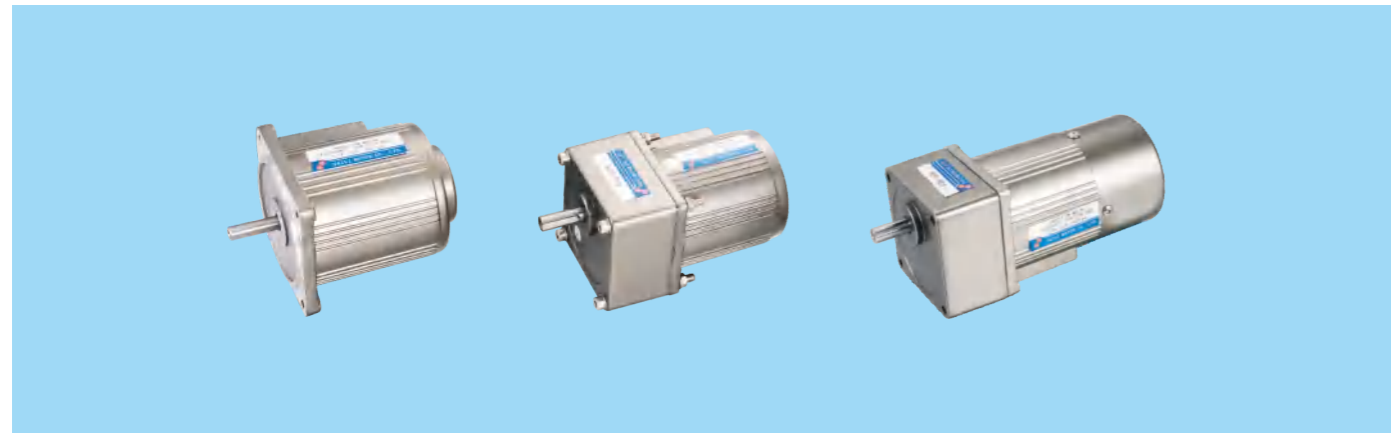


接线图 Connecting type



25W 80×80mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



电机技术参数 Motor Technical Parameters

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|--------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 4IK25/40A-A | 4IK25/40GN-A | 25/40 | 1PH110 | 50 | 0.7/0.96 | 0.1/0.17 | 0.19/0.31 | 1400/260 | 连续 | 6/250 |
| | 4IK25/40A-C | 4IK25/40GN-C | 25/40 | 1PH220 | 50 | 0.35/0.48 | 0.1/0.17 | 0.19/0.31 | 1400/260 | 连续 | 2/450 |
| | 4IK25/40A-S | 4IK25/40GN-S | 25/40 | 3PH220 | 50 | 0.29/0.39 | 0.46/0.74 | 0.19/0.31 | 1400/260 | 连续 | |
| | 4IK25/40A-U | 4IK25/40GN-U | 25/40 | 3PH380 | 50 | 0.17/0.22 | 0.46/0.74 | 0.19/0.31 | 1400/260 | 连续 | |
| 可逆电机 Reversible motor | 4RK25/40A-A | 4RK25/40GN-A | 25/40 | 1PH110 | 50 | 0.7/0.96 | 0.1/0.17 | 0.19/0.31 | 1400/260 | 30 | 6/250 |
| | 4RK25/40A-C | 4RK25/40GN-C | 25/40 | 1PH220 | 50 | 0.35/0.48 | 0.1/0.17 | 0.19/0.31 | 1400/260 | 30 | 2/450 |
| 刹车电机 Brake motor | 4IK25/40A-AM | 4IK25/40GN-AM | 25/40 | 1PH110 | 50 | 0.7/0.96 | 0.1/0.17 | 0.19/0.31 | 1400/260 | 30 | 6/250 |
| | 4IK25/40A-CM | 4IK25/40GN-CM | 25/40 | 1PH220 | 50 | 0.35/0.48 | 0.1/0.17 | 0.19/0.31 | 1400/260 | 30 | 2/450 |
| | 4IK25/40A-SM | 4IK25/40GN-SM | 25/40 | 3PH220 | 50 | 0.29/0.39 | 0.46/0.74 | 0.19/0.31 | 1400/260 | 连续 | |
| | 4IK25/40A-UM | 4IK25/40GN-UM | 25/40 | 3PH380 | 50 | 0.17/0.22 | 0.46/0.74 | 0.19/0.31 | 1400/260 | 连续 | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|-----------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | 90r/min | 1400r/min | | |
| 调速电机 Variable motor | 4IK25/40RA-A | 4IK25/40RGN-A | 25/40 | 1PH110 | 50 | 90-1400 | 0.1/0.17 | 0.07/0.1 | 0.19/0.31 | 连续 | 6/250 |
| | 4IK25/40RA-C | 4IK25/40RGN-C | 25/40 | 1PH220 | 50 | 90-1680 | 0.09/0.14 | 0.07/0.1 | 0.16/0.25 | 连续 | 2/450 |
| | | | | | | | | 0.07/0.1 | 0.16/0.25 | | |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque (the Rated Torque)

| 减速比 reduction ratio | 功率 KW | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|---|
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | |
| | 转矩 N.M | 0.32 | 0.4 | 0.48 | 0.57 | 0.64 | 0.8 | 0.96 | 1.19 | 1.43 | 1.59 | 1.99 | 2.39 | 2.8 | 3.11 | 3.89 | 4.67 | 5.6 | 5.87 | 7.16 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | |
| | 转矩 N.M | 0.26 | 0.32 | 0.38 | 0.46 | 0.51 | 0.64 | 0.77 | 0.96 | 1.15 | 1.28 | 1.6 | 1.92 | 2.25 | 2.5 | 3.13 | 3.75 | 4.5 | 4.72 | 5.76 | 6.91 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 9.3 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | |
| | 转矩 N.M | 0.54 | 0.68 | 0.81 | 0.98 | 1.09 | 1.36 | 1.63 | 2.04 | 2.44 | 2.72 | 3.41 | 4.1 | 4.89 | 5.45 | 6.82 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 11.2 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | |
| | 转矩 N.M | 0.45 | 0.56 | 0.68 | 0.81 | 0.90 | 1.13 | 1.36 | 1.70 | 2.04 | 2.27 | 2.85 | 3.41 | 4.09 | 4.54 | 5.68 | 6.82 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-600K适配齿轴 减速箱输出轴：正转 反转

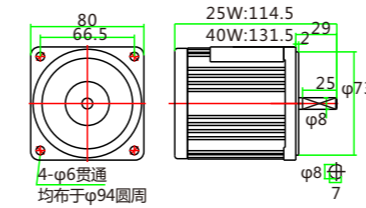
注意：使用电压和机型不同，电容量不一样，订货时请务必指明具体的型号。

转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。

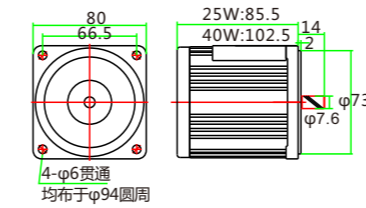
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

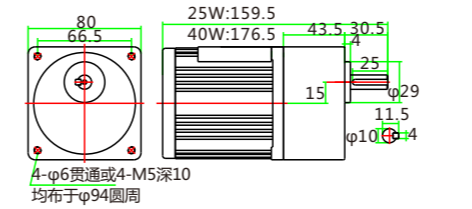
定速光轴 Fixed Speed Milling Axis



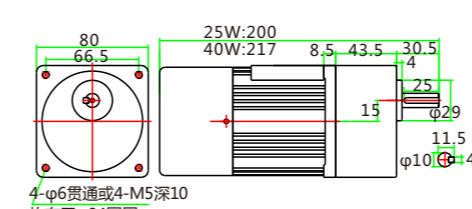
定速齿轴 Constant speed gear shaft



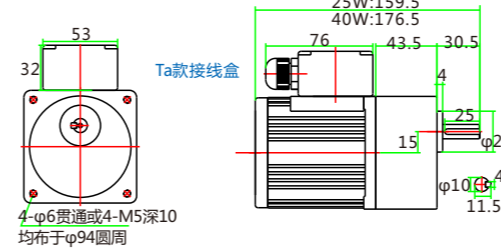
GK 定速电机 Constant speed motor



GK 定速刹车电机 Constant speed brake motor

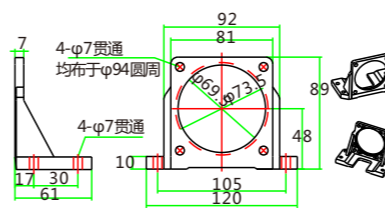


Gk 定速电机带接线盒 Constant speed motor with junction box

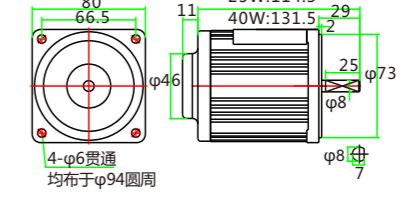


80 型脚架

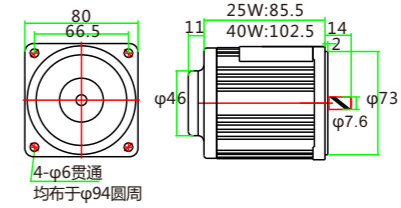
安装尺寸：80mm type mounting bracket



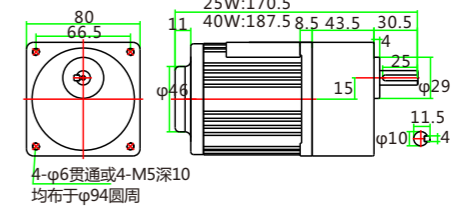
调速光轴 speed regulation type milling shaft



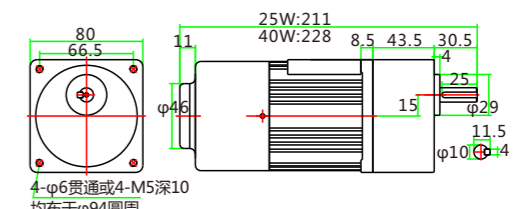
调速齿轴 Speed adjusting gear shaft



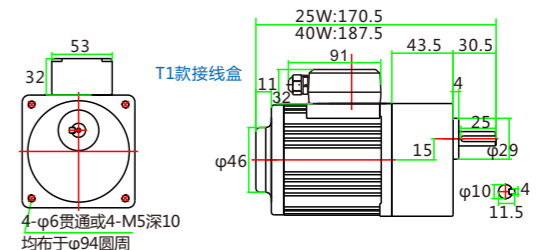
GK 调速电机 Speed regulation motor



GK 调速刹车电机 Speed regulating brake motor

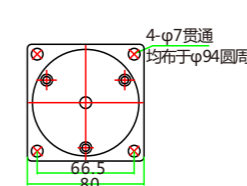


Gk 调速电机带接线盒 Speed control motor with junction box

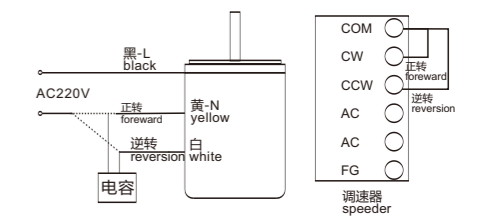


4GN-10X

结构：中间减速器structure:middle gear box



接线图 Connecting type



40W 90×90mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



电机技术参数 Motor Technical Parameters

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|--------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 5IK40A-A | 5IK40GN-A | 40 | 1PH110 | 50 | 0.96 | 0.16 | 0.29 | 1400 | 连续 | 10/250 |
| | | | | 单相 | 60 | 0.96 | 0.13 | 0.24 | 1680 | 连续 | |
| | 5IK40A-C | 5IK40GN-C | 40 | 1PH220 | 50 | 0.48 | 0.16 | 0.29 | 1400 | 连续 | 3/450 |
| | | | | 单相 | 60 | 0.48 | 0.13 | 0.24 | 1680 | 连续 | |
| 可逆电机 Reversible motor | 5IK40A-S | 5IK40GN-S | 40 | 3PH220 | 50 | 0.39 | 0.70 | 0.29 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.39 | 0.58 | 0.24 | 1680 | 连续 | |
| | 5IK40A-U | 5IK40GN-U | 40 | 3PH380 | 50 | 0.22 | 0.70 | 0.29 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.22 | 0.58 | 0.24 | 1680 | 连续 | |
| 刹车电机 Brake motor | 5IK40A-AM | 5IK40GN-AM | 40 | 1PH110 | 50 | 0.96 | 0.16 | 0.29 | 1400 | 30 | 10/250 |
| | | | | 单相 | 60 | 0.96 | 0.13 | 0.24 | 1680 | 30 | |
| | 5IK40A-CM | 5IK40GN-CM | 40 | 1PH220 | 50 | 0.48 | 0.16 | 0.29 | 1400 | 30 | 3/450 |
| | | | | 单相 | 60 | 0.48 | 0.13 | 0.24 | 1680 | 30 | |
| 调速电机 Variable motor | 5IK40A-SM | 5IK40GN-SM | 40 | 3PH220 | 50 | 0.39 | 0.70 | 0.29 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.39 | 0.58 | 0.24 | 1680 | 连续 | |
| | 5IK40A-UM | 5IK40GN-UM | 40 | 3PH380 | 50 | 0.22 | 0.70 | 0.29 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.22 | 0.58 | 0.24 | 1680 | 连续 | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | N.M | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 调速电机 Variable motor | 5IK40RA-A | 5IK40RGN-A | 40 | 1PH110 | 50 | 90-1400 | 0.16 | 0.1 | 0.29 | 连续 | 10/250 |
| | | | | 单相 | 60 | 90-1680 | 0.13 | 0.1 | 0.24 | 连续 | |
| 调速电机 Variable motor | 5IK40RA-C | 5IK40RGN-C | 40 | 1PH220 | 50 | 90-1400 | 0.16 | 0.1 | 0.29 | 连续 | 3/450 |
| | | | | 单相 | 60 | 90-1680 | 0.13 | 0.1 | 0.24 | 连续 | |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque(the Rated Torque)

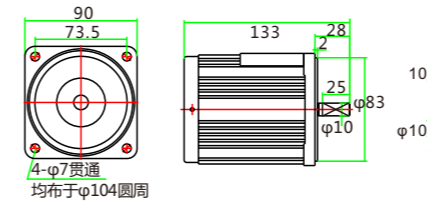
| 减速比 reduction ratio | 功率 KW | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 | |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|------|----|
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.86 | |
| | 转矩 N.M | 0.51 | 0.64 | 0.77 | 0.93 | 1.03 | 1.29 | 1.54 | 1.93 | 2.32 | 2.57 | 3.22 | 3.86 | 4.63 | 4.87 | 6.08 | 7.3 | 8.76 | 9.73 | 12.2 | 14.6 | 18.3 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | 2.24 | |
| | 转矩 N.M | 0.41 | 0.52 | 0.62 | 0.74 | 0.83 | 1.03 | 1.24 | 1.55 | 1.86 | 2.07 | 2.59 | 3.1 | 3.72 | 3.91 | 4.89 | 5.87 | 7.04 | 7.829 | 7.8 | 11.7 | 14.7 | 17.6 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-750K适配齿轴 减速箱输出轴：■ 正转 ■ 反转

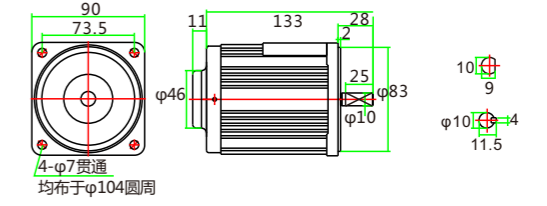
▲ 注意：使用电压和机型号不同，电容容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

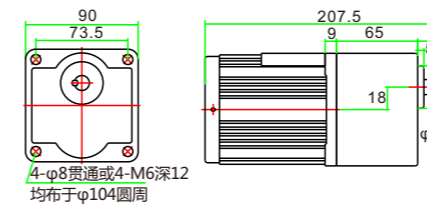
定速光轴 Fixed speed milling axis



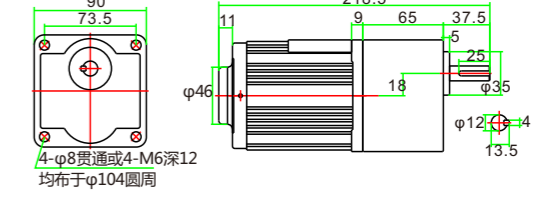
调速光轴 Speed regulation type milling shaft



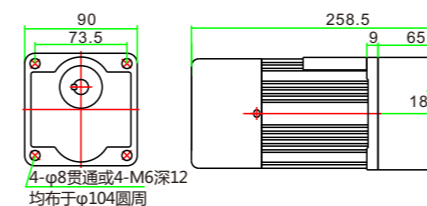
GK 定速电机 Constant speed motor



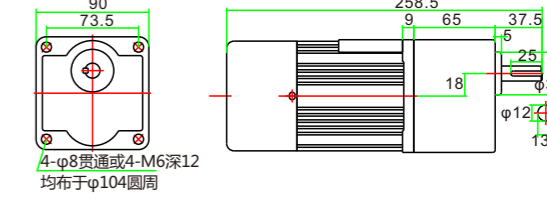
GK 调速电机 Speed regulation motor



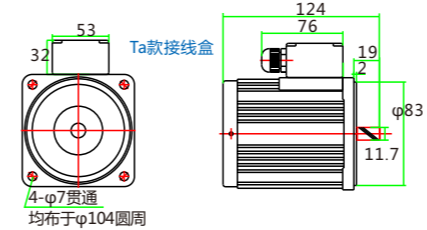
GK 定速刹车电机 Constant speed brake motor



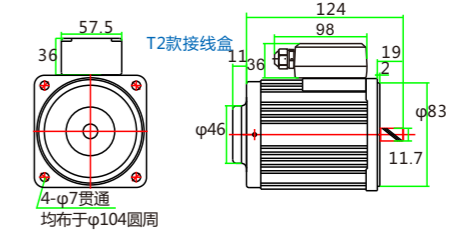
GK 调速刹车电机 Speed regulating brake motor



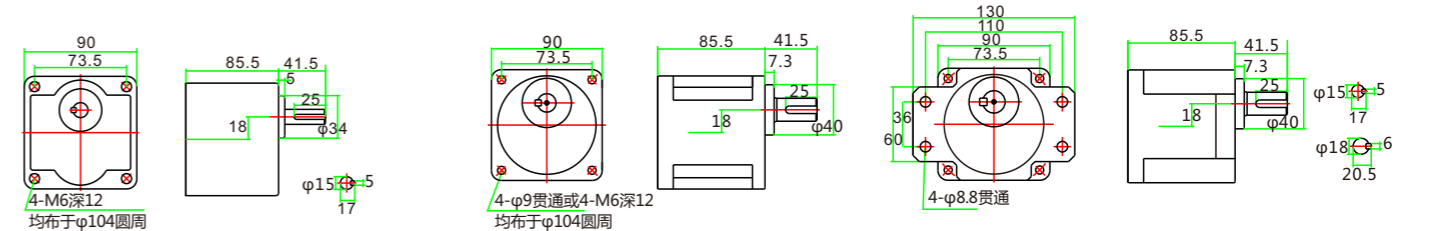
定速齿轴 Constant speed gear shaft



调速齿轴 Speed adjusting gear shaft

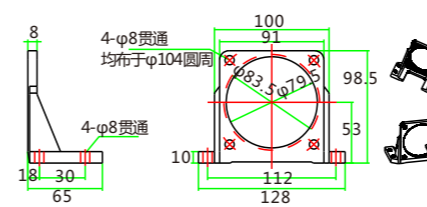


电机适配以下各种齿轮箱及出轴尺寸



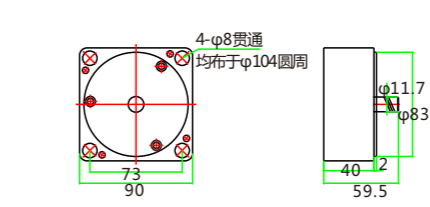
90 型脚架 90 type mounting bracket

安装尺寸：90mm type mounting bracket

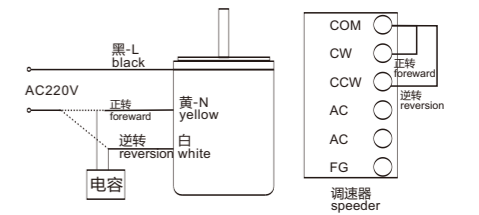


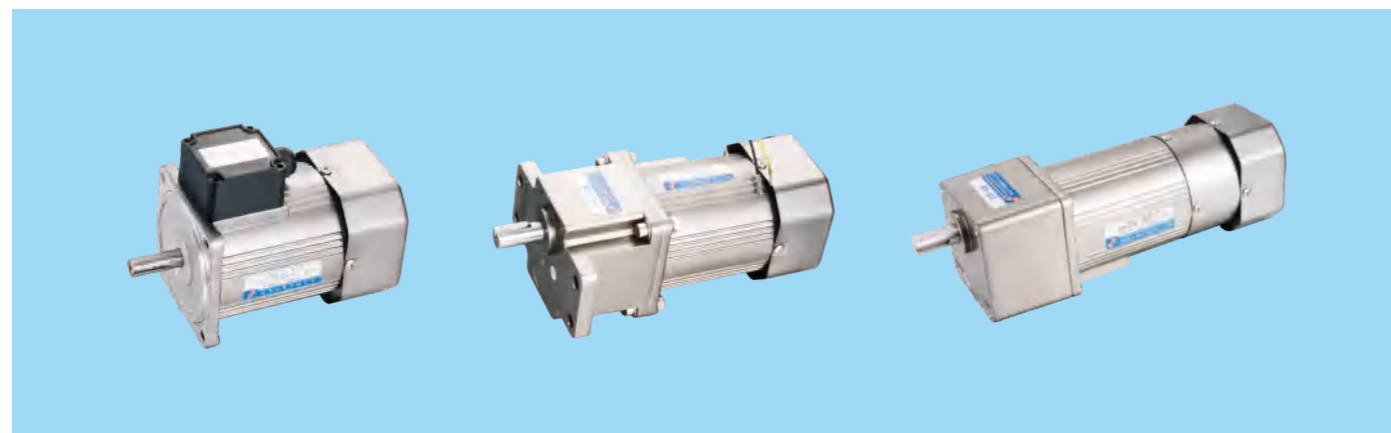
5GU-10X

结构：中间减速器 structure: middle gear box



接线图 Connecting type





电机技术参数 Motor Technical Parameters

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|--------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 5IK60A-AF | 5IK60GU-AF | 60 | 1PH110 | 50 | 1.22 | 0.20 | 0.44 | 1400 | 连续 | 15/250 |
| | | | | 单相 | 60 | 1.22 | 0.17 | 0.37 | 1680 | 连续 | |
| | 5IK60A-CF | 5IK60GU-CF | 60 | 1PH220 | 50 | 0.61 | 0.20 | 0.44 | 1400 | 连续 | 4/450 |
| | | | | 单相 | 60 | 0.61 | 0.17 | 0.37 | 1680 | 连续 | |
| | 5IK60A-SF | 5IK60GU-SF | 60 | 3PH220 | 50 | 0.48 | 1.06 | 0.44 | 1400 | 连续 | |
| | | | 三相 | 60 | 0.48 | 0.89 | 0.37 | 1680 | 连续 | | |
| 可逆电机 Reversible motor | 5IK60A-UF | 5IK60GU-UF | 60 | 3PH380 | 50 | 0.28 | 1.06 | 0.44 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.28 | 0.89 | 0.37 | 1680 | 连续 | |
| 刹车电机 Brake motor | 5IK60A-AFM | 5IK60GU-AFM | 60 | 1PH110 | 50 | 0.48 | 0.20 | 0.44 | 1400 | 30 | 15/250 |
| | | | | 单相 | 60 | 0.48 | 0.17 | 0.37 | 1680 | 30 | |
| | 5IK60A-CFM | 5IK60GU-CFM | 60 | 1PH220 | 50 | 0.28 | 0.20 | 0.44 | 1400 | 30 | 4/450 |
| | | | | 单相 | 60 | 0.28 | 0.17 | 0.37 | 1680 | 30 | |
| | 5IK60A-SFM | 5IK60GU-SFM | 60 | 3PH220 | 50 | 0.48 | 1.06 | 0.44 | 1400 | 连续 | |
| | | | 三相 | 60 | 0.48 | 0.89 | 0.37 | 1680 | 连续 | | |
| | | | 三相 | 60 | 0.28 | 1.06 | 0.44 | 1400 | 连续 | | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|-----------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | 90r/min | 1400r/min | | |
| 调速电机 Variable motor | 5IK60RA-AF | 5IK60RGU-AF | 60 | 1PH110 | 50 | 90-1400 | 0.20 | 0.16 | 0.44 | 连续 | 15/250 |
| | | | | 单相 | 60 | 90-1680 | 0.17 | 0.16 | 0.37 | 连续 | |
| | 5IK60RA-CF | 5IK60RGU-CF | 60 | 1PH220 | 50 | 90-1400 | 0.20 | 0.16 | 0.44 | 连续 | 4/450 |
| | | | | 单相 | 60 | 90-1680 | 0.17 | 0.16 | 0.37 | 连续 | |

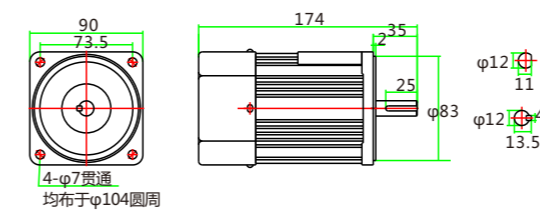
减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque (the Rated Torque)

| 减速比 reduction ratio | 功率 KW | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|------|
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.86 |
| | 转矩 N.M | 0.77 | 0.97 | 1.16 | 1.39 | 1.54 | 1.93 | 2.32 | 2.9 | 3.48 | 3.86 | 4.56 | 5.48 | 6.57 | 7.3 | 9.13 | 11 | 13.1 | 14.6 | 18.3 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | 2.24 |
| | 转矩 N.M | 0.62 | 0.78 | 0.93 | 1.12 | 1.24 | 1.55 | 1.86 | 2.33 | 2.79 | 3.1 | 3.67 | 4.4 | 5.28 | 5.87 | 7.33 | 8.8 | 10.6 | 11.7 | 14.7 | 17.6 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

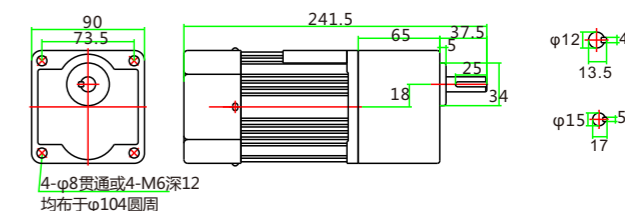
注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-750K适配齿轴 减速箱输出轴：正转 反转

注意：使用电压和机型号不同，电容容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

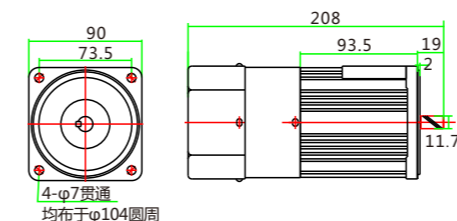
光轴型(圆轴、扁轴、键槽) Round shaft type: round/milling/keyway



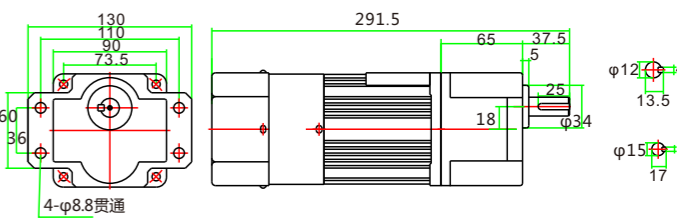
GK定/调速型 constant speed/speed regulation type



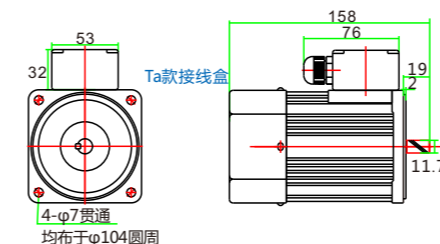
刹车定/调速齿轴 Brake Constant speed /Speed adjusting gear shaft



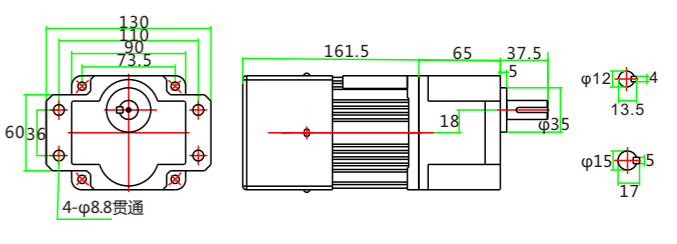
GS刹车定/调速型 Brake constant speed /speed regulation type



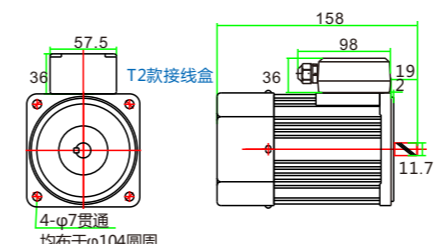
定/调速齿轴 Constant speed /Speed adjusting gear shaft



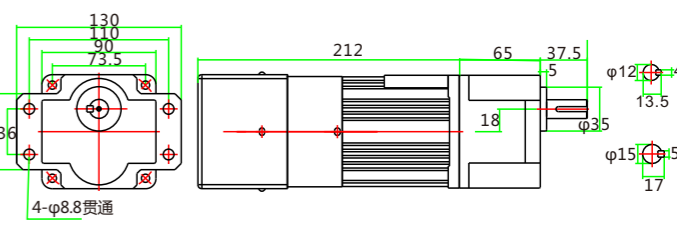
定/调速带独立风扇 Fixed / tuned belt independent fan



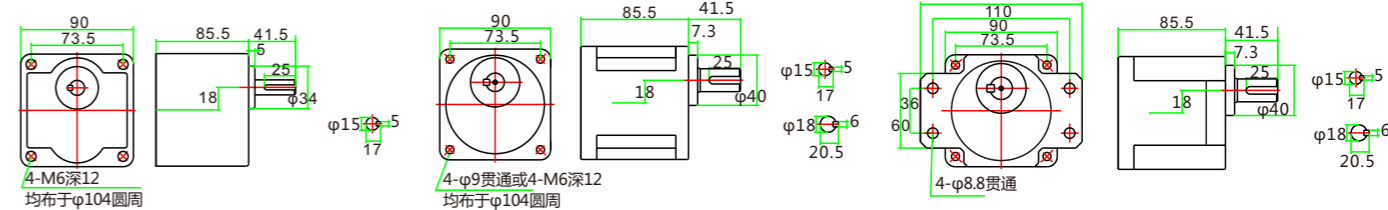
定/调速齿轴 Constant speed /Speed adjusting gear shaft



定/调速刹车带独立风扇 Fixed/speed adjustment brake belt independent fan

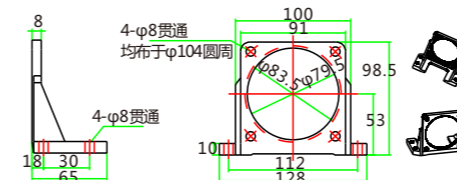


五级加强型齿轮箱 Five-stage reinforced gear box



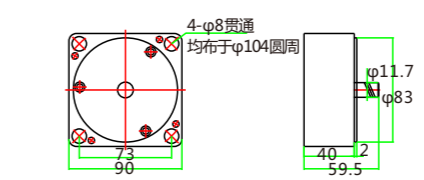
90型脚架

安装尺寸: 90mm type mounting bracket

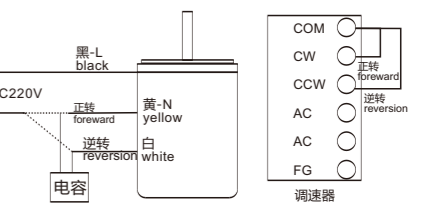


5GU-10X

结构: 中间减速器 structure: middle gear box



接线图 Connecting type





电机技术参数 Motor Technical Parameters

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 5IK90/120A-AF | 5IK90/120GU-AF | 90/120 | 1PH110 单相 | 50 60 | 1.74/2.12 0.87/1.06 | 0.30/0.40 0.25/0.33 | 0.66/0.88 0.55/0.73 | 1400 1680 | 连续 | 20/250 |
| | 5IK90/120A-CF | 5IK90/120GU-CF | 90/120 | 1PH220 单相 | 50 60 | 0.87/1.06 0.67/0.83 | 0.30/0.40 1.58/2.11 | 0.66/0.88 0.55/0.73 | 1400 1680 | 连续 | 6/450 |
| | 5IK90/120A-SF | 5IK90/120GU-SF | 90/120 | 3PH220 三相 | 50 60 | 0.67/0.83 0.39/0.48 | 1.32/1.75 1.58/2.11 | 0.66/0.88 0.55/0.73 | 1400 1680 | 连续 | |
| | 5IK90/120A-UF | 5IK90/120GU-UF | 90/120 | 3PH380 三相 | 50 60 | 0.39/0.48 0.39/0.48 | 1.58/2.11 1.32/1.75 | 0.66/0.88 0.55/0.73 | 1400 1680 | 连续 | |
| | 5IK90/120A-AF | 5IK90/120GU-AF | 90/120 | 1PH110 单相 | 50 60 | 1.74/2.12 0.87/1.06 | 0.30/0.40 0.25/0.33 | 0.66/0.88 0.55/0.73 | 1400 1680 | 30 | 20/250 |
| 可逆电机 Reversible motor | 5IK90/120A-CF | 5IK90/120GU-CF | 90/120 | 1PH220 单相 | 50 60 | 0.87/1.06 0.67/0.83 | 0.30/0.40 1.58/2.11 | 0.66/0.88 0.55/0.73 | 1400 1680 | 30 | 6/450 |
| | 5IK90/120A-SF | 5IK90/120GU-SF | 90/120 | 3PH220 三相 | 50 60 | 0.67/0.83 0.39/0.48 | 1.32/1.75 1.58/2.11 | 0.66/0.88 0.55/0.73 | 1400 1680 | 连续 | |
| | 5IK90/120A-UF | 5IK90/120GU-UF | 90/120 | 3PH380 三相 | 50 60 | 0.39/0.48 0.39/0.48 | 1.58/2.11 1.32/1.75 | 0.66/0.88 0.55/0.73 | 1400 1680 | 连续 | |
| | 5IK90/120A-AFM | 5IK90/120GU-AFM | 90/120 | 1PH110 单相 | 50 60 | 1.74/2.12 0.87/1.06 | 0.30/0.40 0.25/0.33 | 0.66/0.88 0.55/0.73 | 1400 1680 | 30 | 20/250 |
| | 5IK90/120A-CFM | 5IK90/120GU-CFM | 90/120 | 1PH220 单相 | 50 60 | 0.87/1.06 0.67/0.83 | 0.30/0.40 1.58/2.11 | 0.66/0.88 0.55/0.73 | 1400 1680 | 30 | 6/450 |
| 刹车电机 Brake motor | 5IK90/120A-SFM | 5IK90/120GU-SFM | 90/120 | 3PH220 三相 | 50 60 | 0.67/0.83 0.39/0.48 | 1.32/1.75 1.58/2.11 | 0.66/0.88 0.55/0.73 | 1400 1680 | 连续 | |
| | 5IK90/120A-UFM | 5IK90/120GU-UFM | 90/120 | 3PH380 三相 | 50 60 | 0.39/0.48 0.39/0.48 | 1.58/2.11 1.32/1.75 | 0.66/0.88 0.55/0.73 | 1400 1680 | 连续 | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 调速电机 Variable motor | 5IK90/120RA-AF | 5IK90/120RGU-AF | 90/120 | 1PH110 单相 | 50 60 | 90-1400 90-1680 | 0.30/0.40 0.25/0.33 | 0.25/0.33 0.25/0.33 | 666/0.88 0.55/0.73 | 连续 | 20/250 |
| | 5IK90/120RA-CF | 5IK90/120RGU-CF | 90/120 | 1PH220 单相 | 50 60 | 90-1400 90-1680 | 0.30/0.40 0.25/0.33 | 0.25/0.33 0.25/0.33 | 0.66/0.88 0.55/0.73 | 连续 | 6/450 |

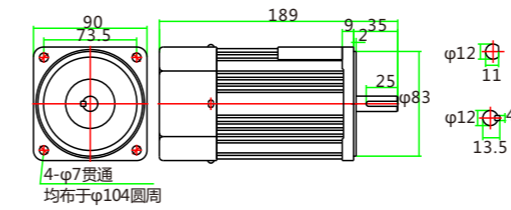
减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque(the Rated Torque)

| 减速比 reduction ratio | 功率 KW | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|------|
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.86 |
| | 转矩 N.M | 1.16 | 1.45 | 1.74 | 2.09 | 2.32 | 2.9 | 3.48 | 4.35 | 5.21 | 5.79 | 6.84 | 8.21 | 9.86 | 11 | 12.7 | 15.3 | 18.3 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | 2.24 |
| | 转矩 N.M | 0.93 | 1.16 | 1.4 | 1.68 | 1.86 | 2.33 | 2.79 | 3.49 | 4.19 | 4.66 | 5.5 | 6.6 | 7.92 | 8.8 | 10.2 | 12.3 | 14.7 | 16.4 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.86 |
| | 转矩 N.M | 1.54 | 1.93 | 2.32 | 2.78 | 3.09 | 3.86 | 4.63 | 5.79 | 6.95 | 7.72 | 8.49 | 10.2 | 12.2 | 13.6 | 17 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | 2.24 |
| | 转矩 N.M | 1.24 | 1.55 | 1.86 | 2.23 | 2.48 | 3.1 | 3.72 | 4.66 | 5.59 | 6.21 | 6.82 | 8.19 | 9.82 | 10.9 | 13.6 | 16.4 | 19.6 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

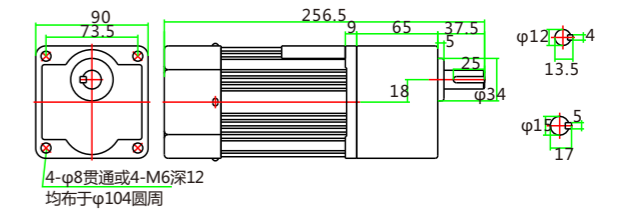
注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-750K适配齿轴 减速箱输出轴：正转 反转

注意：使用电压和机型号不同，电容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

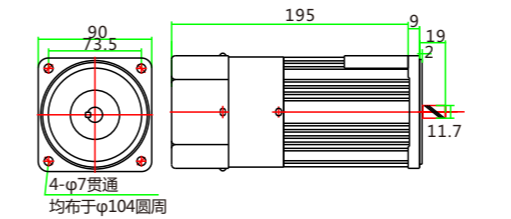
光轴型(圆轴、扁轴、键槽) Round shaft type:round/milling/keyway



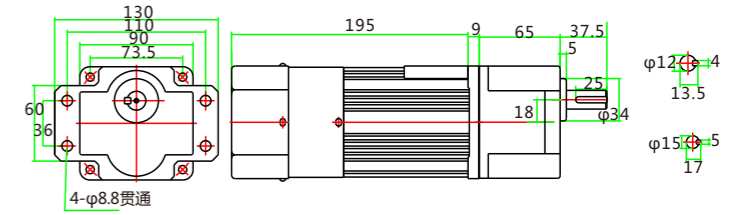
GK定/调速型 constant speed/speed regulation type



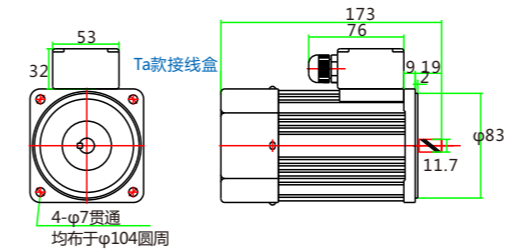
刹车定/调速齿轴 Brake Constant speed /Speed adjusting gear shaft



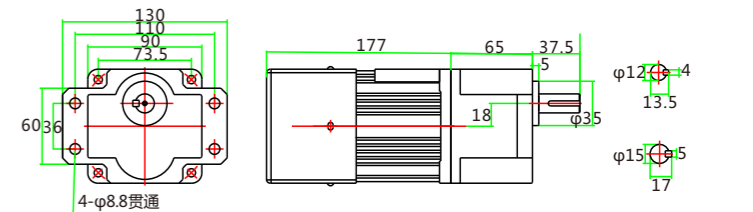
GS刹车定/调速型 Brake constant speed /speed regulation type



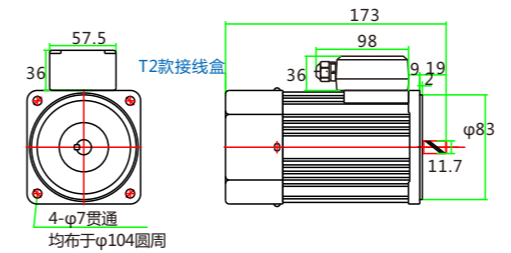
定/调速齿轴 Constant speed /Speed adjusting gear shaft



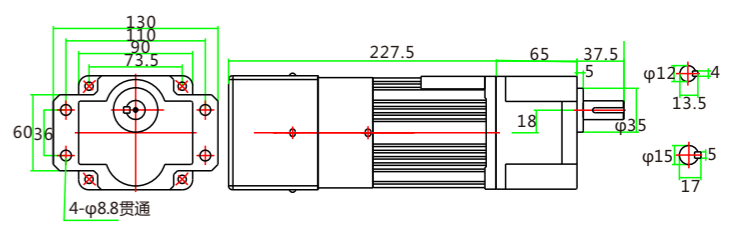
定/调速带独立风扇 Fixed / tuned belt independent fan



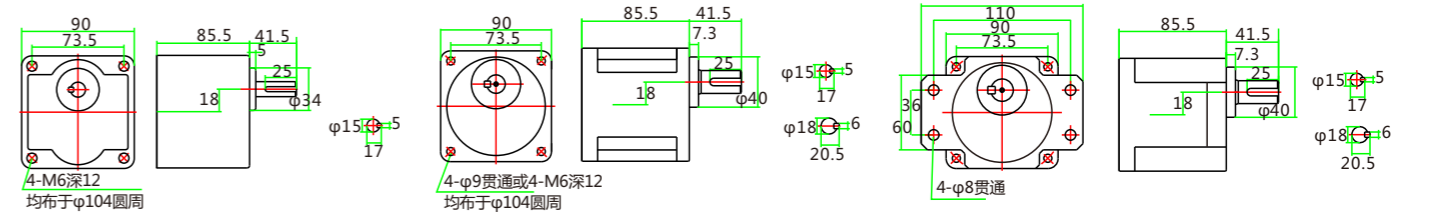
定/调速齿轴 Constant speed /Speed adjusting gear shaft



定/调速刹车带独立风扇 Fixed/speed adjustment brake belt independent fan

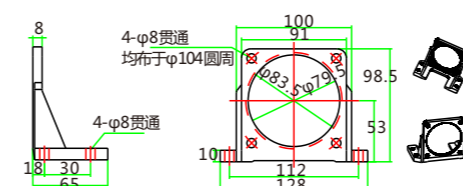


五级加强型齿轮箱 Five-stage reinforced gear box



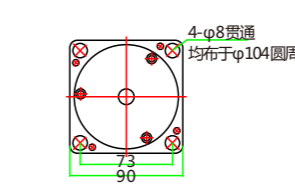
90型脚架 90mm type mounting bracket

安装尺寸: 90mm type mounting bracket

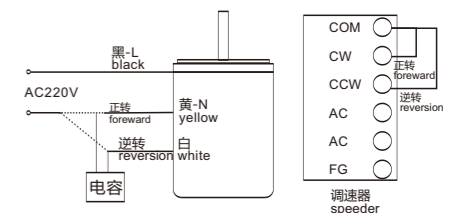


5GU-10X 结构: 中间减速器结构:middle gear box

结构: 中间减速器结构:middle gear box

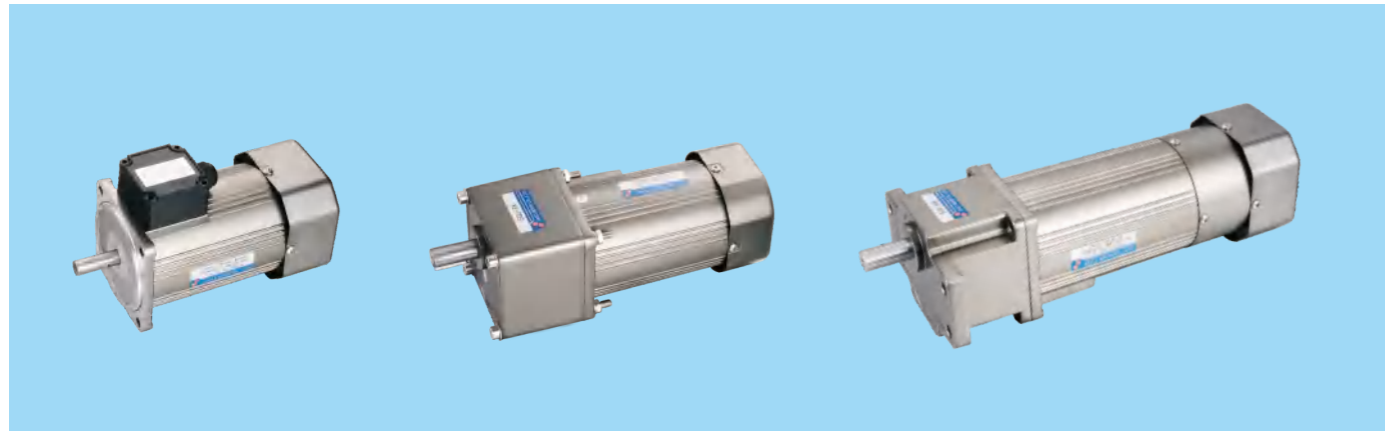


接线图 Connecting type



140W 90×90mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



电机技术参数 Motor Technical Parameters

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|--------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 5IK140A-AF | 5IK140GU-AF | 140 | 1PH110 | 50 | 2.48 | 0.41 | 1.03 | 1400 | 连续 | 25/250 |
| | | | | 单相 | 60 | 2.48 | 0.34 | 0.86 | 1680 | 连续 | |
| | 5IK140A-CF | 5IK140GU-CF | 140 | 1PH220 | 50 | 1.24 | 0.41 | 1.03 | 1400 | 连续 | 7/450 |
| | | | | 单相 | 60 | 1.24 | 0.34 | 0.86 | 1680 | 连续 | |
| 可逆电机 Reversible motor | 5IK140A-SF | 5IK140GU-SF | 140 | 3PH220 | 50 | 0.93 | 2.47 | 1.03 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.93 | 2.06 | 0.86 | 1680 | 连续 | |
| | 5IK140A-UF | 5IK140GU-UF | 140 | 3PH380 | 50 | 0.53 | 2.47 | 1.03 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.53 | 2.06 | 0.86 | 1680 | 连续 | |
| 刹车电机 Brake motor | 5IK140A-AFM | 5IK140GU-AFM | 140 | 1PH110 | 50 | 2.48 | 0.41 | 1.03 | 1400 | 30 | 25/250 |
| | | | | 单相 | 60 | 2.48 | 0.34 | 0.86 | 1680 | 30 | |
| | 5IK140A-CFM | 5IK140GU-CFM | 140 | 1PH220 | 50 | 1.24 | 0.41 | 1.03 | 1400 | 30 | 7/450 |
| | | | | 单相 | 60 | 1.24 | 0.34 | 0.86 | 1680 | 30 | |
| 刹车电机 Brake motor | 5IK140A-SFM | 5IK140GU-SFM | 140 | 3PH220 | 50 | 0.93 | 2.47 | 1.03 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.93 | 2.06 | 0.86 | 1680 | 连续 | |
| | 5IK140A-UFM | 5IK140GU-UFM | 140 | 3PH380 | 50 | 0.53 | 2.47 | 1.03 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.53 | 2.06 | 0.86 | 1680 | 连续 | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|-----------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | 90r/min | 1400r/min | | |
| 调速电机 Variable motor | 5IK140RA-AF | 5IK140RGU-AF | 140 | 1PH110 | 50 | 90-1400 | 0.41 | 0.38 | 1.03 | 连续 | 25/250 |
| | | | | 单相 | 60 | 90-1680 | 0.34 | 0.38 | 0.86 | 连续 | |
| 调速电机 Variable motor | 5IK140RA-CF | 5IK140RGU-CF | 140 | 1PH220 | 50 | 90-1400 | 0.41 | 0.38 | 1.03 | 连续 | 7/450 |
| | | | | 单相 | 60 | 90-1680 | 0.34 | 0.38 | 0.86 | 连续 | |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque (the Rated Torque)

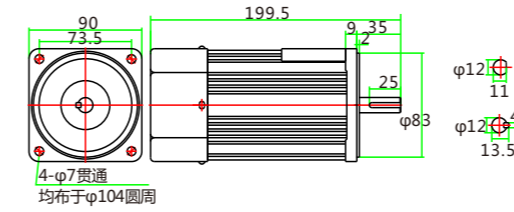
| 减速比 reduction ratio | 功率 KW | 容许转矩 (N.M) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------|------------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|----|------|----|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|------|
| | | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 |
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.86 |
| | 转矩 N.M | 1.8 | 2.25 | 2.7 | 3.24 | 3.6 | 4.51 | 5.41 | 6.76 | 8.11 | 9.01 | 10.6 | 12.8 | 15.3 | 17 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | 2.24 |
| | 转矩 N.M | 1.45 | 1.81 | 2.17 | 2.61 | 2.9 | 3.62 | 4.35 | 5.43 | 6.52 | 7.24 | 8.56 | 10.3 | 12.3 | 13.7 | 17.1 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

注: 齿轴适配3种, 2-250K适配齿轴, 300K适配齿轴, 400-750K适配齿轴 减速箱输出轴: 正转 反转

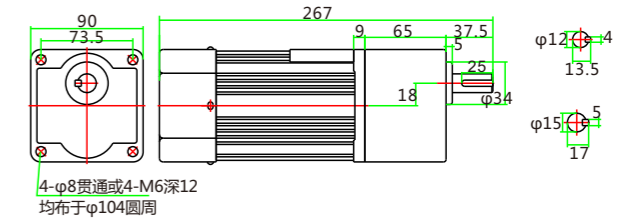
注意: 使用电压和机型号不同, 电容容量不一样, 订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min, 60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时, 可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

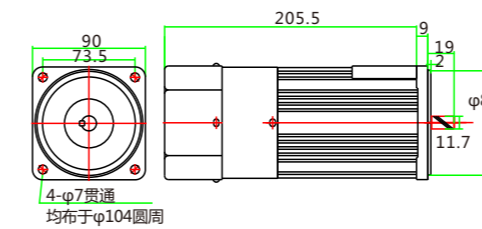
光轴型(圆轴、扁轴、键槽) Round shaft type: round/milling/keyway



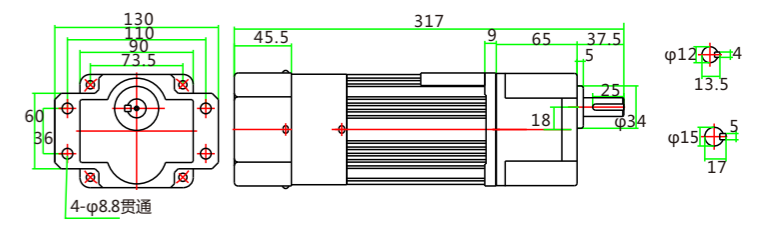
GK定/调速型 constant speed/speed regulation type



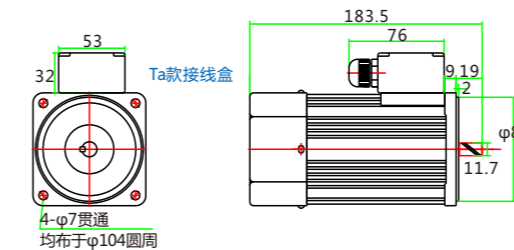
刹车定/调速齿轴 Brake Constant speed /Speed adjusting gear shaft



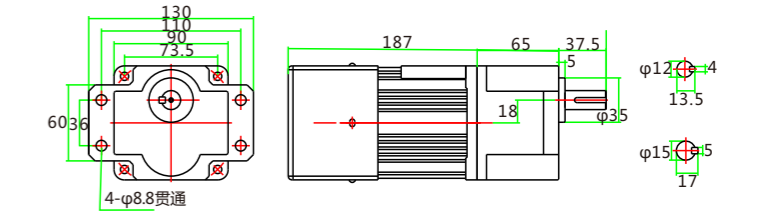
GS刹车定/调速型 Brake constant speed /speed regulation type



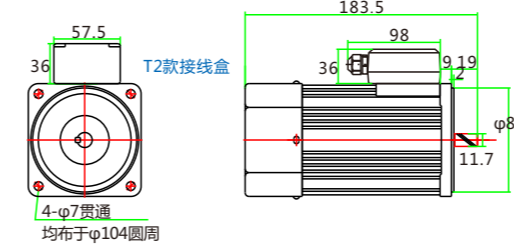
定/调速齿轴 Constant speed /Speed adjusting gear shaft



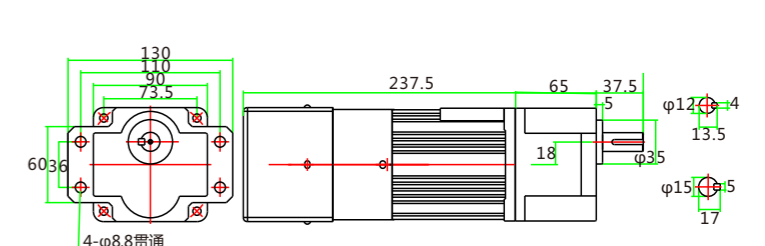
定/调速带独立风扇 Fixed /tuned belt independent fan



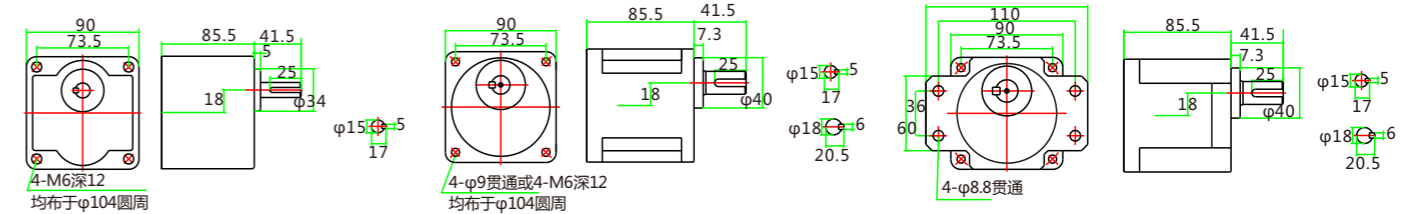
定/调速齿轴 Constant speed /Speed adjusting gear shaft



定/调速刹车带独立风扇 Fixed/speed adjustment brake belt independent fan

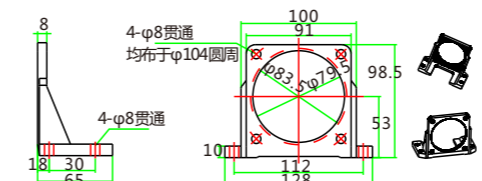


五级加强型齿轮箱 Five-stage reinforced gear box



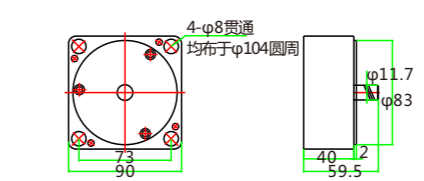
90型脚架 90 type mounting bracket

安装尺寸: 90mm type mounting bracket

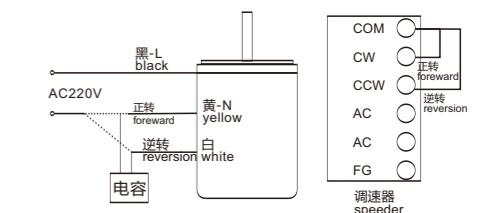


5GU-10X

结构: 中间减速器结构: middle gear box

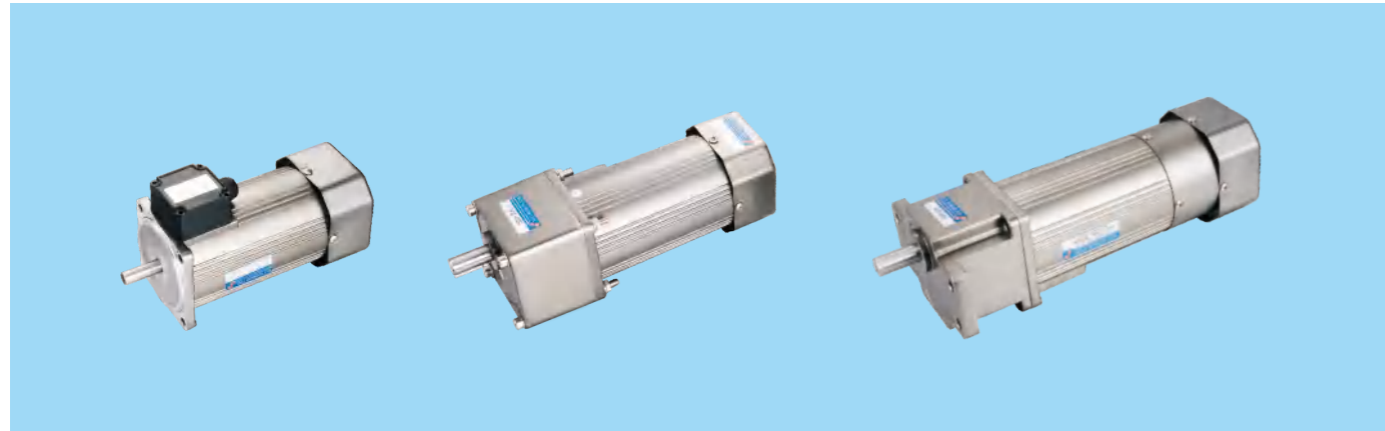


接线图 Connecting type



180W 90×90mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



电机技术参数 Motor Technical Parameters

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|--------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 5IK180A-AF | 5IK180GU-AF | 180 | 1PH110 | 50 | 3.08 | 0.528 | 1.32 | 1400 | 连续 | 30/250 |
| | | | | 单相 | 60 | 3.08 | 0.44 | 1.1 | 1680 | 连续 | |
| | 5IK180A-CF | 5IK180GU-CF | 180 | 1PH220 | 50 | 1.54 | 0.528 | 1.32 | 1400 | 连续 | 8/450 |
| | | | | 单相 | 60 | 1.54 | 0.44 | 1.1 | 1680 | 连续 | |
| 可逆电机 Reversible motor | 5IK180A-SF | 5IK180GU-SF | 180 | 3PH220 | 50 | 1.12 | 3.17 | 1.32 | 1400 | 连续 | |
| | | | | 三相 | 60 | 1.12 | 2.64 | 1.1 | 1680 | 连续 | |
| | 5IK180A-UF | 5IK180GU-UF | 180 | 3PH380 | 50 | 0.65 | 3.17 | 1.32 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.65 | 2.64 | 1.1 | 1680 | 连续 | |
| 刹车电机 Brake motor | 5IK180A-AFM | 5IK180GU-AFM | 180 | 1PH110 | 50 | 3.08 | 0.528 | 1.32 | 1400 | 30 | 30/250 |
| | | | | 单相 | 60 | 3.08 | 0.44 | 1.1 | 1680 | 30 | |
| | 5IK180A-CFM | 5IK180GU-CFM | 180 | 1PH220 | 50 | 1.54 | 0.528 | 1.32 | 1400 | 30 | 8/450 |
| | | | | 单相 | 60 | 1.54 | 0.44 | 1.1 | 1680 | 30 | |
| 调速电机 Variable motor | 5IK180A-SFM | 5IK180GU-SFM | 180 | 3PH220 | 50 | 1.12 | 3.17 | 1.32 | 1400 | 连续 | |
| | | | | 三相 | 60 | 1.12 | 2.64 | 1.1 | 1680 | 连续 | |
| | 5IK180A-UFM | 5IK180GU-UFM | 180 | 3PH380 | 50 | 0.65 | 3.17 | 1.32 | 1400 | 连续 | |
| | | | | 三相 | 60 | 0.65 | 2.64 | 1.1 | 1680 | 连续 | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | |
| 调速电机 Variable motor | 5IK180RA-AF | 5IK180RGU-AF | 180 | 1PH110 | 50 | 90-1400 | 0.528 | 0.49 | 1.32 | 25/250 |
| | | | | 单相 | 60 | 90-1680 | 0.44 | 0.49 | 1.1 | |
| 调速电机 Variable motor | 5IK180RA-CF | 5IK180RGU-CF | 180 | 1PH220 | 50 | 90-1400 | 0.528 | 0.49 | 1.32 | 8/450 |
| | | | | 单相 | 60 | 90-1680 | 0.44 | 0.49 | 1.1 | |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque (the Rated Torque)

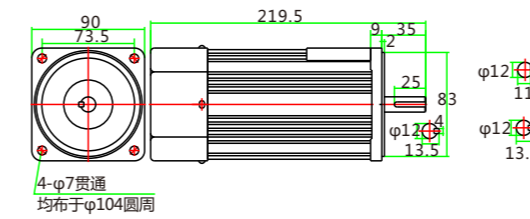
| 减速比 reduction ratio | 功率 KW | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 | |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|------|----|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|------|----|
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.86 | |
| | 转矩 N.M | 2.32 | 2.9 | 3.48 | 4.17 | 4.63 | 5.79 | 6.95 | 8.69 | 10.4 | 11.6 | 13.7 | 16.4 | 19.7 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | 2.24 | |
| | 转矩 N.M | 1.86 | 2.33 | 2.79 | 3.35 | 3.72 | 4.66 | 5.59 | 6.98 | 8.38 | 9.31 | 11 | 13.2 | 15.8 | 17.6 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-750K适配齿轴 减速箱输出轴：正转 反转

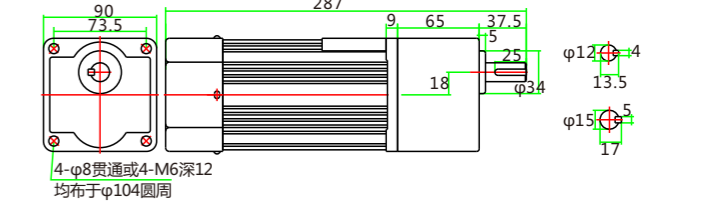
注意：使用电压和机型号不同，电容容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

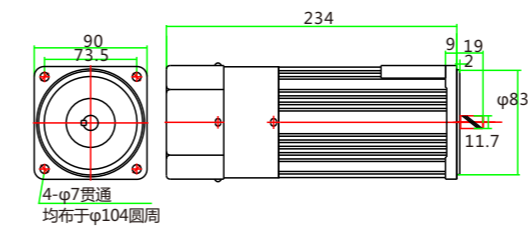
光轴型(圆轴、扁轴、键槽) Round shaft type:round/milling/keyway



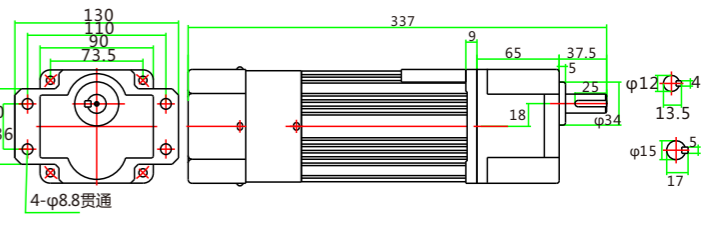
GK定/调速型 constant speed/speed regulation type



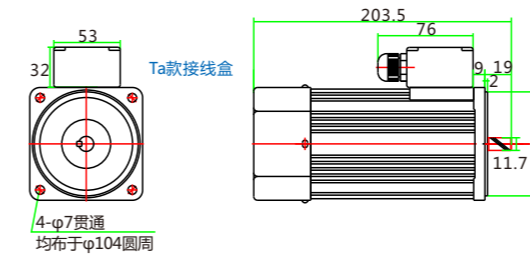
刹车定/调速齿轴 Brake Constant speed /Speed adjusting gear shaft



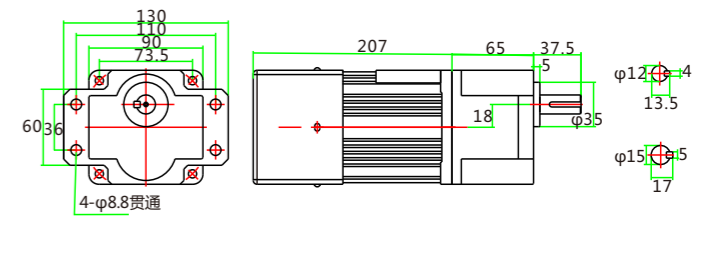
GS刹车定/调速型 Brake constant speed /speed regulation type



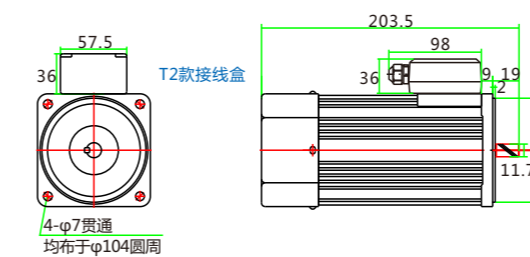
定/调速齿轴 Constant speed /Speed adjusting gear shaft



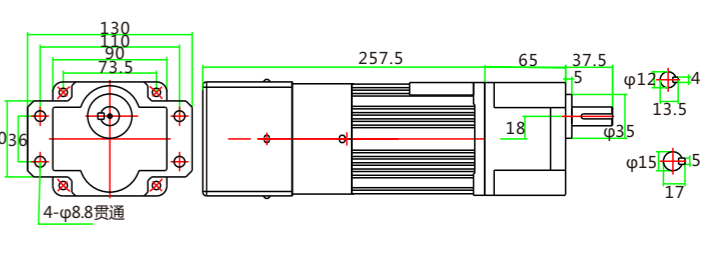
定/调速带独立风扇 Fixed / tuned belt independent fan



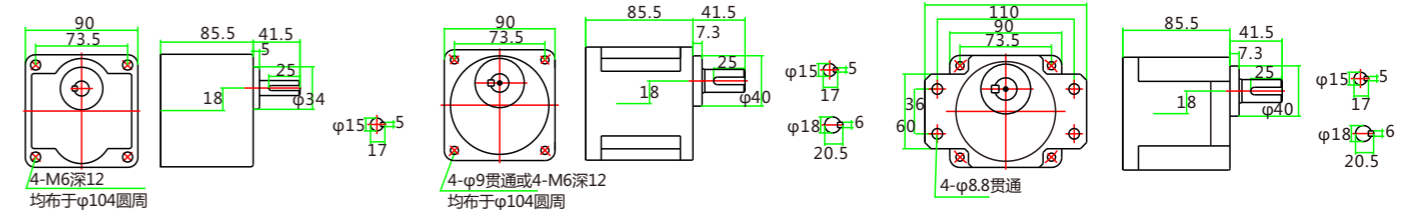
定/调速齿轴 Constant speed /Speed adjusting gear shaft



定/调速刹车带独立风扇 Fixed/speed adjustment brake belt independent fan

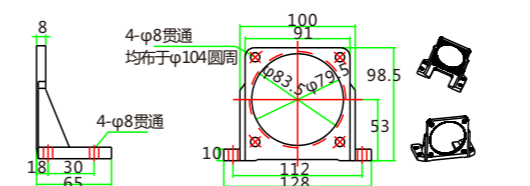


五级加强型齿轮箱 Five-stage reinforced gear box



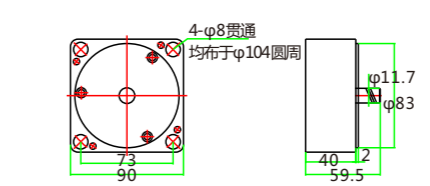
90型脚架 90mm type mounting bracket

安装尺寸: 90mm type mounting bracket

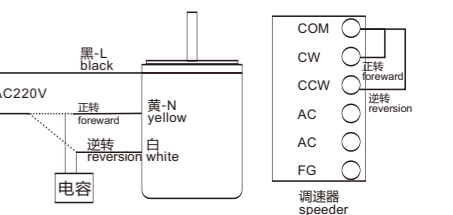


5GU-10X 结构: 中间减速器结构:middle gear box

结构: 中间减速器结构:middle gear box

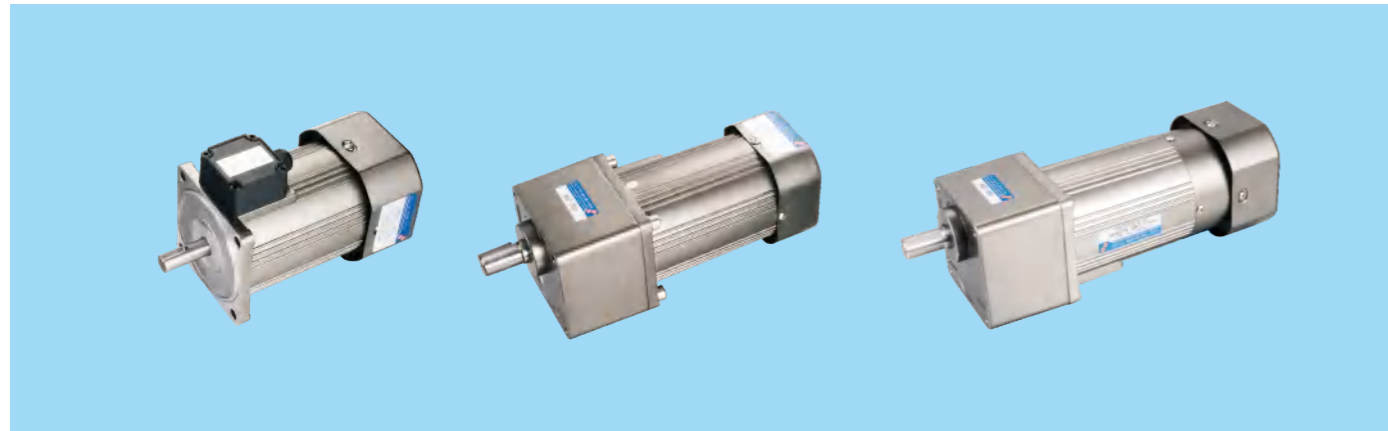


接线图 Connecting type



180/200W 104×104mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



电机技术参数 Motor Technical Parameters

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|-------------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 6IK180/200A-AF | 6IK180/200GU-AF | 180/200 | 1PH110 单相 | 50 60 | 3.08/3.34 3.08/3.34 | 0.53/0.59 0.44/0.49 | 1.32/1.47 1.1/1.22 | 1400 1680 | 连续 | 40/250 |
| | 6IK180/200A-CF | 6IK180/200GU-CF | 180/200 | 1PH220 单相 | 50 60 | 1.54/1.67 1.54/1.67 | 0.53/0.59 0.44/0.49 | 1.32/1.47 1.1/1.22 | 1400 1680 | 连续 | 10/450 |
| | 6IK180/200A-SF | 6IK180/200GU-SF | 180/200 | 3PH220 三相 | 50 60 | 1.12/1.17 1.12/1.17 | 3.05/3.38 2.54/2.83 | 1.27/1.41 1.06/1.18 | 1400 1680 | 连续 | |
| | 6IK180/200A-UF | 6IK180/200GU-UF | 180/200 | 3PH380 三相 | 50 60 | 0.65/0.68 0.65/0.68 | 3.05/3.38 2.54/2.83 | 1.27/1.41 1.06/1.18 | 1400 1680 | 连续 | |
| 可变速电机 Variable speed motor | 6RK180/200A-AF | 6RK180/200GU-AF | 180/200 | 1PH110 单相 | 50 60 | 3.08/3.34 3.08/3.34 | 0.53/0.59 0.44/0.49 | 1.32/1.47 1.1/1.22 | 1400 1680 | 30 | 40/250 |
| | 6RK180/200A-CF | 6RK180/200GU-CF | 180/200 | 1PH220 单相 | 50 60 | 1.54/1.67 1.54/1.67 | 0.53/0.59 0.44/0.49 | 1.32/1.47 1.1/1.22 | 1400 1680 | 30 | 10/450 |
| 刹车电机 Brake motor | 6IK180/200A-AFM | 6IK180/200GU-AFM | 180/200 | 1PH110 单相 | 50 60 | 3.08/3.34 3.08/3.34 | 0.53/0.59 0.44/0.49 | 1.32/1.47 1.1/1.22 | 1400 1680 | 30 | 40/250 |
| | 6IK180/200A-CFM | 6IK180/200GU-CFM | 180/200 | 1PH220 单相 | 50 60 | 1.54/1.67 1.54/1.67 | 0.53/0.59 0.44/0.49 | 1.32/1.47 1.1/1.22 | 1400 1680 | 30 | 10/450 |
| | 6IK180/200A-SFM | 6IK180/200GU-SFM | 180/200 | 3PH220 三相 | 50 60 | 1.12/1.17 1.12/1.17 | 3.05/3.38 2.54/2.83 | 1.27/1.41 1.06/1.18 | 1400 1680 | 连续 | |
| | 6IK180/200A-UFM | 6IK180/200GU-UFM | 180/200 | 3PH380 三相 | 50 60 | 0.65/0.68 0.65/0.68 | 3.05/3.38 2.54/2.83 | 1.27/1.41 1.06/1.18 | 1400 1680 | 连续 | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|------------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | |
| 调速电机 Variable speed motor | 6IK180/200RA-AF | 6IK180/200RGU-AF | 180/200 | 1PH110 单相 | 50 | 90-1400 | 0.53/0.59 | 0.49/0.55 | 1.32/1.47 | 30/250 |
| | 6IK180/200RA-CF | 6IK180/200RGU-CF | 180/200 | 1PH220 单相 | 50 | 90-1400 | 0.53/0.59 | 0.49/0.55 | 1.32/1.47 | 10/450 |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque (the Rated Torque)

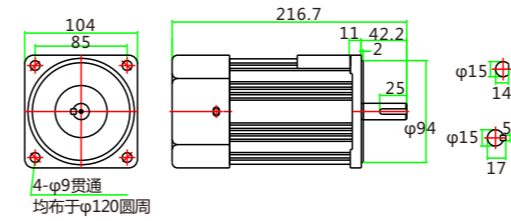
| 减速比 reduction ratio | 功率 KW | 转速 r/min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|------|----|
| | | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 | |
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.86 | |
| | 转矩 N.M | 2.32 | 2.9 | 3.48 | 4.17 | 4.63 | 5.79 | 6.95 | 8.69 | 10.4 | 11.6 | 13.7 | 16.4 | 19.7 | 21.9 | 27.4 | 32.9 | 39.4 | 43.8 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | 2.24 | |
| | 转矩 N.M | 1.86 | 2.33 | 2.79 | 3.35 | 3.72 | 4.66 | 5.59 | 6.98 | 8.38 | 9.31 | 11 | 13.2 | 15.8 | 17.6 | 22 | 26.4 | 31.7 | 35.2 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.86 | |
| | 转矩 N.M | 2.57 | 3.22 | 3.86 | 4.63 | 5.16 | 6.44 | 7.72 | 9.66 | 11.6 | 12.9 | 15 | 18 | 21.5 | 24.1 | 30.1 | 36.1 | 43.3 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | 2.24 | |
| | 转矩 N.M | 2.07 | 2.59 | 3.1 | 3.72 | 4.14 | 5.17 | 6.21 | 7.76 | 9.31 | 10.3 | 12.1 | 14.5 | 17.4 | 19.3 | 24.2 | 29 | 34.8 | 38.7 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |

注: 齿轴适配3种, 2-250K适配齿轴, 300K适配齿轴, 400-750K适配齿轴 减速箱输出轴: 正转 反转

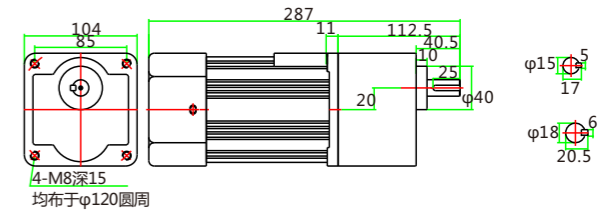
注意: 使用电压和机型号不同, 电容容量不一样, 订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时, 可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

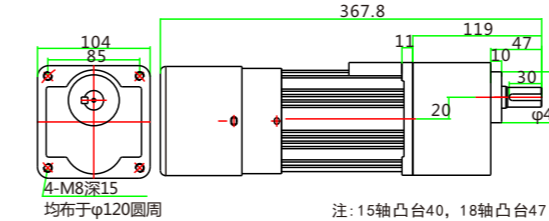
光轴型(圆轴、扁轴、键槽) Round shaft type: round/milling/keyway



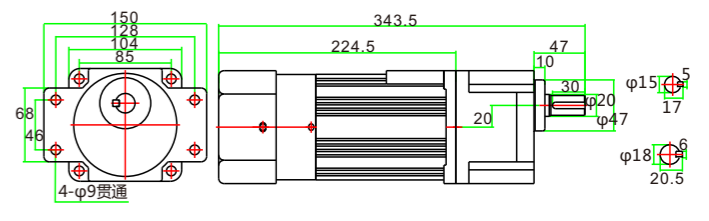
GK定/调速型 GK constant speed/speed regulation type



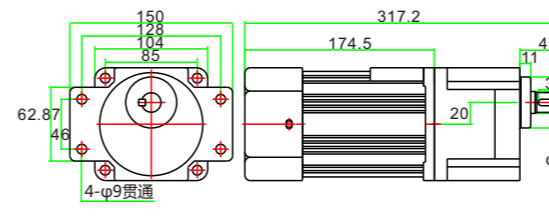
GK定/调速刹车带独立风扇型 Fixe/speed adjustment brake belt independent fan type



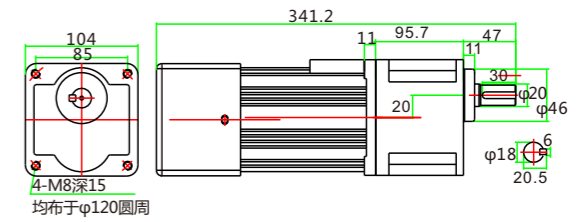
GS定/调速带刹车型 Fixe/speed regulation belt brake



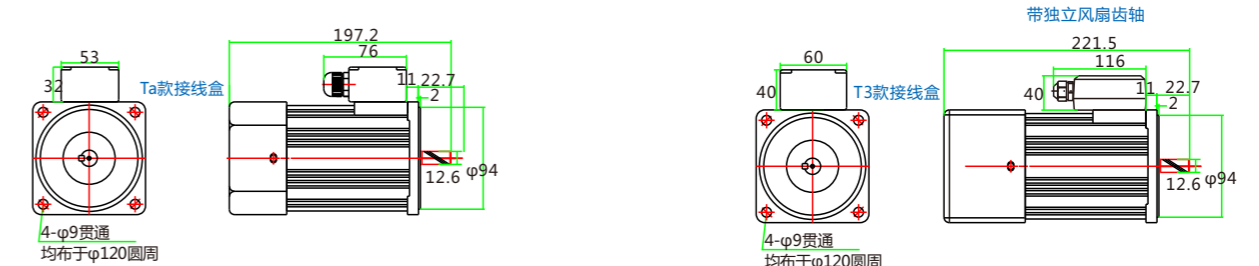
GS 五级加强型 Five-stage reinforced



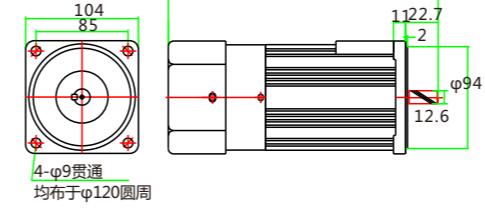
GK 五级加强型带独立风扇 Level 5 reinforced with independent fan



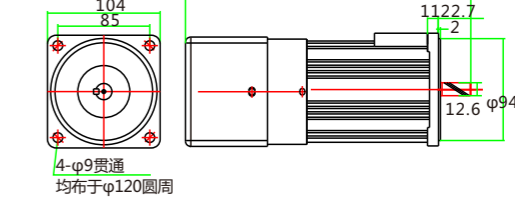
以下齿轴适配以上任何齿轮箱 The following gear shafts are suitable for any of the above gearboxes



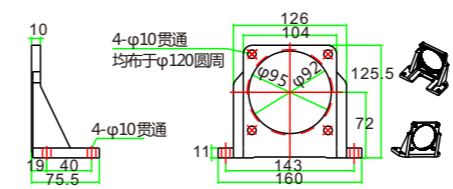
带刹车齿轴 247.2



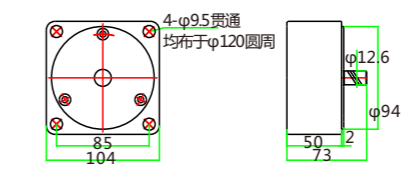
刹车带独立风扇齿轴 271.5



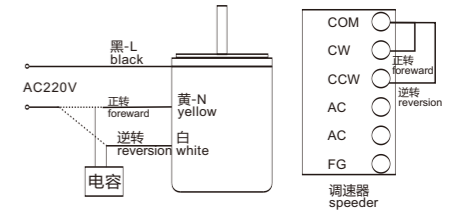
104 型脚架 安装尺寸: 104mm type mounting bracket



6GU-10X 结构: 中间减速器 structure: middle gear box



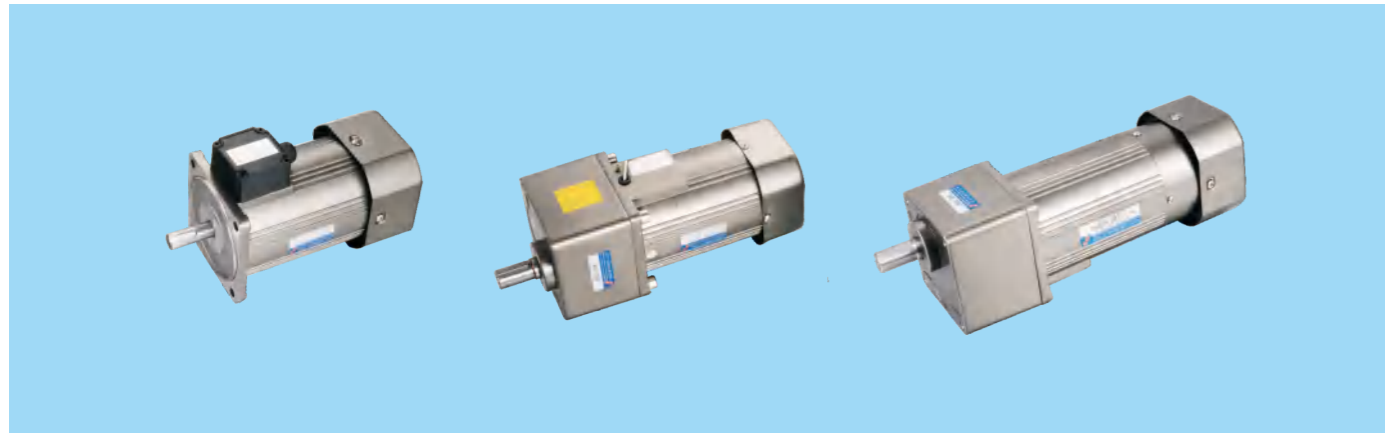
接线图 Connecting type



250W/300W

104×104mm

MICRO AC GEAR MOTOR SERIES 微型交流齿轮减速电机



电机技术参数 Motor Technical Parameters

Table with columns for motor type (Induction, Reversible, Brake), power, voltage, frequency, current, torque, speed, and time. It lists various model numbers like 6IK250/300A-AF and their specifications.

Table for Variable motor (调速电机) with columns for power, voltage, frequency, speed control range, torque, and time. It lists models like 6IK250/300RA-AF.

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque(the Rated Torque)

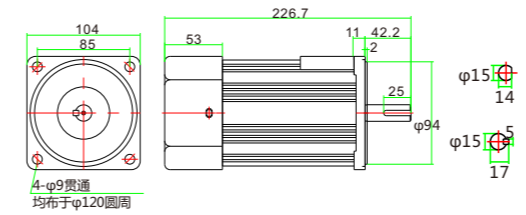
Large table showing maximum allowable torque for different reduction ratios (e.g., 0.25, 0.3) and power ratings (2KW to 750KW).

注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-750K适配齿轴 减速箱输出轴：正转 反转

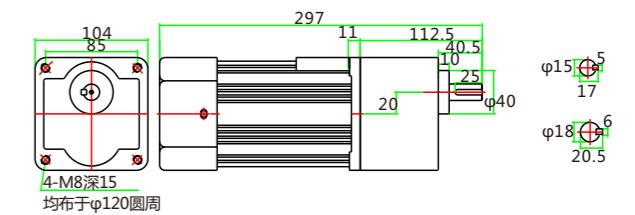
注意：使用电压和机型号不同，电容量不一样，订货时请务必指明具体的型号。转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。

MICRO AC GEAR MOTOR SERIES 微型交流齿轮减速电机

光轴型(圆轴、扁轴、键槽) Round shaft type:round/milling/keyway

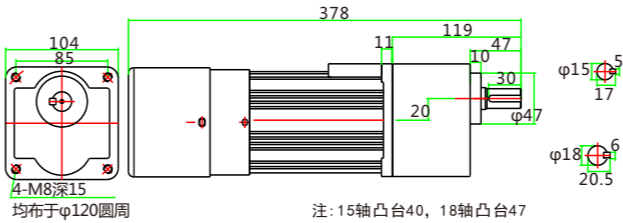


GK定/调速型 GKconstant speed/speed regulation type

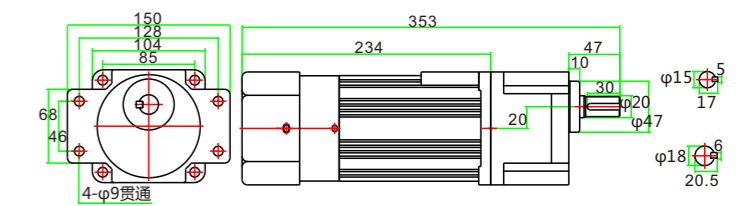


GK定/调速刹车带独立风扇型

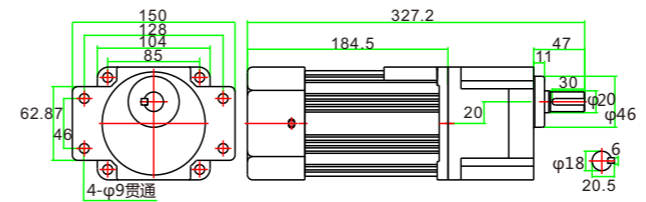
Fixe/speed adjustment brake belt independent fan type



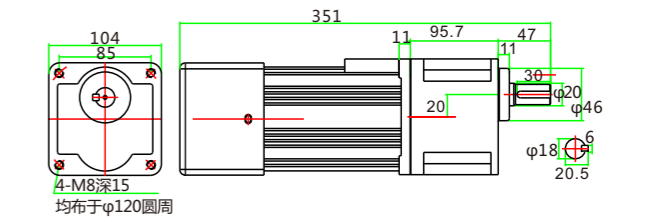
GS定/调速带刹车型 Fixe/speed regulation belt brake



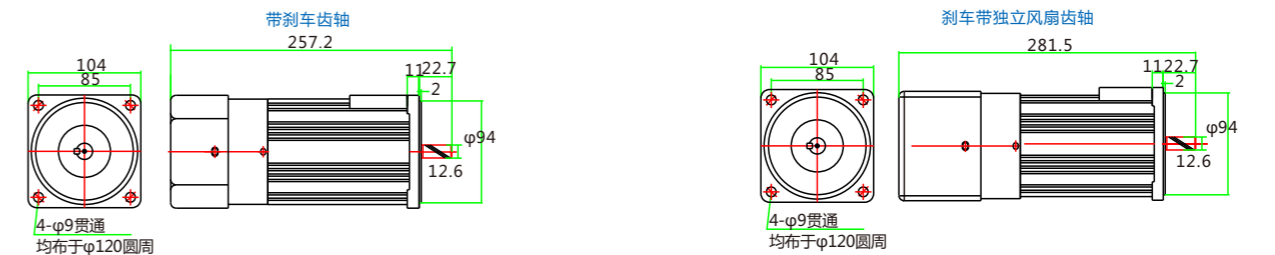
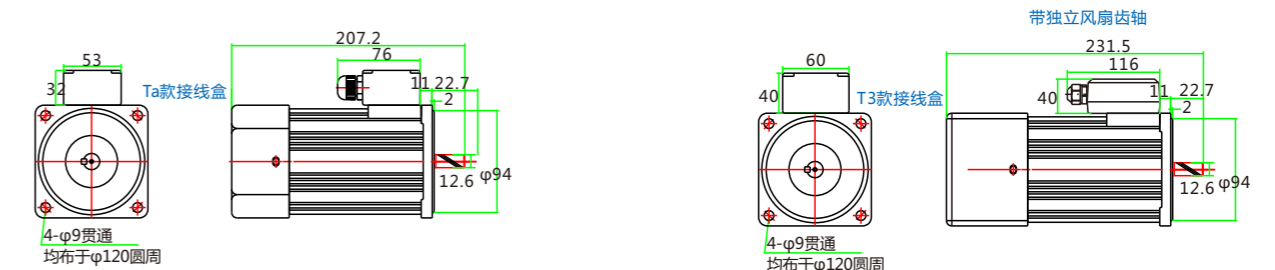
GS 五级加强型 Five-stage reinforced



GK 五级加强型带独立风扇 Level 5 reinforced with independent fan

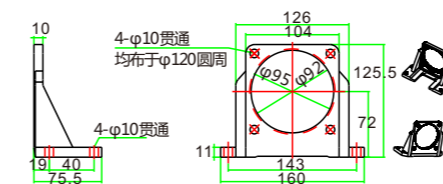


以下齿轴适配以上任何齿轮箱 The following gear shafts are suitable for any of the above gearboxes



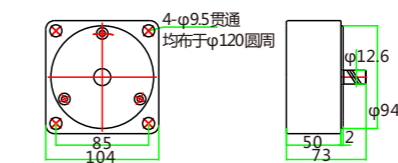
104 型脚架

安装尺寸：104mm type mounting bracket

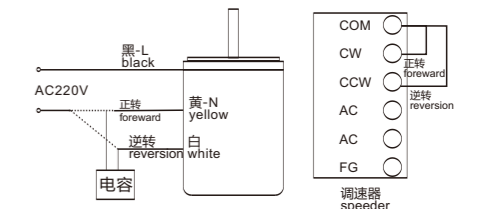


6GU-10X

结构：中间减速器structure:middle gear box



接线图 Connecting type



370W

104×104mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Stating Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|-----------------------|-----------------------------|----------------------------|------------|--------------|-----------------|--------------|-------------------------|-----------------------|------------------------|---------------------|---------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 6IK370A-AF | 6IK370GU-AF | 370 | 1PH110 单相 | 50 | 5.90 | 0.95 | 2.72 | 1400 | 连续 | 60/250 |
| | 6IK370A-CF | 6IK370GU-CF | 370 | 1PH220 单相 | 50 | 2.95 | 0.95 | 2.72 | 1400 | 连续 | 16/450 |
| | 6IK370A-SF | 6IK370GU-SF | 370 | 3PH220 三相 | 50 | 1.94 | 6.29 | 2.62 | 1400 | 连续 | |
| | 6IK370A-UF | 6IK370GU-UF | 370 | 3PH380 三相 | 50 | 1.12 | 6.29 | 2.62 | 1400 | 连续 | |
| 可逆电机 Reversible motor | 6RK370A-AF | 6RK370GU-AF | 370 | 1PH110 单相 | 50 | 5.90 | 0.95 | 2.72 | 1400 | 30 | 60/250 |
| | 6RK370A-CF | 6RK370GU-CF | 370 | 1PH220 单相 | 50 | 2.95 | 0.95 | 2.72 | 1400 | 30 | 16/450 |
| 刹车电机 Brake motor | 6IK370A-AFM | 6IK370GU-AFM | 370 | 1PH110 单相 | 50 | 5.90 | 0.95 | 2.72 | 1400 | 30 | 60/250 |
| | 6IK370A-CFM | 6IK370GU-CFM | 370 | 1PH220 单相 | 50 | 2.95 | 0.95 | 2.72 | 1400 | 30 | 16/450 |
| | 6IK370A-SFM | 6IK370GU-SFM | 370 | 3PH220 三相 | 50 | 1.94 | 6.29 | 2.62 | 1400 | 连续 | |
| | 6IK370A-UFM | 6IK370GU-UFM | 370 | 3PH380 三相 | 50 | 1.12 | 6.29 | 2.62 | 1400 | 连续 | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Stating Torque N.M | 额定转矩 Rated Torque N.M | 额定时间 Rated Time min | 电容 Capacitor uF/VAC | |
|---------------------|-----------------------------|----------------------------|------------|--------------|-----------------|------------------------------|-------------------------|-----------------------|---------------------|---------------------|--------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 调速电机 Variable motor | 6IK370RA-AF | 6IK370RGU-AF | 370 | 1PH110 单相 | 50 | 90-1400 | 0.95 | 1.00 | 2.72 | 连续 | 50/250 |
| | 6IK370RA-CF | 6IK370RGU-CF | 370 | 1PH220 单相 | 50 | 90-1400 | 0.95 | 1.00 | 2.72 | 连续 | 16/450 |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque(the Rated Torque)

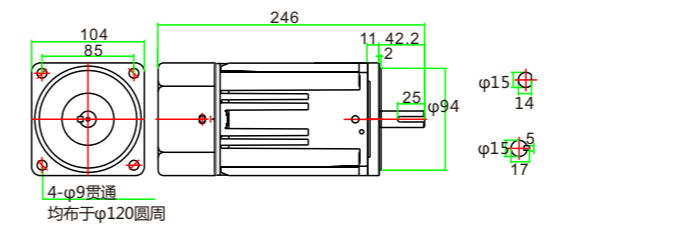
| 减速比 reduction ratio | 功率 KW | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 |
|---------------------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|------|----|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|------|
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | 1.86 |
| | 转矩 N.M | 4.71 | 5.89 | 7.07 | 8.48 | 9.42 | 11.8 | 14.1 | 17.7 | 21.2 | 23.6 | 26.2 | 31.4 | 37.7 | 41.9 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | 2.24 |
| | 转矩 N.M | 3.79 | 4.73 | 5.68 | 6.81 | 7.57 | 9.46 | 11.4 | 14.2 | 17 | 18.9 | 21 | 25.2 | 30.3 | 33.7 | 42.1 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |

注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-750K适配齿轴 减速箱输出轴：正转 反转

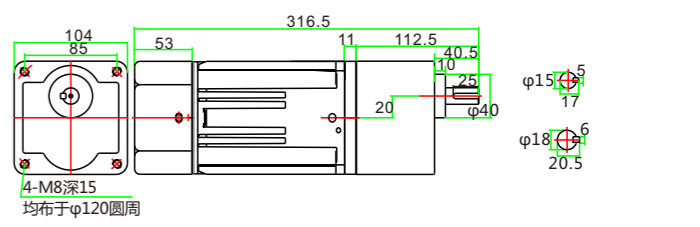
注意：使用电压和机型不同，电容容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

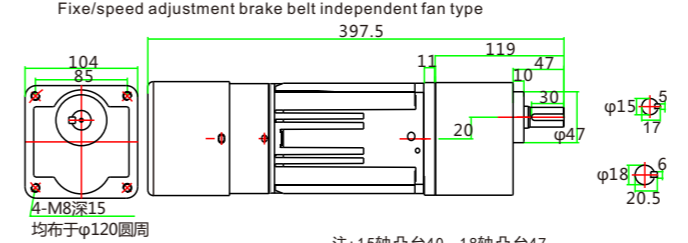
光轴型(圆轴、扁轴、键槽) Round shaft type:round/milling/keyway



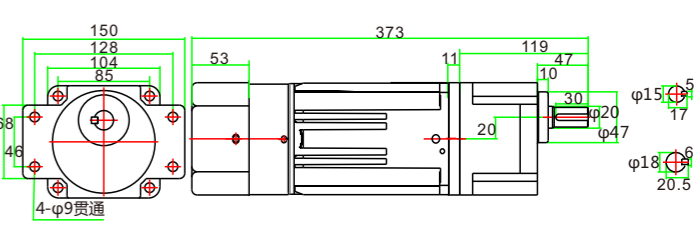
GK定/调速型 GK constant speed/speed regulation type



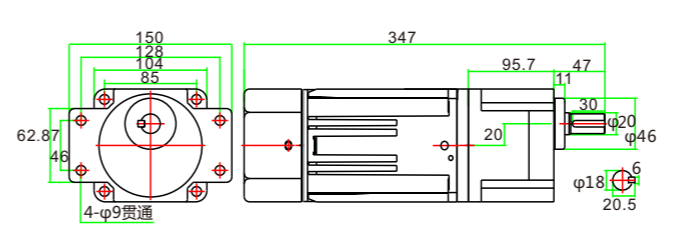
GK定/调速刹车带独立风扇型 Fixe/speed adjustment brake belt independent fan type



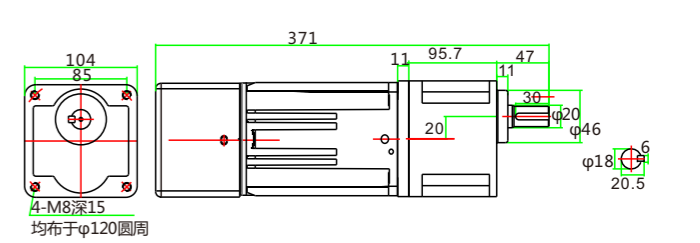
GS定/调速带刹车型 Fixe/speed regulation belt brake



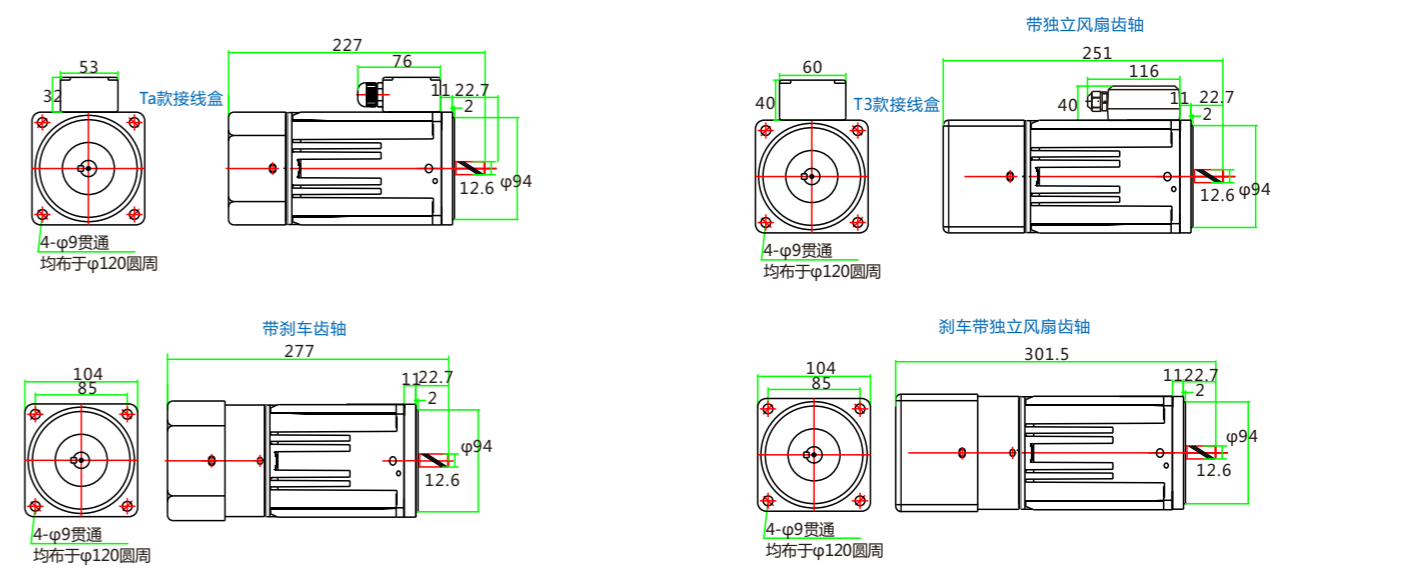
GS 五级加强型 Five-stage reinforced



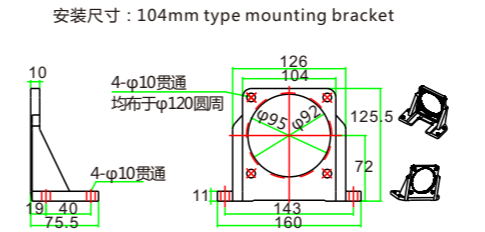
GK 五级加强型带独立风扇 Level 5 reinforced with independent fan



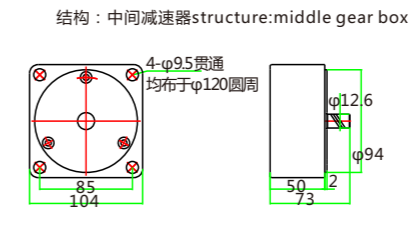
以下齿轴适配以上任何齿轮箱 The following gear shafts are suitable for any of the above gearboxes



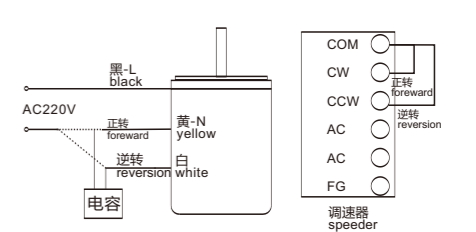
104 型脚架 104mm type mounting bracket



6GU-10X 结构：中间减速器 structure:middle gear box

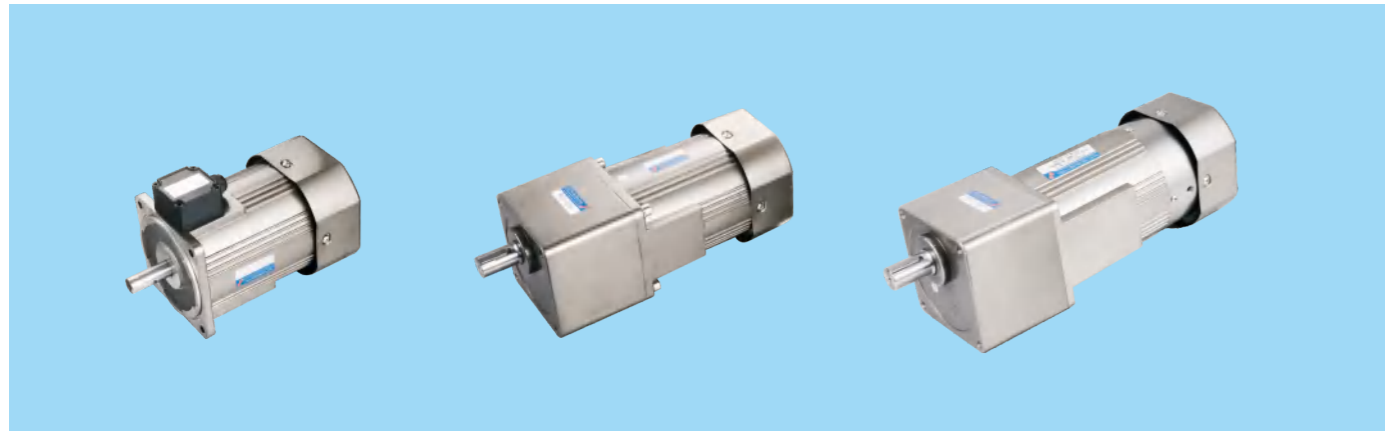


接线图 Connecting type



400W 120×120mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|--------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轮电机 motor with gear shaft | | | | | | | | | |
| 感应电机 Induction motor | 7IK400A-AF | 7IK400GU-AF | 400 | 1PH110 | 50 | 6.04 | 0.94 | 2.69 | 1400 | 连续 | 65/250 |
| | | | | 单相 | 60 | 6.04 | 0.79 | 2.25 | 1680 | 连续 | |
| | 7IK400A-CF | 7IK400GU-CF | 400 | 1PH220 | 50 | 3.02 | 0.94 | 2.69 | 1400 | 连续 | 16/450 |
| | | | | 单相 | 60 | 3.02 | 0.79 | 2.25 | 1680 | 连续 | |
| 可逆电机 Reversible motor | 7IK400A-SF | 7IK400GU-SF | 400 | 3PH220 | 50 | 2.00 | 6.56 | 2.73 | 1400 | 连续 | |
| | | | | 三相 | 60 | 2.00 | 5.45 | 2.27 | 1680 | 连续 | |
| | 7IK400A-UF | 7IK400GU-UF | 400 | 3PH380 | 50 | 1.15 | 6.56 | 2.73 | 1400 | 连续 | |
| | | | | 三相 | 60 | 1.15 | 5.45 | 2.27 | 1680 | 连续 | |
| 刹车电机 Brake motor | 7RK400A-AF | 7RK400GU-AF | 400 | 1PH110 | 50 | 6.04 | 0.94 | 2.69 | 1400 | 30 | 65/250 |
| | | | | 单相 | 60 | 6.04 | 0.79 | 2.25 | 1680 | 30 | |
| | 7RK400A-CF | 7RK400GU-CF | 400 | 1PH220 | 50 | 3.02 | 0.94 | 2.69 | 1400 | 30 | 16/450 |
| | | | | 单相 | 60 | 3.02 | 0.79 | 2.25 | 1680 | 30 | |
| 调速电机 Variable motor | 7IK400A-AFM | 7IK400GU-AFM | 400 | 1PH110 | 50 | 56.04 | 0.94 | 2.69 | 1400 | 30 | 65/250 |
| | | | | 单相 | 60 | 6.04 | 0.79 | 2.25 | 1680 | 30 | |
| | 7IK400A-CFM | 7IK400GU-CFM | 400 | 1PH220 | 50 | 3.02 | 0.94 | 2.69 | 1400 | 30 | 16/450 |
| | | | | 单相 | 60 | 3.02 | 0.79 | 2.25 | 1680 | 30 | |
| 调速电机 Variable motor | 7IK400A-SFM | 7IK400GU-SFM | 400 | 3PH220 | 50 | 2.00 | 6.56 | 2.73 | 1400 | 连续 | |
| | | | | 三相 | 60 | 2.00 | 5.45 | 2.27 | 1680 | 连续 | |
| | 7IK400A-UFM | 7IK400GU-UFM | 400 | 3PH380 | 50 | 1.15 | 6.56 | 2.73 | 1400 | 连续 | |
| | | | | 三相 | 60 | 1.15 | 5.45 | 2.27 | 1680 | 连续 | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定时间 Rated Time min | 电容 Capacitor uF/VAC | |
|------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|---------------------------|---------------------------|--------|
| | 圆轴电机 motor with round shaft | 齿轮电机 motor with gear shaft | | | | | | | | | |
| 调速电机 Variable motor | 7IK400RA-AF | 7IK400RGU-AF | 400 | 1PH110 | 50 | 90-1400 | 0.94 | 1.09 | 2.69 | 连续 | 50/250 |
| | | | | 单相 | 60 | 90-1680 | 0.79 | 1.09 | 2.25 | 连续 | |
| | 7IK400RA-CF | 7IK400RGU-CF | 400 | 1PH220 | 50 | 90-1400 | 0.94 | 1.09 | 2.69 | 连续 | 16/450 |
| | | | | 单相 | 60 | 90-1680 | 0.79 | 1.09 | 2.25 | 连续 | |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque(the Rated Torque)

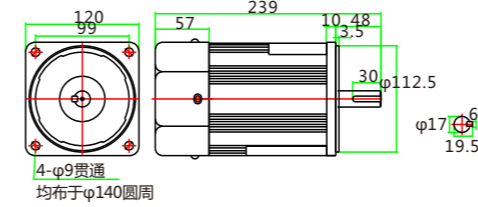
| 减速比 reduction ratio | 功率 KW | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 | |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|-----|---|
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | - | |
| | 转矩 N.M | 5.09 | 6.37 | 7.64 | 9.17 | 10.2 | 12.7 | 15.3 | 19.1 | 22.9 | 25.5 | 28.3 | 34 | 40.7 | 45.3 | 56.6 | 67.9 | 81.5 | 90.6 | 113 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | - |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | - | |
| | 转矩 N.M | 4.09 | 5.12 | 6.14 | 7.37 | 8.19 | 10.2 | 12.3 | 15.3 | 18.4 | 20.5 | 22.7 | 27.3 | 32.7 | 36.4 | 45.5 | 54.6 | 65.5 | 72.8 | 91 | 109 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | - |

注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-750K适配齿轴 减速箱输出轴：正转 反转

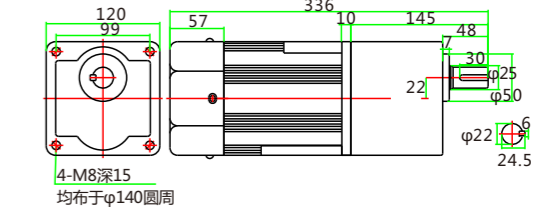
▲ 注意：使用电压和机型号不同，电容容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

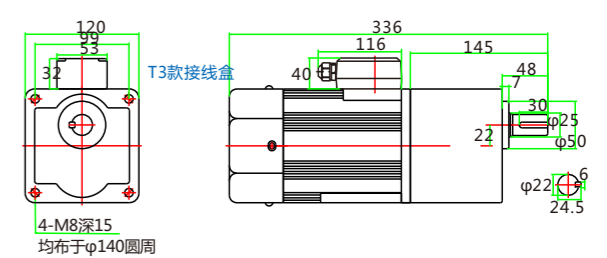
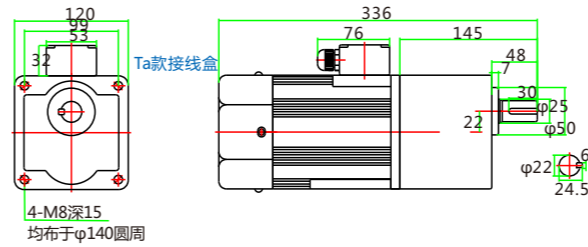
光轴型(圆轴、扁轴、键槽) Round shaft type:round/milling/keyway



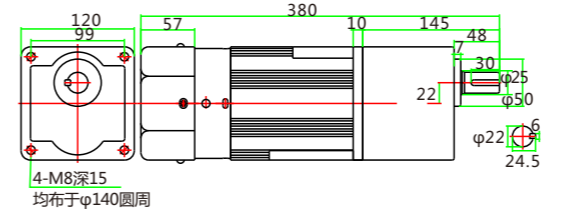
GK定/调速型 GKConstant speed type



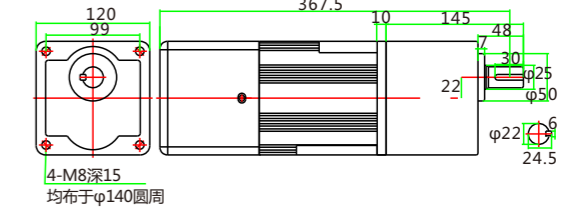
GK定/调速型带端子箱 GKConstant speed /speed constant type with terminal box



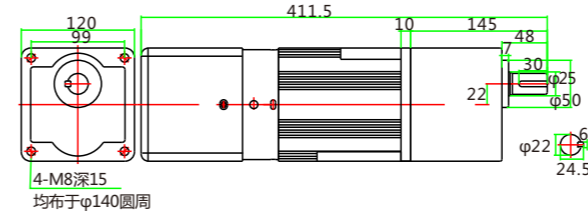
GK定/调速刹车型 Fixe/speed control brake



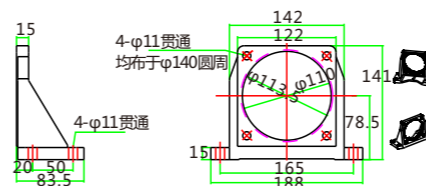
GK定/调速独立风扇型 Fixe/speed adjustment independent fan type



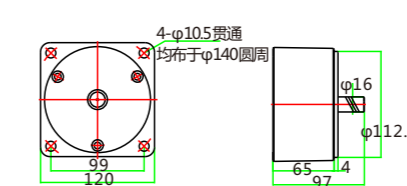
GK定/调速刹车带独立风扇型 Fixe/speed adjustment brake belt independent fan type



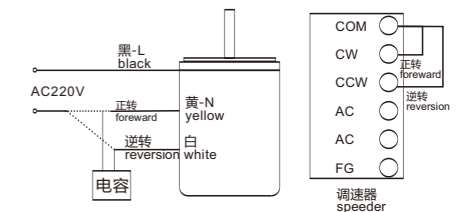
120 型脚架 安装尺寸: 120mm type mounting bracket



7GU-10X 结构: 中间减速器structure:middle gear box



接线图 Connecting type



750W 120×120mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|--------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 induction motor | 7IK750A-AF | 7IK750GU-AF | 750 | 1PH110 | 50 | 9.70 | 8.57 | 5.04 | 1400 | 连续 | 80/250 |
| | | | | 单相 | 60 | 9.70 | 7.16 | 4.21 | 1680 | 连续 | |
| | 7IK750A-CF | 7IK750GU-CF | 750 | 1PH220 | 50 | 4.85 | 8.57 | 5.04 | 1400 | 连续 | 25/450 |
| | | | | 单相 | 60 | 4.85 | 7.16 | 4.21 | 1680 | 连续 | |
| 可逆电机 reversible motor | 7IK750A-SF | 7IK750GU-SF | 750 | 3PH220 | 50 | 3.64 | 11.78 | 5.12 | 1400 | 连续 | |
| | | | | 三相 | 60 | 3.64 | 9.80 | 4.26 | 1680 | 连续 | |
| | 7IK750A-UF | 7IK750GU-UF | 750 | 3PH380 | 50 | 2.10 | 11.78 | 5.12 | 1400 | 连续 | |
| | | | | 三相 | 60 | 2.10 | 9.80 | 4.26 | 1680 | 连续 | |
| 刹车电机 brake motor | 7RK750A-AF | 7RK750GU-AF | 750 | 1PH110 | 50 | 9.70 | 8.57 | 5.04 | 1400 | 30 | 80/250 |
| | | | | 单相 | 60 | 9.70 | 7.16 | 4.21 | 1680 | 30 | |
| | 7RK750A-CF | 7RK750GU-CF | 750 | 1PH220 | 50 | 4.85 | 8.57 | 5.04 | 1400 | 30 | 25/450 |
| | | | | 单相 | 60 | 4.85 | 7.16 | 4.21 | 1680 | 30 | |
| 刹车电机 brake motor | 7IK750A-AFM | 7IK750GU-AFM | 750 | 1PH110 | 50 | 9.70 | 8.57 | 5.04 | 1400 | 30 | 80/250 |
| | | | | 单相 | 60 | 9.70 | 7.16 | 4.21 | 1680 | 30 | |
| | 7IK750A-CFM | 7IK750GU-CFM | 750 | 1PH220 | 50 | 4.85 | 8.57 | 5.04 | 1400 | 30 | 25/450 |
| | | | | 单相 | 60 | 4.85 | 7.16 | 4.21 | 1680 | 30 | |
| 刹车电机 brake motor | 7IK750A-SFM | 7IK750GU-SFM | 750 | 3PH220 | 50 | 3.64 | 11.78 | 5.12 | 1400 | 连续 | |
| | | | | 三相 | 60 | 3.64 | 9.80 | 4.26 | 1680 | 连续 | |
| | 7IK750A-UFM | 7IK750GU-UFM | 750 | 3PH380 | 50 | 2.10 | 11.78 | 5.12 | 1400 | 连续 | |
| | | | | 三相 | 60 | 2.10 | 9.80 | 4.26 | 1680 | 连续 | |

| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range rpm | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定时间 Rated Time min | 电容 Capacitor uF/VAC | |
|------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|------------------------------------|--------------------------------|-----------------------------|---------------------------|---------------------------|--------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 调速电机 variable motor | 7IK750RA-AF | 7IK750RGU-AF | 750 | 1PH110 | 50 | 90-1400 | 8.57 | 2.05 | 5.04 | 连续 | 80/250 |
| | | | | 单相 | 60 | 90-1680 | 7.16 | 2.05 | 4.21 | 连续 | |
| 调速电机 variable motor | 7IK750RA-CF | 7IK750RGU-CF | 750 | 1PH220 | 50 | 90-1400 | 8.57 | 2.05 | 5.04 | 连续 | 25/450 |
| | | | | 单相 | 60 | 90-1680 | 7.16 | 2.05 | 4.21 | 连续 | |

减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque(the Rated Torque)

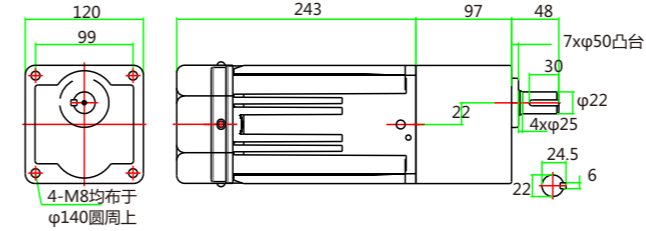
| 减速比 reduction ratio | 功率 KW | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|-----|
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | - |
| | 转矩 N.M | 9.13 | 11.4 | 13.7 | 16.4 | 18.3 | 22.8 | 27.4 | 34.2 | 41.1 | 45.6 | 57 | 68.4 | 82.1 | 91.3 | 114 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | - |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | - |
| | 转矩 N.M | 7.33 | 9.17 | 11 | 13.2 | 14.7 | 18.3 | 22 | 27.5 | 33 | 36.7 | 45.3 | 55 | 66 | 73.3 | 80 | 110 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | - |

注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-750K适配齿轴 减速箱输出轴：正转 反转

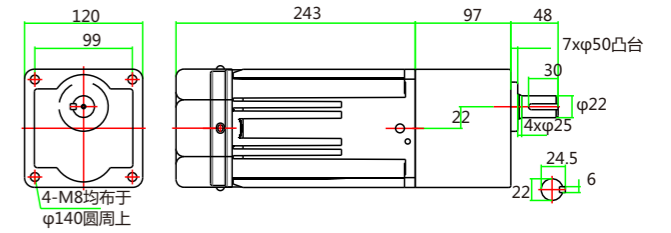
▲ 注意：使用电压和机型号不同，电容容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

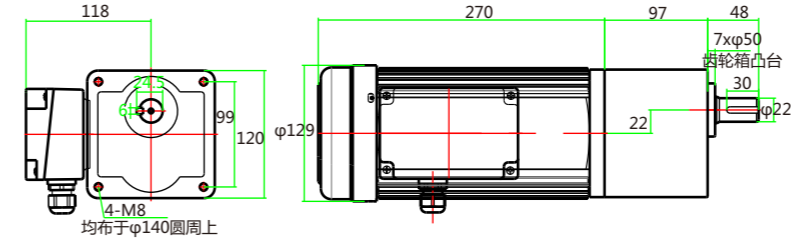
GK定速型 GKConstant speed type



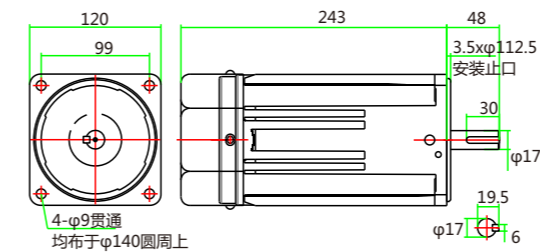
GK调速型 GKSpeed regulation type



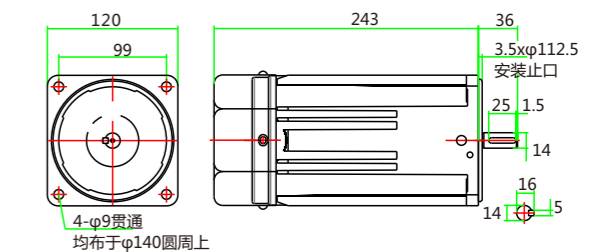
GK刹车型 GKBrake type



光轴电机17轴

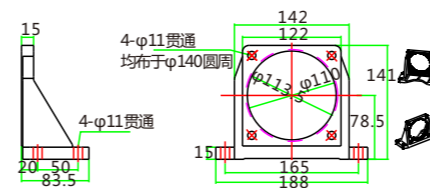


光轴电机14轴



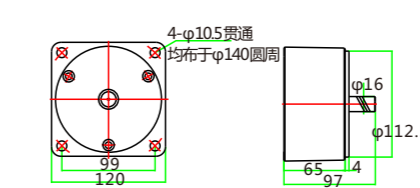
120 型脚架

安装尺寸：120mm type mounting bracket

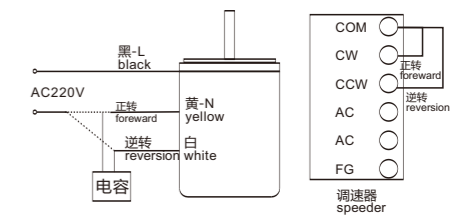


7GU-10X

结构：中间减速器structure:middle gear box



接线图 Connecting type



1.5KW □ 142×142mm

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



| | 电机型号 | | 功率 Power W | 电压 Voltage V | 频率 Frequency Hz | 电流 Current A | 启动转矩 Starting Torque N.M | 额定转矩 Rated Torque N.M | 额定转速 Rated Speed r/min | 额定时间 Rated Time min | 电容 Capacitor uF/VAC |
|--------------------------|--------------------------------|-------------------------------|------------------|--------------------|-----------------------|--------------------|--------------------------------|-----------------------------|------------------------------|---------------------------|---------------------------|
| | 圆轴电机 motor with round shaft | 齿轴电机 motor with gear shaft | | | | | | | | | |
| 感应电机 induction motor | 7IK1500A-AF | 7IK1500GU-AF | 1500 | 1PH110 单相 | 50 | 18.26 | 17.15 | 10.09 | 1400 | 连续 | 35/450 |
| | 7IK1500A-CF | 7IK1500GU-CF | | | 60 | 18.26 | 14.33 | 8.43 | 1680 | | |
| | 7IK1500A-SF | 7IK1500GU-SF | 1500 | 1PH220 单相 | 50 | 9.13 | 17.15 | 10.09 | 1400 | 连续 | |
| | 7IK1500A-UF | 7IK1500GU-UF | | | 60 | 6.47 | 23.52 | 10.23 | 1400 | | |
| 可逆电机 reversible motor | 7RK1500A-AF | 7RK1500GU-AF | 1500 | 1PH110 单相 | 50 | 18.26 | 17.15 | 10.09 | 1400 | 30 | 35/450 |
| | 7RK1500A-CF | 7RK1500GU-CF | | | 60 | 18.26 | 14.33 | 8.43 | 1680 | | |
| 刹车电机 brake motor | 7IK1500A-AFM | 7IK1500GU-AFM | 1500 | 1PH110 单相 | 50 | 18.26 | 17.15 | 10.09 | 1400 | 30 | 35/450 |
| | 7IK1500A-CFM | 7IK1500GU-CFM | | | 60 | 18.26 | 14.33 | 8.43 | 1680 | | |
| | 7IK1500A-SFM | 7IK1500GU-SFM | 1500 | 1PH220 单相 | 50 | 9.13 | 17.15 | 10.09 | 1400 | 连续 | |
| | 7IK1500A-UFM | 7IK1500GU-UFM | | | 60 | 6.47 | 23.52 | 10.23 | 1400 | | |
| | | | | 3PH380 三相 | 50 | 3.74 | 23.52 | 10.23 | 1400 | 连续 | |
| | | | | 3PH380 三相 | 60 | 3.74 | 19.62 | 8.53 | 1680 | 连续 | |

■ 减速电机容许转矩 (额定转矩) Reduction Motor Max Allowable Torque(the Rated Torque)

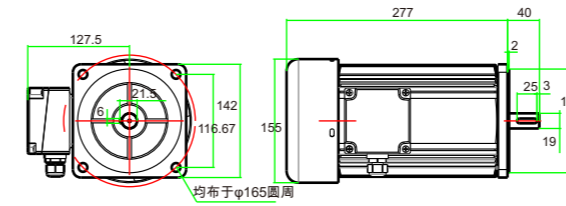
| 减速比 reduction ratio | 功率 KW | 转矩 (N.M) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------|----------|------|------|------|------|------|------|------|-----|------|------|-----|------|-----|------|-----|------|-----|------|------|------|------|------|------|------|------|-----|------|-----|-----|------|-----|-----|
| | | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 |
| 50 Hz | 转速 r/min | 700 | 560 | 467 | 389 | 350 | 280 | 233 | 187 | 156 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 38.8 | 35 | 28 | 23.3 | 18.7 | 15.5 | 14 | 11.7 | 9.3 | 7.8 | 7 | 5.6 | 4.7 | 3.5 | 2.8 | 2.3 | - |
| | 转矩 N.M | 18.2 | 22.8 | 27.4 | 32.8 | 36.6 | 45.6 | 54.8 | 68.4 | 82 | 91 | 114 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| 60 Hz | 转速 r/min | 840 | 672 | 560 | 467 | 420 | 336 | 280 | 224 | 187 | 168 | 134 | 112 | 93.3 | 84 | 67.2 | 56 | 46.7 | 42 | 33.6 | 28 | 22.4 | 18.7 | 16.8 | 14 | 11.2 | 9.33 | 8.4 | 6.72 | 5.6 | 4.2 | 3.36 | 2.8 | - |
| | 转矩 N.M | 14.6 | 18.3 | 22 | 26.4 | 29.4 | 36.6 | 44 | 55 | 66 | 73.4 | 90.6 | 110 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |

注：齿轴适配3种，2-250K适配齿轴，300K适配齿轴，400-750K适配齿轴 减速箱输出轴：■ 正转 ■ 反转

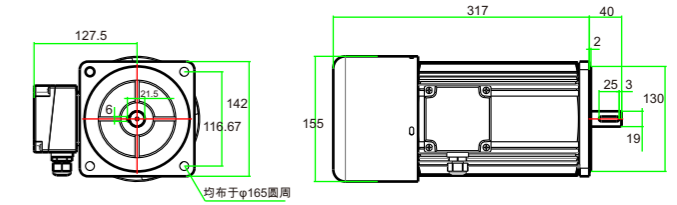
▲ 注意：使用电压和机型不同，电容量不一样，订货时请务必指明具体的型号。
转速是以电动机的异步转速(50Hz:1400r/min、60Hz:1680r/min)为基准除以减速比而算出来的数值。实际转速将随负载大小变化而有所变化。
需要大于上表的减速比进行进一步减速时，可在电动机与减速器之间安装减速比为1:10的中间减速器。
300K以上电机不适合重载场合使用。

MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机

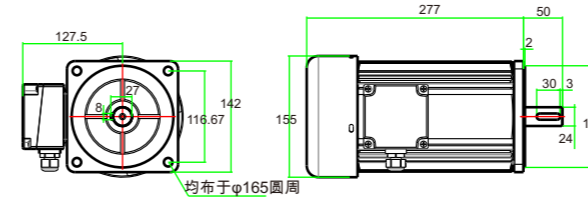
■ 光轴电机19轴



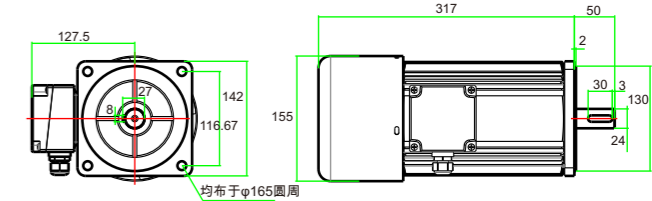
■ 刹车光轴电机19轴



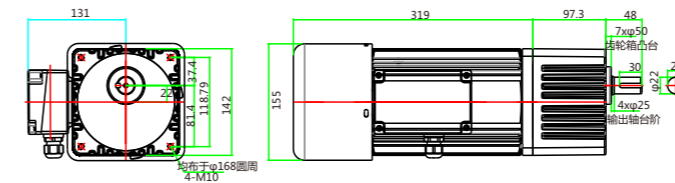
■ 光轴电机24轴



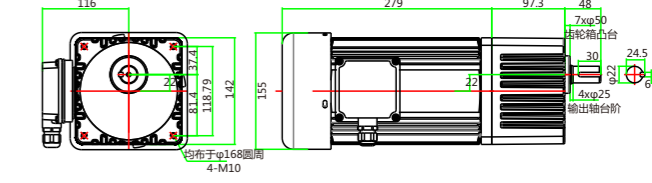
■ 刹车光轴电机24轴



■ GK刹车电机22轴

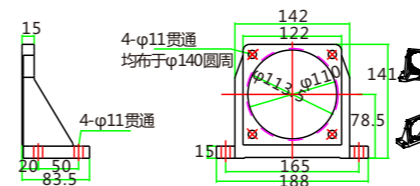


■ GK电机22轴



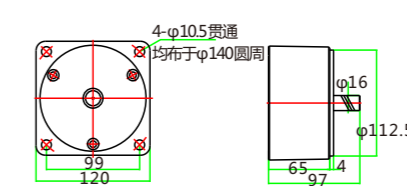
■ 120 型脚架

安装尺寸：120mm type mounting bracket

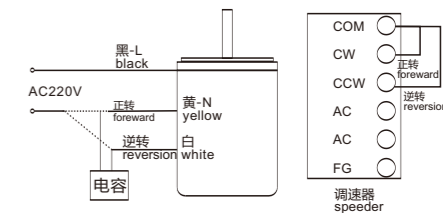


■ 7GU-10X

结构：中间减速器structure:middle gear box

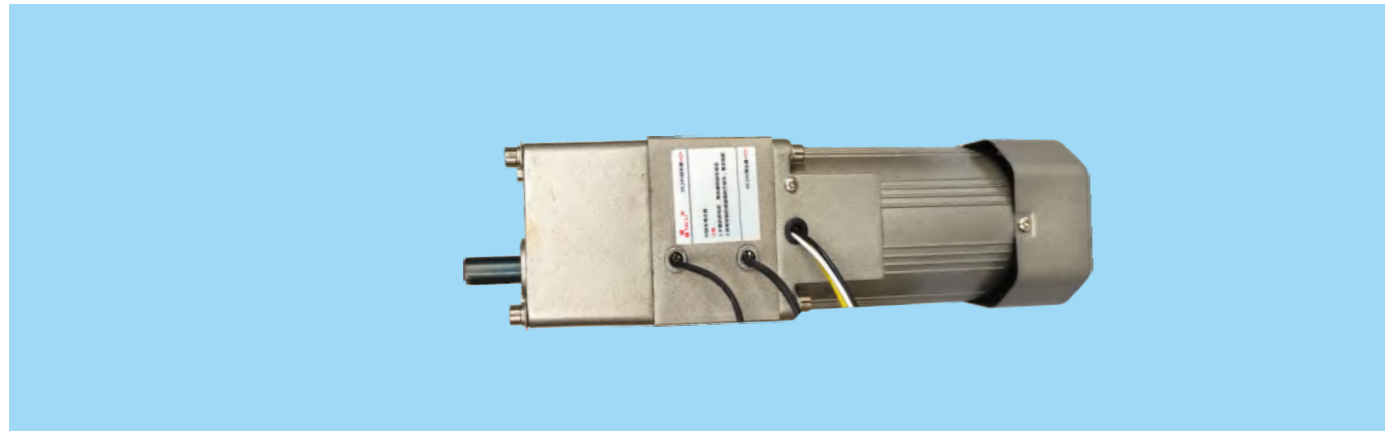


■ 接线图 Connecting type

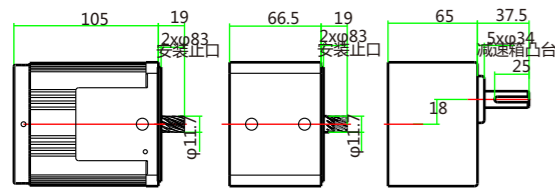


40W-180W □ 90×90mm

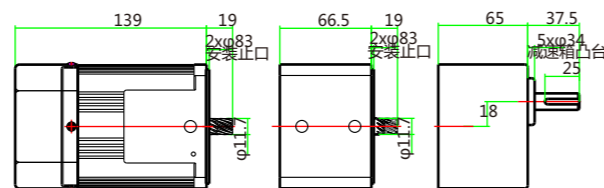
MICRO AC GEAR MOTOR SERIES
微型交流齿轮减速电机



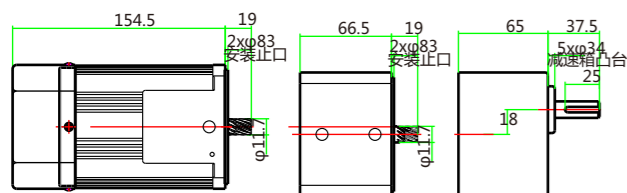
90型 40W



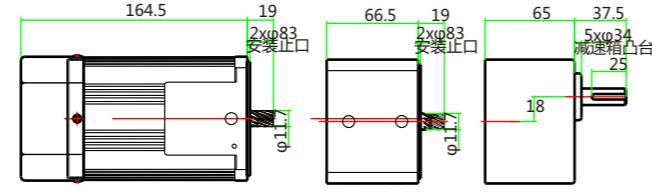
90型 60W



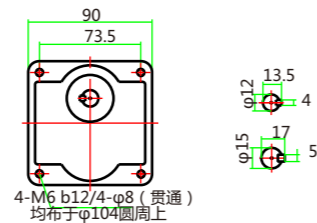
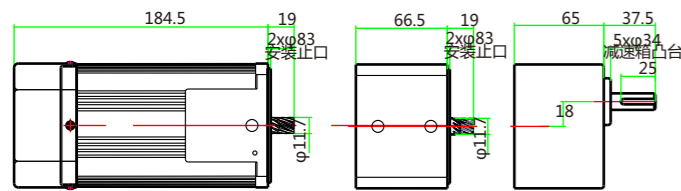
90型 90W/120W



90型 140W



90型 180W



微型电机接线盒方向
DIRECTION OF MICRO MOTOR JUNCTION BOX

| G1/G2 G3/G4 | 常规减速电机 | | 直角减速电机 | |
|----------------|-------------|----|-------------|----|
| | T1/T2/T3/Tb | Ta | T1/T2/T3/Tb | Ta |
| G1F (前) | | | | |
| G1B (后) | | | | |
| G1L (左) | | | | |
| G1R (右) | | | | |
| G2F (前) | | | | |
| G2B (后) | | | | |
| G2L (左) | | | | |
| G2R (右) | | | | |
| G3F (前) | | | | |
| G3B (后) | | | | |
| G3L (左) | | | | |
| G3R (右) | | | | |
| G4F (前) | | | | |
| G4B (后) | | | | |
| G4L (左) | | | | |
| G4R (右) | | | | |

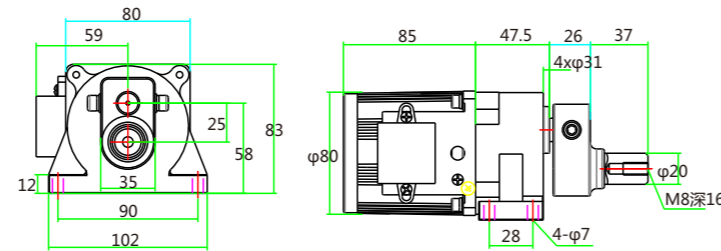
GH卧式 25W □ 80×80mm

GH卧式 /GV立式摇摇马电机40-180W □ 90×90mm



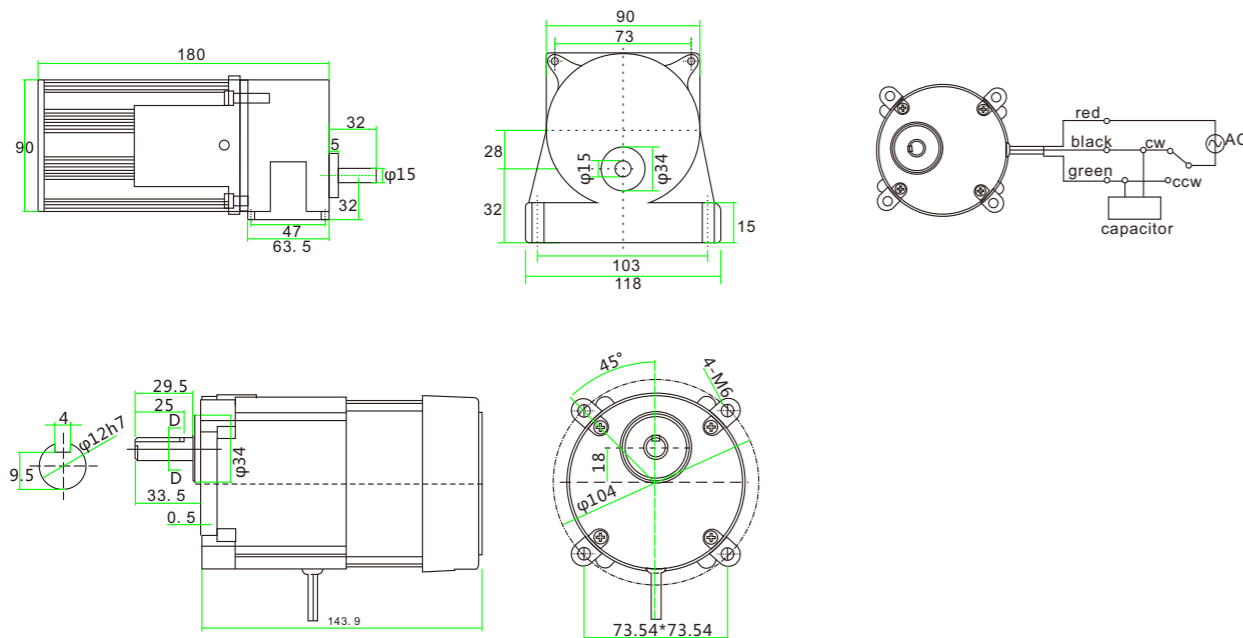
■电机技术参数 Motor Technical Parameters

| 减速比 reduction ratio | | 功率 KW | 40 | 50 |
|------------------------|-------------|----------|------|------|
| 50 Hz | 转速 r/min | 0.025 | 35 | 28 |
| | 转矩 N.M | | 5.87 | 7.16 |
| 60 Hz | 转速 r/min | 0.025 | 42 | 33.6 |
| | 转矩 N.M | | 4.72 | 5.76 |



■电机技术参数 Motor Technical Parameters

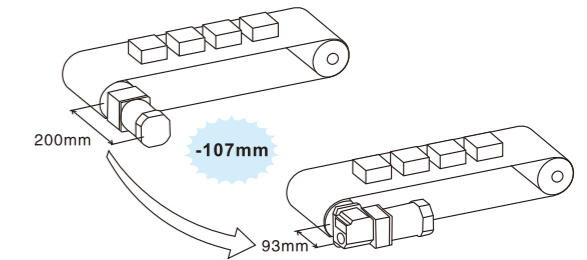
| 减速比 reduction ratio | | 功率 KW | 50 | 功率 KW | 50 | 功率 KW | 50 |
|------------------------|-------------|----------|------|----------|------|----------|------|
| 50 Hz | 转速 r/min | 0.04 | 28 | 0.06 | 28 | 0.09 | 28 |
| | 转矩 N.M | | 12.2 | | 18.3 | | 20 |
| 60 Hz | 转速 r/min | 0.04 | 33.6 | 0.06 | 33.6 | 0.09 | 33.6 |
| | 转矩 N.M | | 9.78 | | 14.7 | | 20 |



中空、中实直角齿轮减速电机25W-1500W HOLLOW, SOLID RIGHT ANGLE GEAR MOTORS

■直角齿轮减速机特点 Characteristic and use

采用优化设计,体积小,安装灵活,节省空间
效率高,输出扭矩大,启动平稳,寿命长
可配交流、连续/可逆电机、转矩电机
可增加附件,如调速、风叶、电刹车等
减速比范围广: 5~750, 配合中间箱最大至7500
功率范围广: 25W~200W, 广泛用于食品、医疗、广告等传动行业
Small size, flexible installation
high efficiency, high torque, steady and long life
with motor: AC/DC, standardized/special
Optional parts: speed controller, fan, brake etc.
Ratio: 1:5 ~ 1:750, and 1:7500 max. with Middle reducer
Power: 25W ~ 200W, they apply to transmission of auto-and semi-auto-equipments as food medicine advertising etc.



51K90GU-CWEG与减速比18的减速机搭配时

■直角齿轮减速机型号定义

5GU -30K RH E W

① ② ③ ④ ⑤

| | | | | |
|---|--|--|----------------------------------|---|
| ① | 4GN : 80x80mm 6GU : 104x104mm | GN型减速机 (范围: 25W-40W) GU型减速机 (范围: 180W-300W) | 5GU : 90x90mm 7GU : 120x120mm | GU型减速机 (范围: 40W-180W) GU型减速机 (范围: 400W-750W) |
| ② | -30K : 减速比1:30 | | | |
| ③ | RH : 直角中空减速机 RA : 直角中实减速机 | | | |
| ④ | E : 偏心出轴 C : 中心出轴 | | | |
| ⑤ | W : 电机型号、功率 (可配交流电动机, 单相/三相/转矩, 110V/220V/380V或直流电机, 并可增加调速、风叶、电磁刹车等附件。) | | | |

■减速机一般通用参数 General parameter for gear motor

通用技术条件

绝缘电阻值: 常态下 $\geq 20M\Omega$
绝缘强度: 1500V/1min无击穿或闪络现象
温升极限值: 75K
电机用导线: CQC认证、105℃、600V

基本工况

工作制: 连续 (SI)
冷却方式: IC40

基本环境条件

温度: $-10 \sim +40^\circ\text{C}$
相对湿度: 15% ~ 90%

General technical condition

insulation resistance: $\geq 20M\Omega$ (normality)
insulation strength: 1500V/1min (no breakdown or flashover)

limit of tem rise: 75K

wire for motor: CQC、105℃、600V

Basic work condition

work system: continuous (si)

way of cooling: IC 40

Basic environment condition

temperature: $-10 \sim +40^\circ\text{C}$
relative humidity: 15% ~ 90%

■注意事项 Attention items

在齿轮出轴上安装联轴器、皮带轮等传动机构时, 不可直接在出轴上以工具敲击安装, 否则会造成减速机内部的损伤;

与其它机器连接时, 请先确认好旋转方向。弄错方向的话, 会致伤, 损坏装置。

请不要在接线盒盖打开的状态下运转电机。

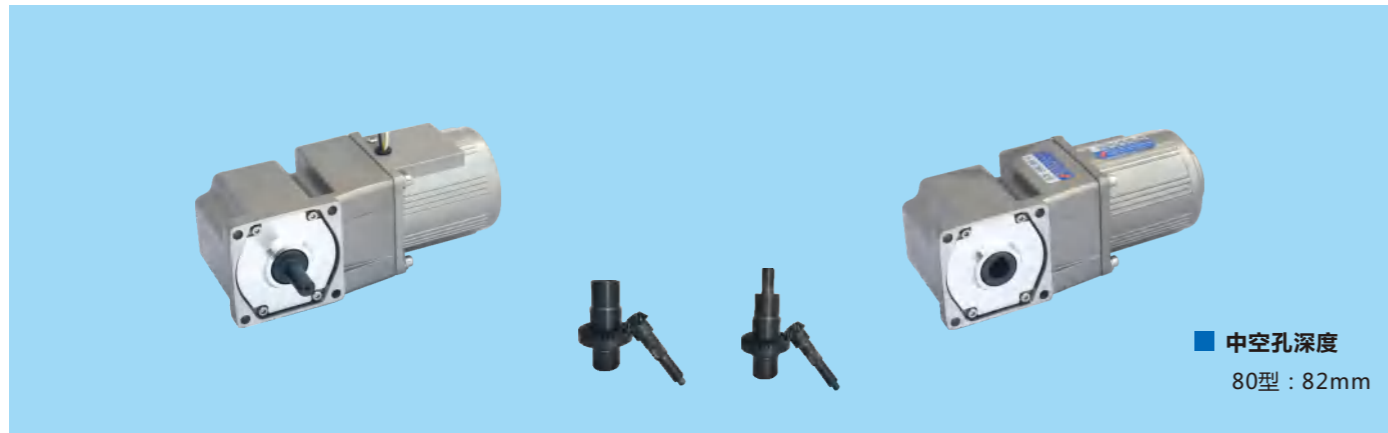
不要让制动器附着上水或油脂类, 否则有可能因制动器故障造成失控落下事故的危险。

Installed in the gear out of the shaft couplings, pulleys and other transmission institutions, not directly knock on the output shaft to install, otherwise it will cause internal damage reducer.

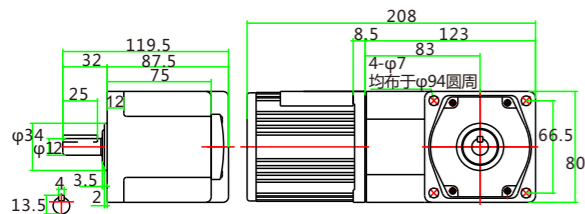
Connection with other machines, make sure a good rotation. Wrong direction, will be injured, damage the device.

Please do not open the terminal box cover of the operating motor.

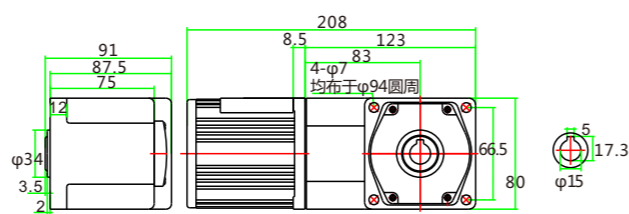
Do not let brake attached to the water or oils, otherwise risk falling out of control due to brake failure caused the accident risk.



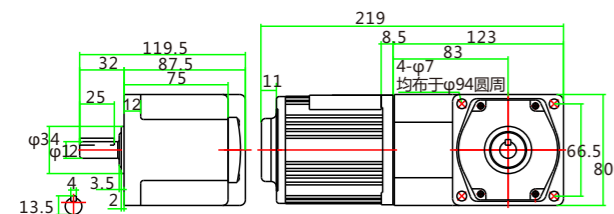
4GN RA-C 25W
25W直角中心中实定速
减速比Ratio6-2250



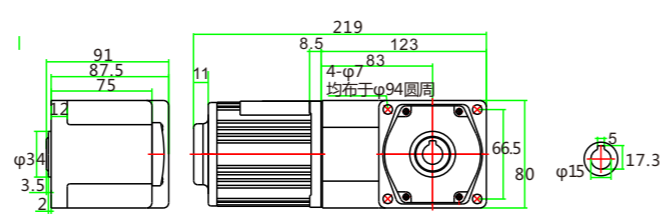
4GN RH-C 25W
25W直角中心中空定速
减速比Ratio6-2250



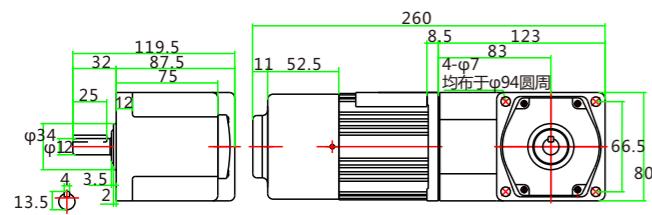
4GN RA-C 25W
25W直角中心中实调速
减速比Ratio6-2250



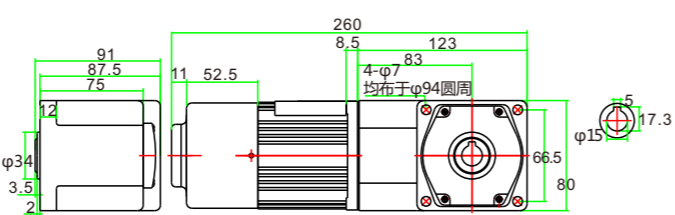
4GN RH-C 25W
25W直角中心中空调速
减速比Ratio6-2250



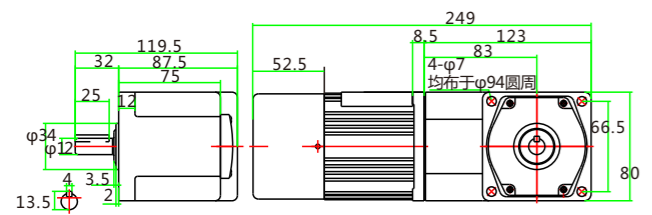
4GN RA-C 25W
25W直角中心中实刹车调速
减速比Ratio6-2250



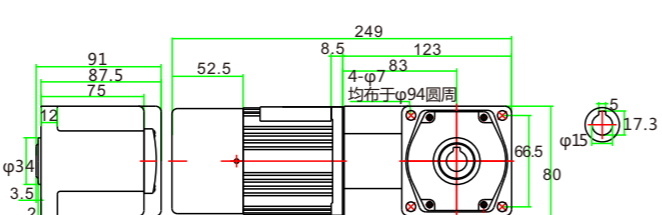
4GN RH-C 25W
25W直角中心中空刹车调速
减速比Ratio6-2250



4GN RA-C 25W
25W直角中心中实刹车定速
减速比Ratio6-2250



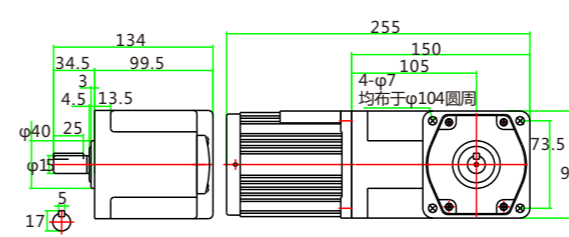
4GN RH-C 25W
25W直角中心中空刹车定速
减速比Ratio6-2250



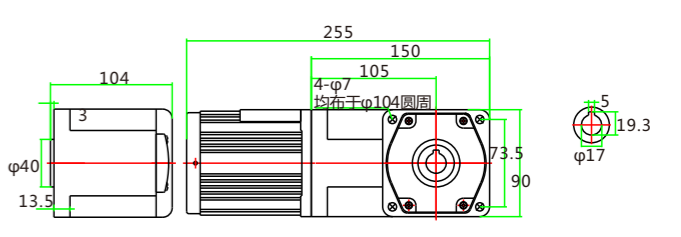
| 速比 | 6 | 7.5 | 9 | 10.8 | 12 | 15 | 18 | 22.5 | 27 | 30 | 37.5 | 45 | 54 | 60 | 75 | 90 | 108 | 120 | 150 | 180 | 225 | 270 | 300 | 360 | 450 | 540 | 600 | 750 | 900 | 1200 | 1500 | 1800 | 2250 | |
|---------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|------|------|------|------|---|
| r/min转速 | 225 | 180 | 150 | 125 | 112 | 90 | 75 | 60 | 50 | 45 | 36 | 30 | 25 | 22.5 | 18 | 15 | 12.5 | 11.3 | 9 | 7.5 | 6 | 5 | 4.5 | 3.75 | 3 | 2.5 | 2.25 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 | |
| N.m转矩 | 25 | 0.64 | 0.8 | 0.96 | 1.15 | 1.27 | 1.59 | 1.91 | 2.39 | 2.87 | 3.18 | 3.98 | 4.78 | 5.73 | 6.37 | 7.96 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 40 | 1.02 | 1.27 | 1.53 | 1.83 | 2.04 | 2.55 | 3.06 | 3.82 | 4.58 | 5.09 | 6.37 | 7.64 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |



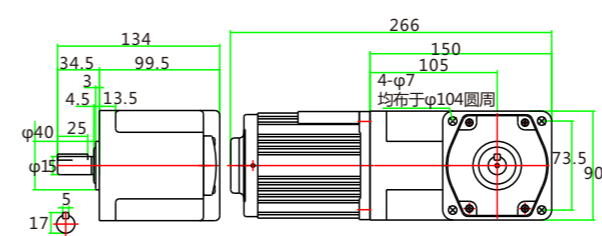
5GN RA-C 40W
40W直角中心中实定速
减速比Ratio3.6-1875



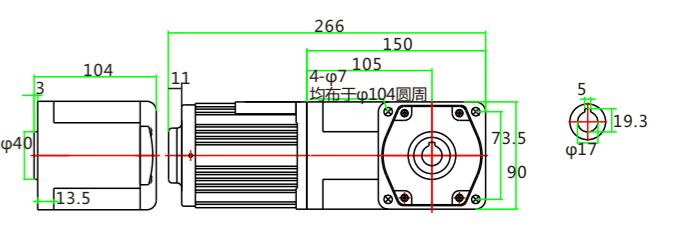
5GN RH-C 40W
40W直角中心中空定速
减速比Ratio3.6-1875



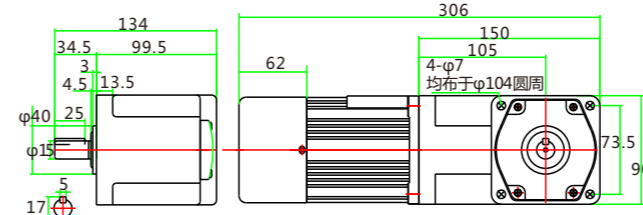
5GN RA-C 40W
40W直角中心中实调速
减速比Ratio3.6-1875



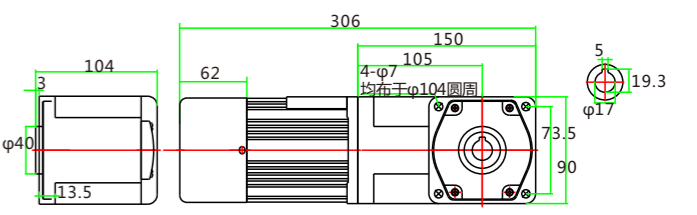
5GN RH-C 40W
40W直角中心中空调速
减速比Ratio3.6-1875



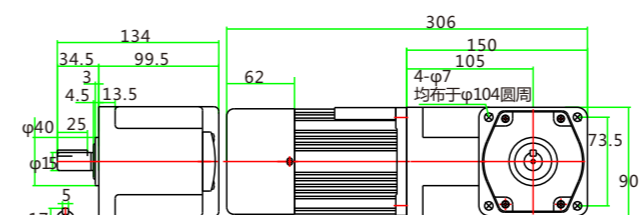
5GN RA-C 40W
40W直角中心中实调速刹车
减速比Ratio3.6-1875



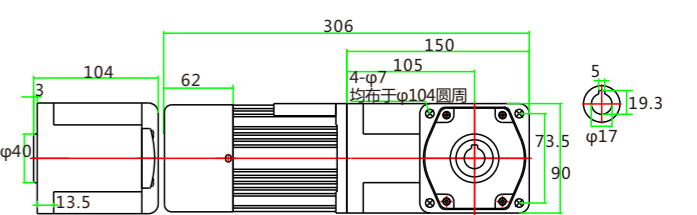
5GN RH-C 40W
40W直角中心中空调速刹车
减速比Ratio3.6-1875



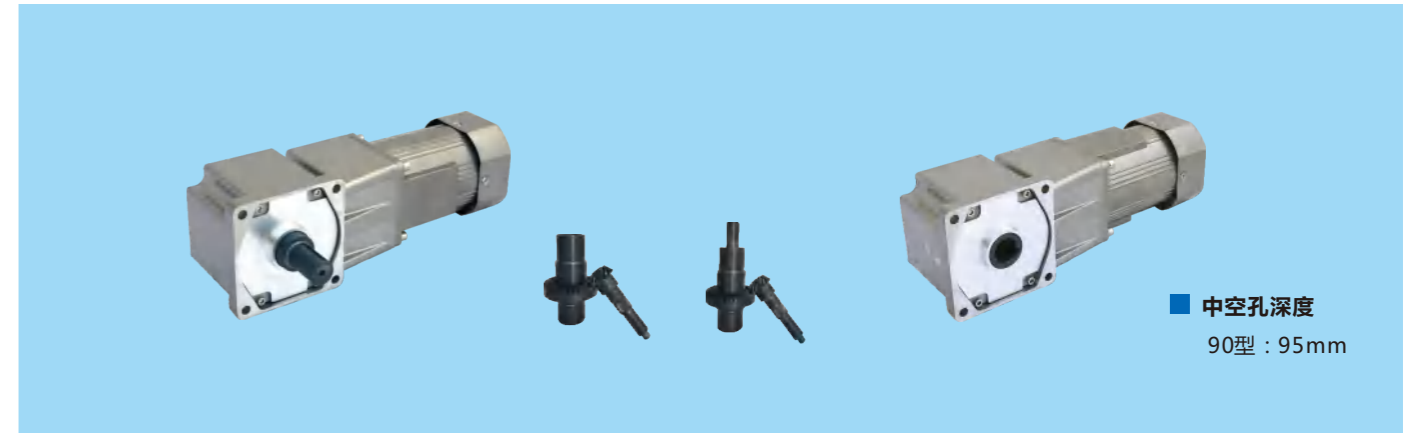
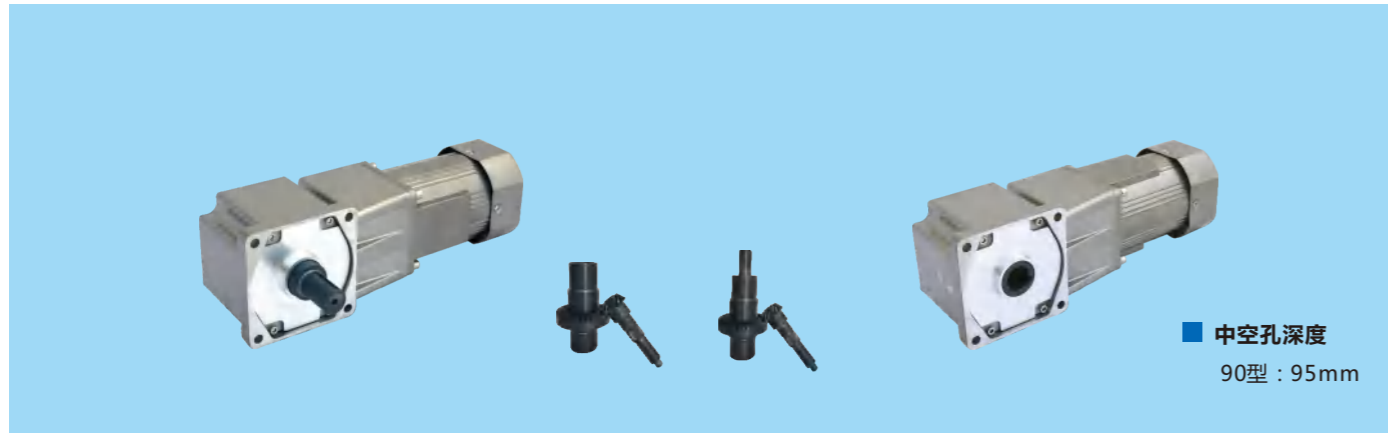
5GN RA-C 40W
40W直角中心中实定速刹车
减速比Ratio3.6-1875



5GN RH-C 40W
40W直角中心中空定速刹车
减速比Ratio3.6-1875

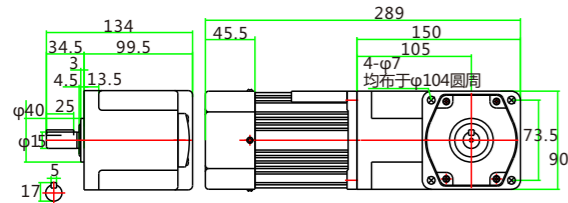


| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 31.25 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 |
|---------|-----|------|------|------|------|------|------|-------|------|------|-------|------|------|------|------|-------|------|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 |
| N.m转矩 | 40 | 0.85 | 1.06 | 1.27 | 1.53 | 1.7 | 2.12 | 2.55 | 3.18 | 3.82 | 4.24 | 5.31 | 6.37 | 7.64 | 8.49 | 10.61 | 12.7 | 15.3 | 17 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |



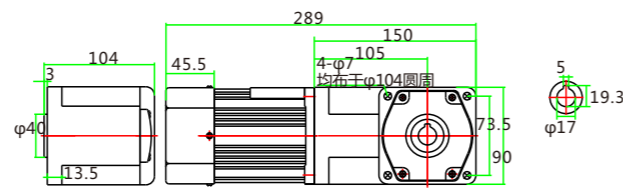
5GU RA-C 60W

60W直角中心中实定/调速
减速比Ratio3.6-1875



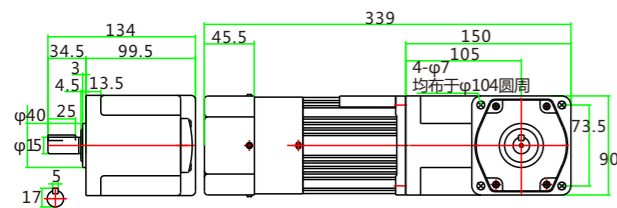
5GU RH-C 60W

60W直角中心中空定/调速
减速比Ratio3.6-1875



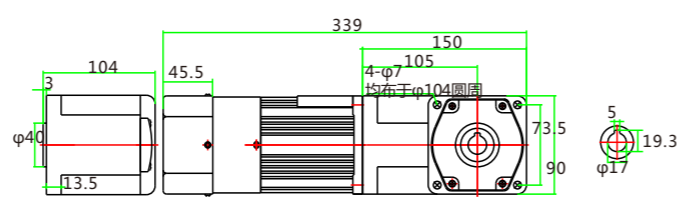
5GU RA-C 60W

60W 直角中心中实定 / 调速刹车
减速比Ratio3.6-1875



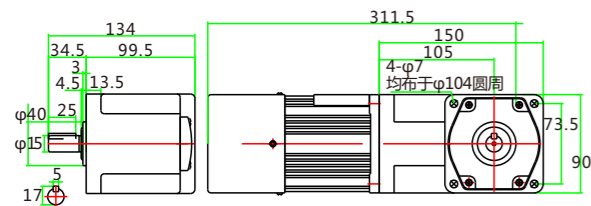
5GU RH-C 60W

60W 直角中心中空定 / 调速刹车
减速比Ratio3.6-1875



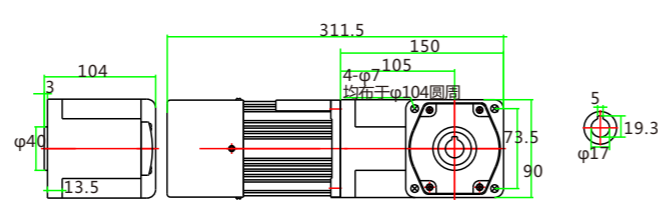
5GU RA-C 60W

60W直角中心中实定/调速 带独立风扇
减速比Ratio3.6-1875



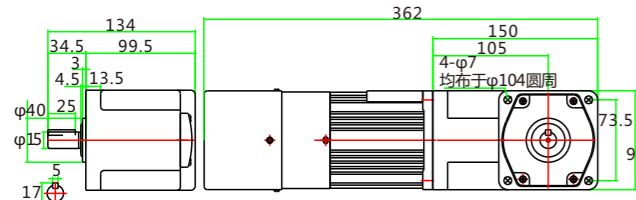
5GU RH-C 60W

60W直角中心中空定/调速 带独立风扇
减速比Ratio3.6-1875



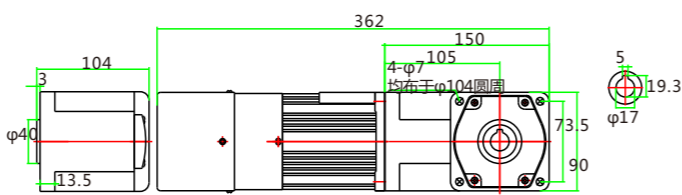
5GU RA-C 60W

60W 直角中心中实定 / 调速刹车带独立风扇
减速比Ratio3.6-1875



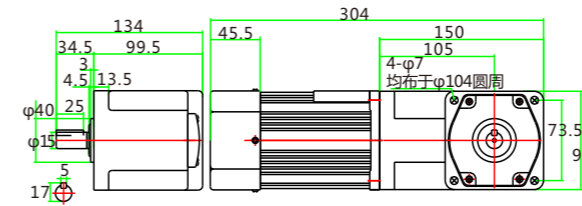
5GU RH-C 60W

60W 直角中心中空定 / 调速刹车带独立风扇
减速比Ratio3.6-1875



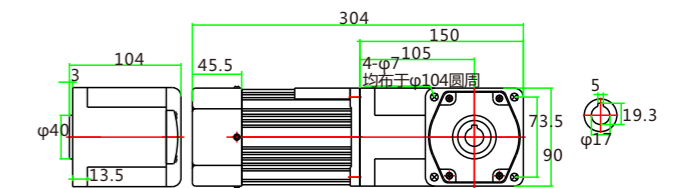
5GU RA-C 90/120W

90W直角中心中实定/调速
减速比Ratio3.6-1875



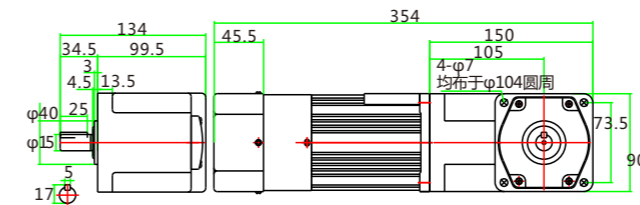
5GU RH-C 90/120W

90W直角中心中空定/调速
减速比Ratio3.6-1875



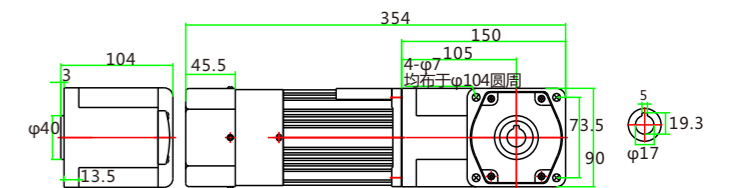
5GU RA-C 90/120W

90W 直角中心中实定 / 调速刹车
减速比Ratio3.6-1875



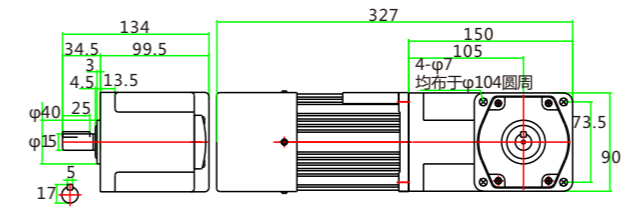
5GU RH-C 90/120W

90W 直角中心中空定 / 调速刹车
减速比Ratio3.6-1875



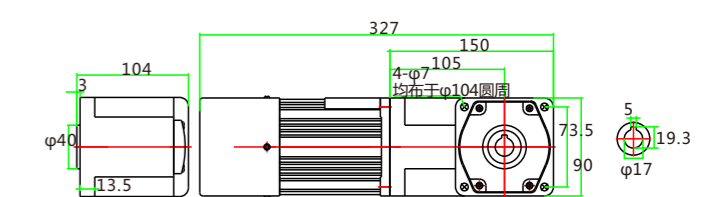
5GU RA-C 90/120W

90W直角中心中实定/调速 带独立风扇
减速比Ratio3.6-1875



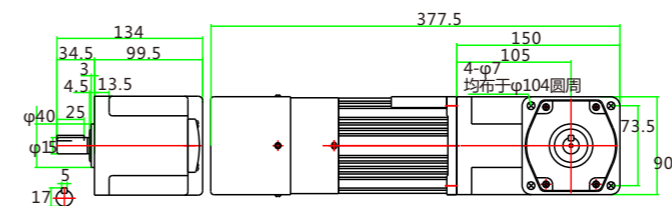
5GU RH-C 90/120W

90W直角中心中空定/调速 带独立风扇
减速比Ratio3.6-1875



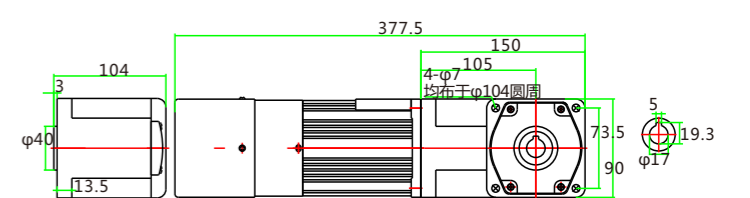
5GU RA-C 90/120W

90W 直角中心中实定 / 调速刹车带独立风扇
减速比Ratio3.6-1875



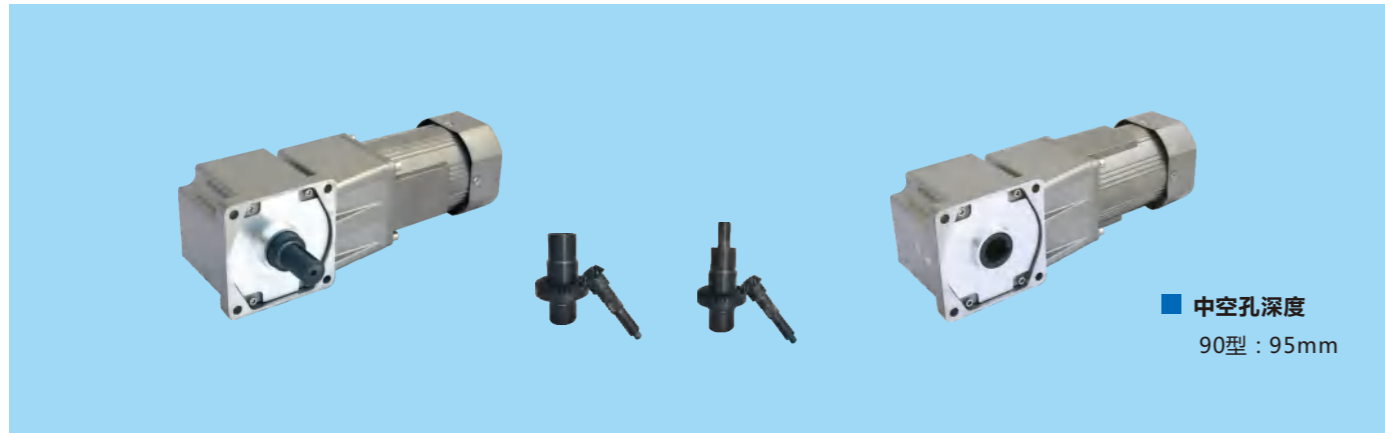
5GU RH-C 90/120W

90W 直角中心中空定 / 调速刹车带独立风扇
减速比Ratio3.6-1875



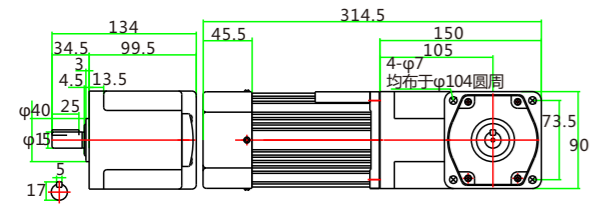
| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 31.25 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 | |
|---------|-----|------|------|------|------|------|------|-------|------|------|-------|------|------|-------|------|------|------|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|----|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 | |
| N.M转矩 | 60 | 1.27 | 1.59 | 1.91 | 2.29 | 2.55 | 3.18 | 3.82 | 4.78 | 5.73 | 6.37 | 7.96 | 9.55 | 11.46 | 12.7 | 15.9 | 19.1 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 31.25 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 | |
|---------|-----|------|------|------|------|------|------|-------|------|------|-------|------|------|------|------|----|----|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|----|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 | |
| N.M转矩 | 90 | 1.91 | 2.39 | 2.87 | 3.44 | 3.82 | 4.78 | 5.73 | 7.16 | 8.6 | 9.55 | 11.9 | 14.3 | 17.2 | 19.1 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| N.M转矩 | 120 | 2.55 | 3.18 | 3.82 | 4.58 | 5.09 | 6.37 | 7.64 | 9.55 | 11.5 | 12.7 | 15.9 | 19.1 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |



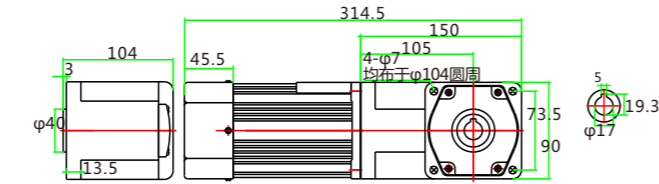
5GU RA-C 140W

140W直角中心中实定/调速
减速比Ratio3.6-1875



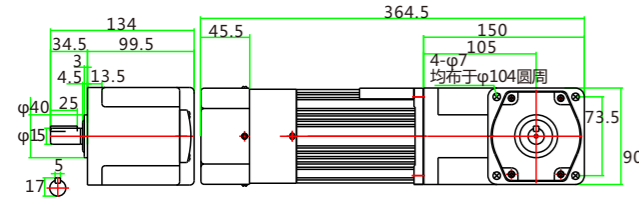
5GU RH-C 140W

140W直角中心中空定/调速
减速比Ratio3.6-1875



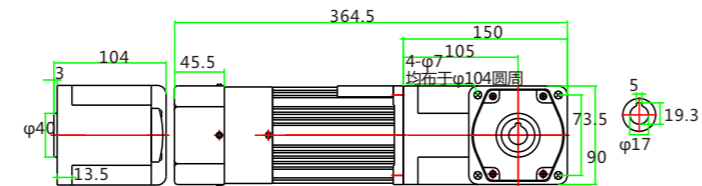
5GU RA-C 140W

140W 直角中心中实定 / 调速刹车
减速比Ratio3.6-1875



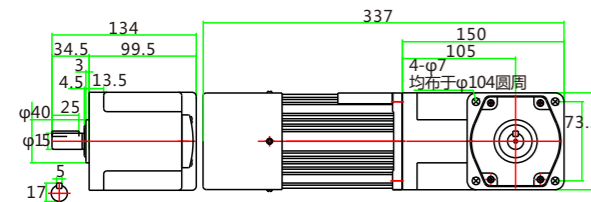
5GU RH-C 140W

140W 直角中心中空定 / 调速刹车
减速比Ratio3.6-1875



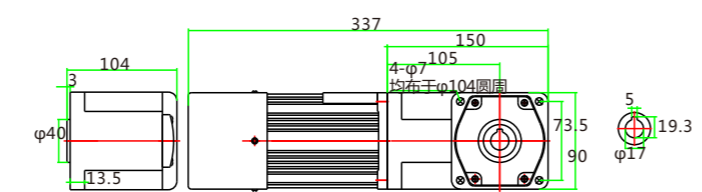
5GU RA-C 140W

140W直角中心中实定/调速 带独立风扇
减速比Ratio3.6-1875



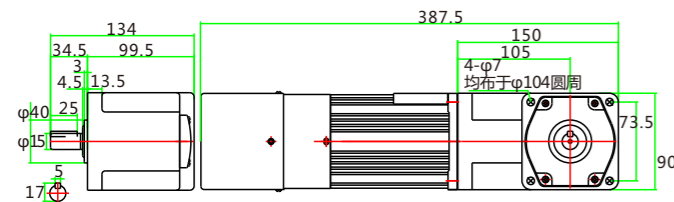
5GU RH-C 140W

140W直角中心中空定/调速 带独立风扇
减速比Ratio3.6-1875



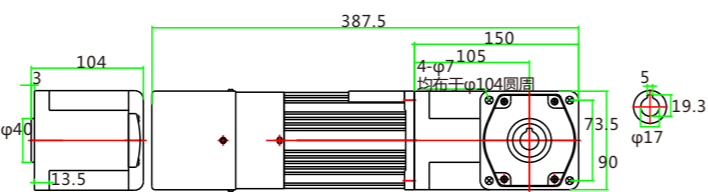
5GU RA-C 140W

140W 直角中心中实定 / 调速刹车带独立风扇
减速比Ratio3.6-1875

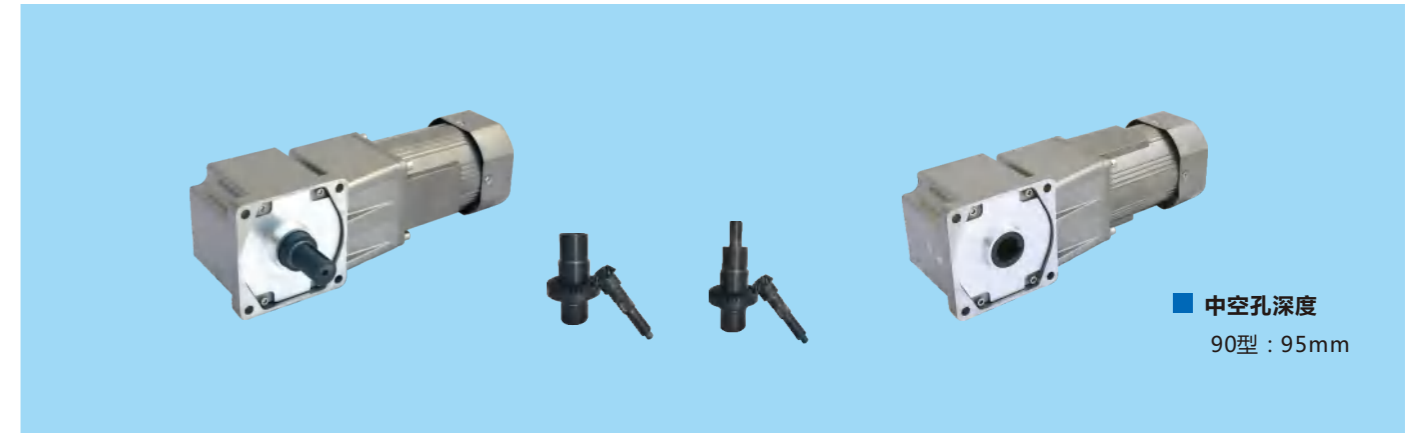


5GU RH-C 140W

140W 直角中心中空定 / 调速刹车带独立风扇
减速比Ratio3.6-1875

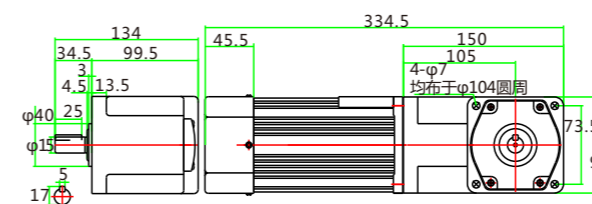


| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 30 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 |
|---------|-----|------|------|------|------|------|------|-------|------|------|------|------|----|----|------|----|----|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 |
| W N.M转矩 | 140 | 2.97 | 3.71 | 4.46 | 5.35 | 5.94 | 7.43 | 8.91 | 11.1 | 13.4 | 14.9 | 18.6 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |



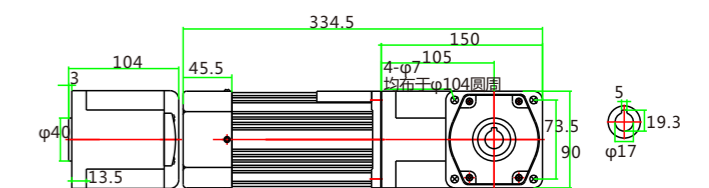
5GU RA-C 90型180W

180W直角中心中实定/调速
减速比Ratio3.6-1875



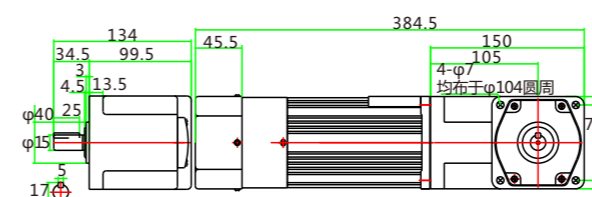
5GU RH-C 90型180W

180W直角中心中空定/调速
减速比Ratio3.6-1875



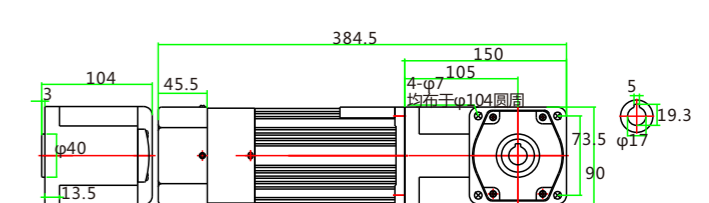
5GU RA-C 90型180W

180W 直角中心中实定 / 调速刹车
减速比Ratio3.6-1875



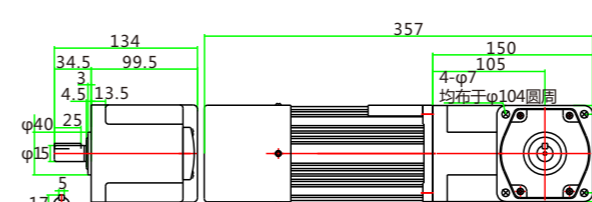
5GU RH-C 90型180W

180W 直角中心中空定 / 调速刹车
减速比Ratio3.6-1875



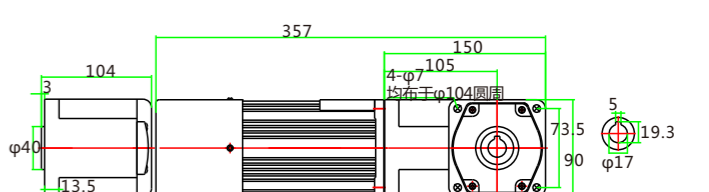
5GU RA-C 90型180W

180W直角中心中实定/调速 带独立风扇
减速比Ratio3.6-1875



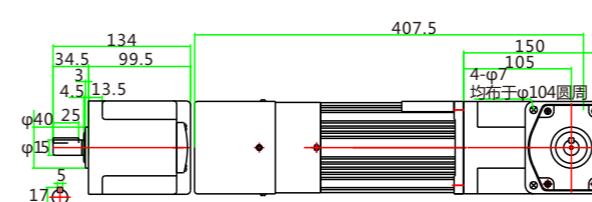
5GU RH-C 90型180W

180W直角中心中空定/调速 带独立风扇
减速比Ratio3.6-1875



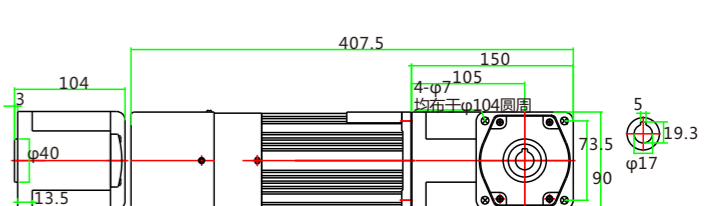
5GU RA-C 90型180W

180W 直角中心中实定 / 调速刹车带独立风扇
减速比Ratio3.6-1875

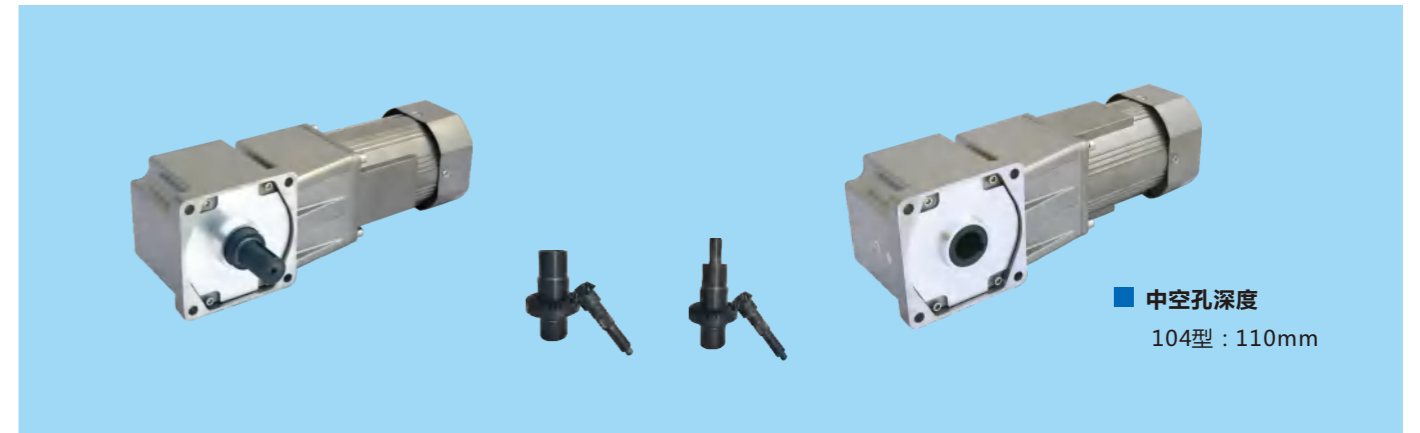
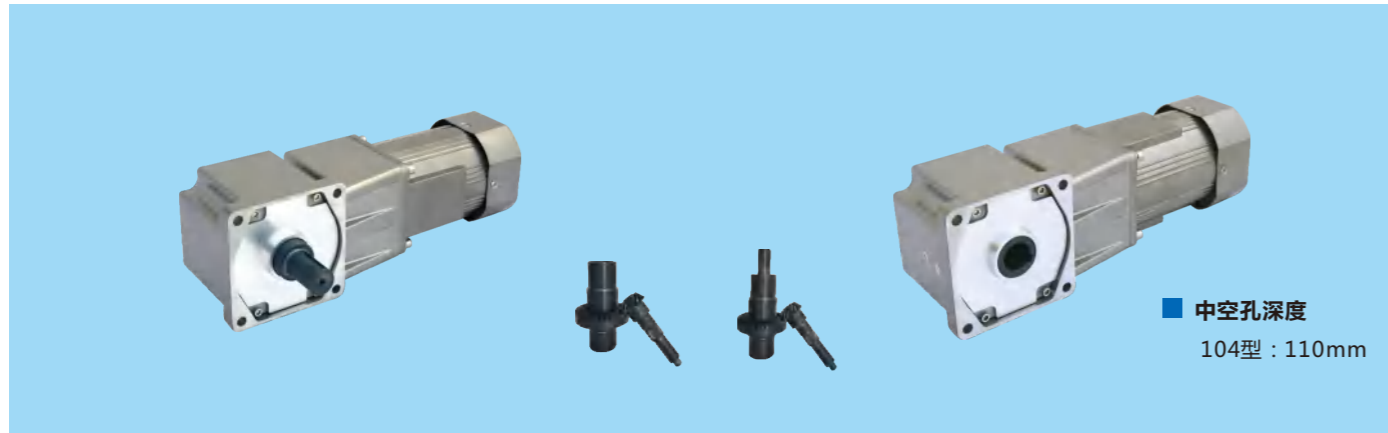


5GU RH-C 90型180W

180W 直角中心中空定 / 调速刹车带独立风扇
减速比Ratio3.6-1875

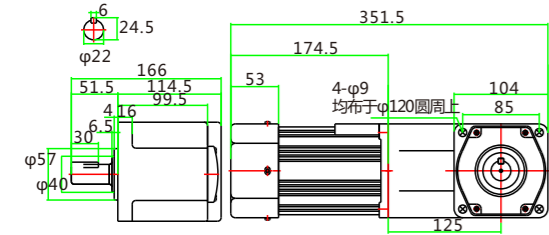


| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 30 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 |
|---------|-----|------|------|------|------|------|------|-------|------|------|------|------|----|----|------|----|----|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 |
| W N.M转矩 | 180 | 3.82 | 4.78 | 5.73 | 6.88 | 7.64 | 9.55 | 11.5 | 14.3 | 17.2 | 19.1 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |



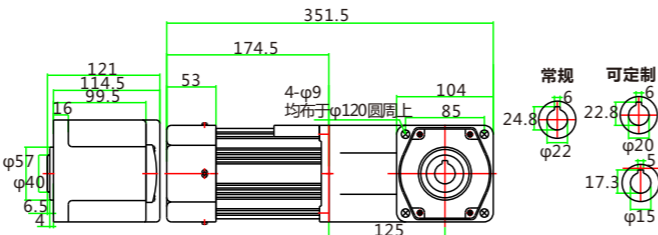
6GU RA-C 180/200W

180/200W直角中心中实定/调速
减速比Ratio6-2250



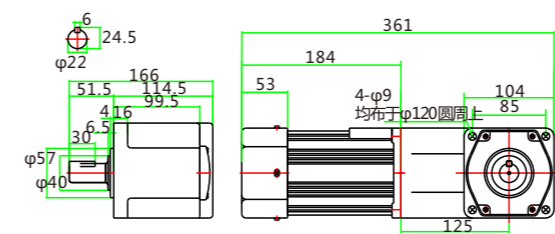
6GU RH-C 180/200W

180/200W直角中心中空定/调速
减速比Ratio6-2250



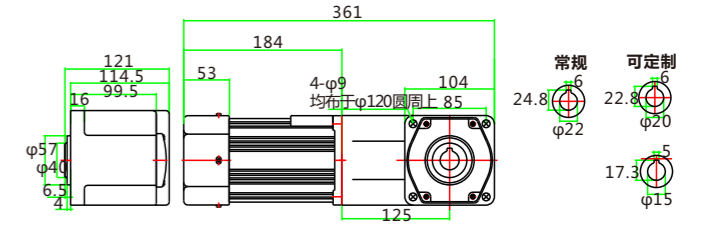
6GU RA-C 250/300W

250/300W直角中心中实定/调速
减速比Ratio6-2250



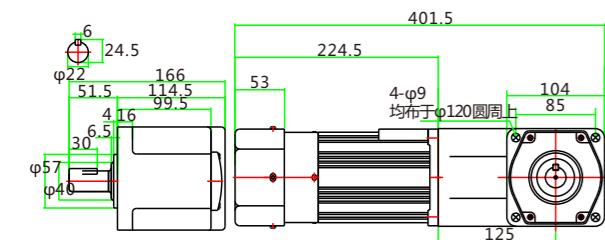
6GU RH-C 250/300W

250/300W直角中心中空定/调速
减速比Ratio6-2250



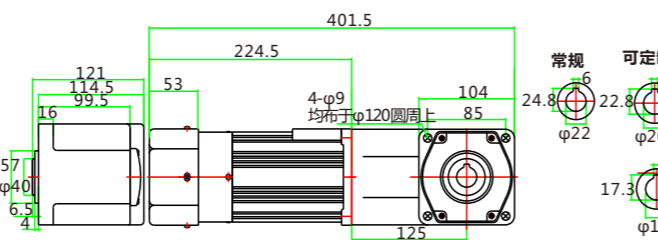
6GU RA-C 180/200W

180/200W直角中心中实定/调速刹车
减速比Ratio6-2250



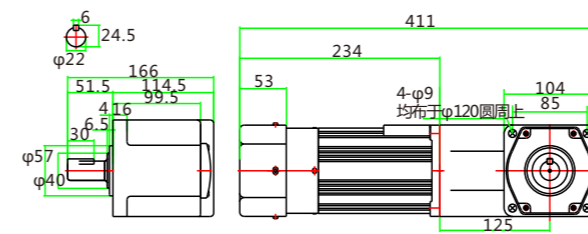
6GU RH-C 180/200W

180/200W直角中心中空定/调速刹车
减速比Ratio6-2250



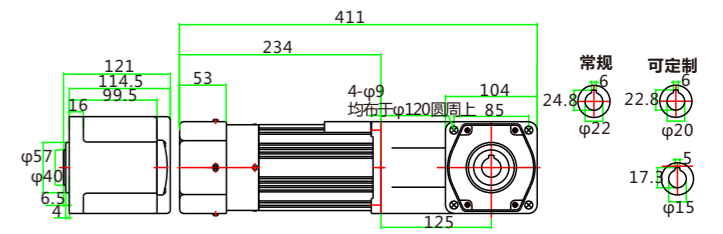
6GU RA-C 250/300W

250/300W直角中心中实定/调速刹车
减速比Ratio6-2250



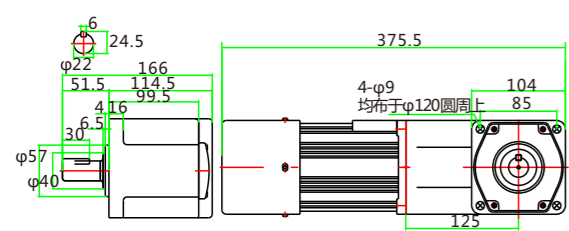
6GU RH-C 250/300W

250/300W直角中心中空定/调速刹车
减速比Ratio6-2250



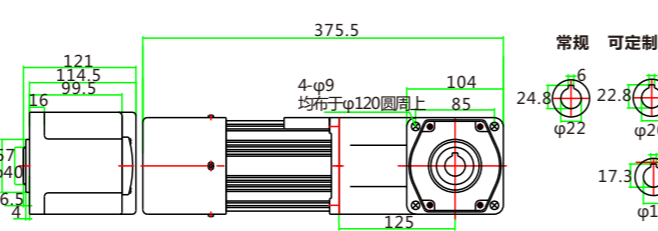
6GU RA-C 180/200W

180/200W直角中心中实定/调速带独立风扇
减速比Ratio6-2250



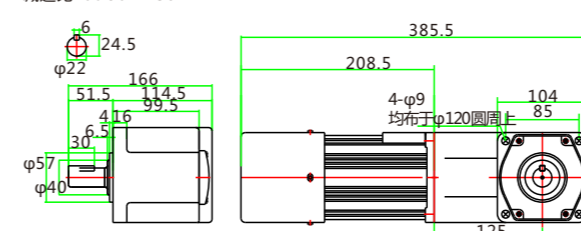
6GU RH-C 180/200W

180/200W直角中心中空定/调速带独立风扇
减速比Ratio6-2250



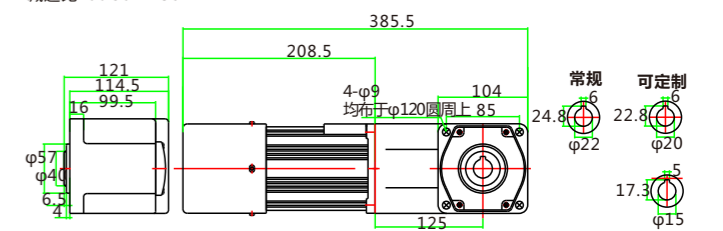
6GU RA-C 250/300W

250/300W直角中心中实定/调速带独立风扇
减速比Ratio6-2250



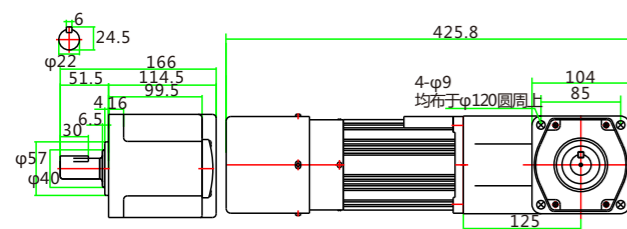
6GU RH-C 250/300W

250/300W直角中心中空定/调速带独立风扇
减速比Ratio6-2250



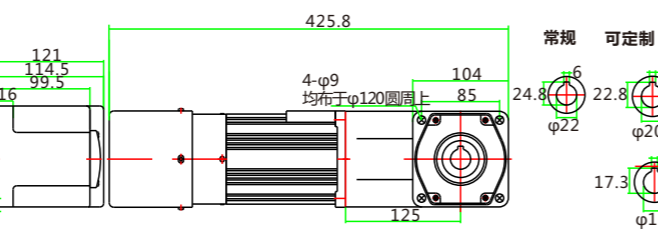
6GU RA-C 180/200W

180/200W直角中心中实定/调速刹车带独立风扇
减速比Ratio6-2250



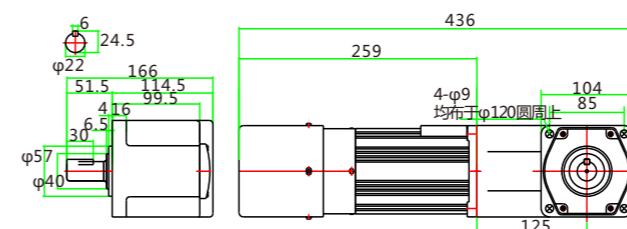
6GU RH-C 180/200W

180/200W直角中心中空定/调速刹车带独立风扇
减速比Ratio6-2250



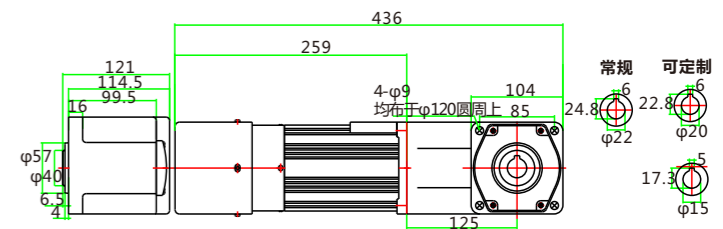
6GU RA-C 250/300W

250/300W直角中心中实定/调速刹车带独立风扇
减速比Ratio6-2250



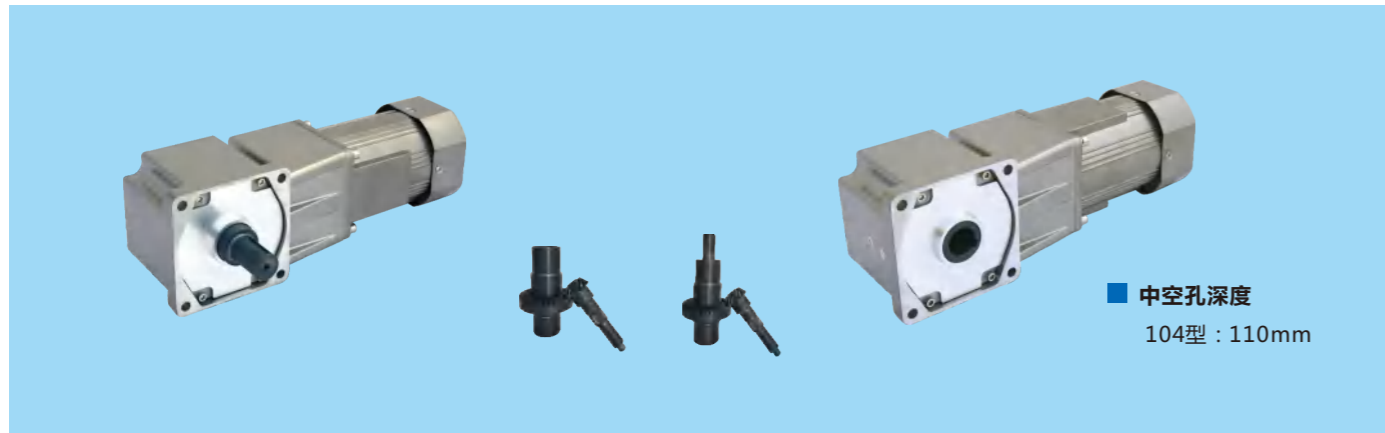
6GU RH-C 250/300W

250/300W直角中心中空定/调速刹车带独立风扇
减速比Ratio6-2250



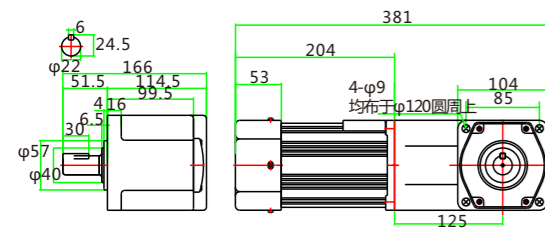
| 速比 | 6 | 7.5 | 9 | 10.8 | 12 | 15 | 18 | 22.5 | 27 | 30 | 37.5 | 45 | 54 | 60 | 75 | 90 | 108 | 120 | 150 | 180 | 225 | 270 | 300 | 360 | 450 | 540 | 600 | 750 | 900 | 1200 | 1500 | 1800 | 2250 | |
|--------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----|-----|-----|------|-----|-----|------|-----|-----|------|------|------|------|-----|
| W | 225 | 180 | 150 | 125 | 112 | 90 | 75 | 60 | 50 | 45 | 36 | 30 | 25 | 22.5 | 18 | 15 | 12.5 | 11.3 | 9 | 7.5 | 6 | 5 | 4.5 | 3.75 | 3 | 2.5 | 2.25 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 | |
| N.M.转矩 | 180 | 4.58 | 5.73 | 6.88 | 8.25 | 9.17 | 11.5 | 13.8 | 17.2 | 20.6 | 22.9 | 28.7 | 34.4 | 41.3 | 45.8 | 57.3 | 68.8 | 82.5 | 91.7 | 114.6 | 138 | 172 | 206 | 229 | 275 | 275 | 275 | 275 | 275 | 275 | 275 | 275 | 275 | 275 |
| | 200 | 5.09 | 6.37 | 7.64 | 9.17 | 10.2 | 12.7 | 15.3 | 19.1 | 22.9 | 25.5 | 31.8 | 38.2 | 45.8 | 50.9 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |

| 速比 | 6 | 7.5 | 9 | 10.8 | 12 | 15 | 18 | 22.5 | 27 | 30 | 37.5 | 45 | 54 | 60 | 75 | 90 | 108 | 120 | 150 | 180 | 225 | 270 | 300 | 360 | 450 | 540 | 600 | 750 | 900 | 1200 | 1500 | 1800 | 2250 | |
|--------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|------|------|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|------|------|------|------|----|
| W | 225 | 180 | 150 | 125 | 112 | 90 | 75 | 60 | 50 | 45 | 36 | 30 | 25 | 22.5 | 18 | 15 | 12.5 | 11.3 | 9 | 7.5 | 6 | 5 | 4.5 | 3.75 | 3 | 2.5 | 2.25 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 | |
| N.M.转矩 | 250 | 6.34 | 7.96 | 9.55 | 11.5 | 12.7 | 15.9 | 19.1 | 23.9 | 28.7 | 31.8 | 39.8 | 47.8 | 57.3 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| | 300 | 7.64 | 9.55 | 11.5 | 13.8 | 15.3 | 19.1 | 22.9 | 28.7 | 34.4 | 38.2 | 47.8 | 57.3 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |



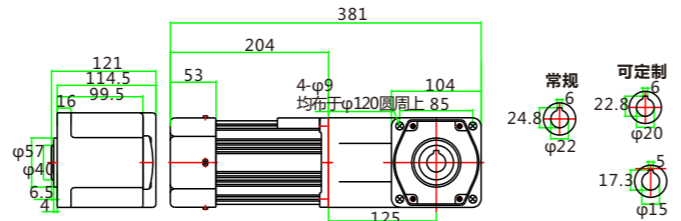
6GU RA-C 370W

370W 直角中心中实定/调速
减速比Ratio6-2250



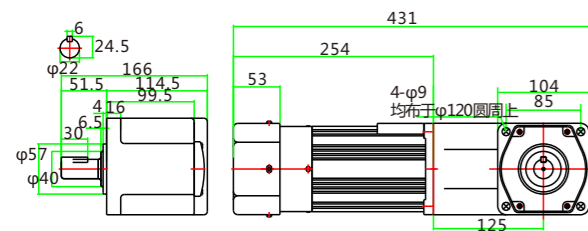
6GU RH-C 370W

370W 直角中心中空定/调速
减速比Ratio6-2250



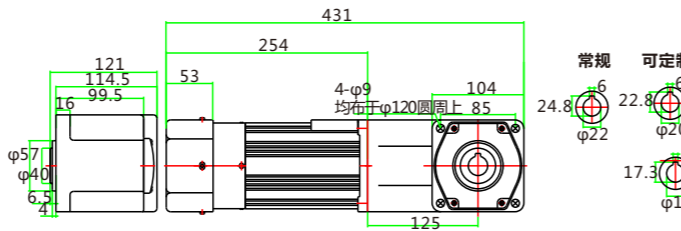
6GU RA-C 370W

370W 直角中心中实定/调速刹车
减速比Ratio6-2250



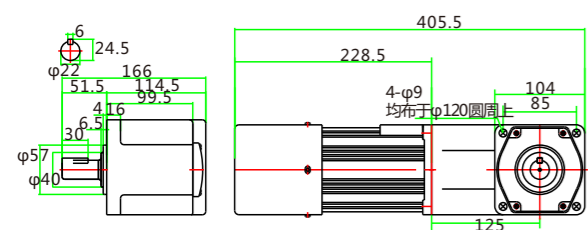
6GU RH-C 370W

370W 直角中心中空定/调速刹车
减速比Ratio6-2250



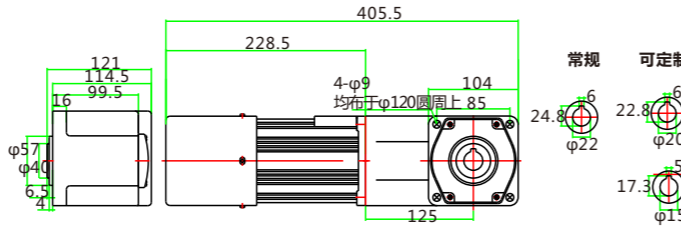
6GU RA-C 370W

370W 直角中心中实定/调速带独立风扇
减速比Ratio6-2250



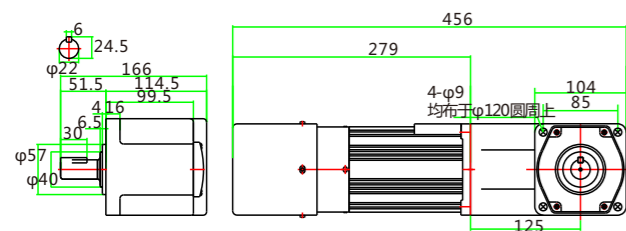
6GU RH-C 370W

370W 直角中心中空定/调速独立风扇
减速比Ratio6-2250



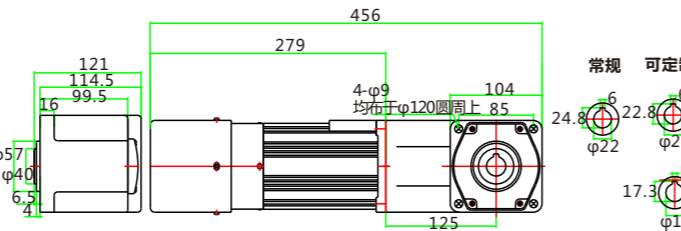
6GU RA-C 370W

370W 直角中心中实定/调速刹车带独立风扇
减速比Ratio6-2250



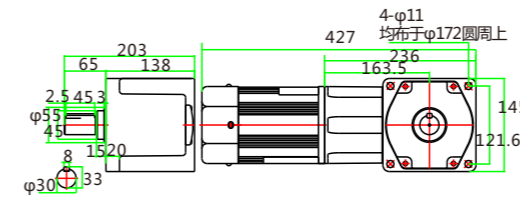
6GU RH-C 370W

370W 直角中心中空定/调速刹车带独立风扇
减速比Ratio6-2250



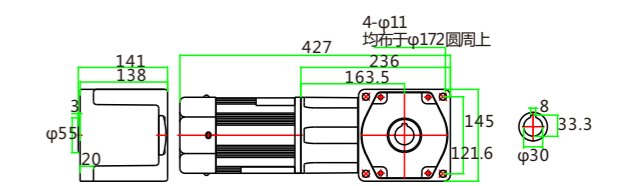
7GU RA-C 400W

400W 直角中心中实定/调速
减速比Ratio6-2250



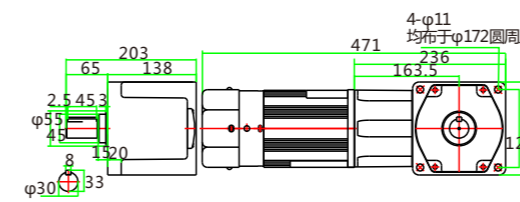
7GU RH-C 400W

400W 直角中心中空定/调速
减速比Ratio6-2250



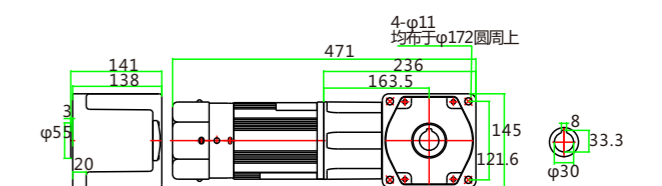
7GU RA-C 400W

400W 直角中心中实定/调速刹车
减速比Ratio6-2250



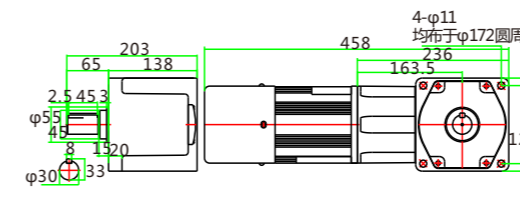
7GU RH-C 400W

400W 直角中心中空定/调速刹车
减速比Ratio6-2250



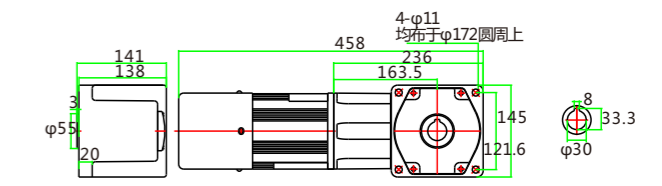
7GU RA-C 400W

400W 直角中心中实定/调速带独立风扇
减速比Ratio6-2250



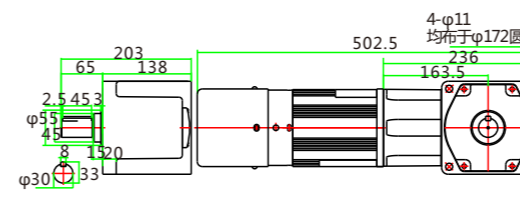
7GU RH-C 400W

400W 直角中心中空定/调速带独立风扇
减速比Ratio6-2250



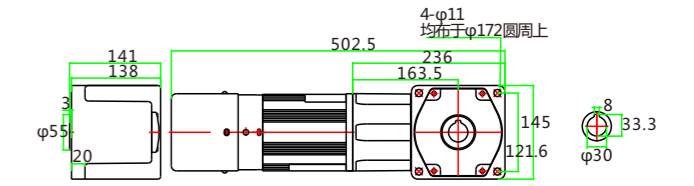
7GU RA-C 400W

400W 直角中心中实定/调速刹车带独立风扇
减速比Ratio6-2250



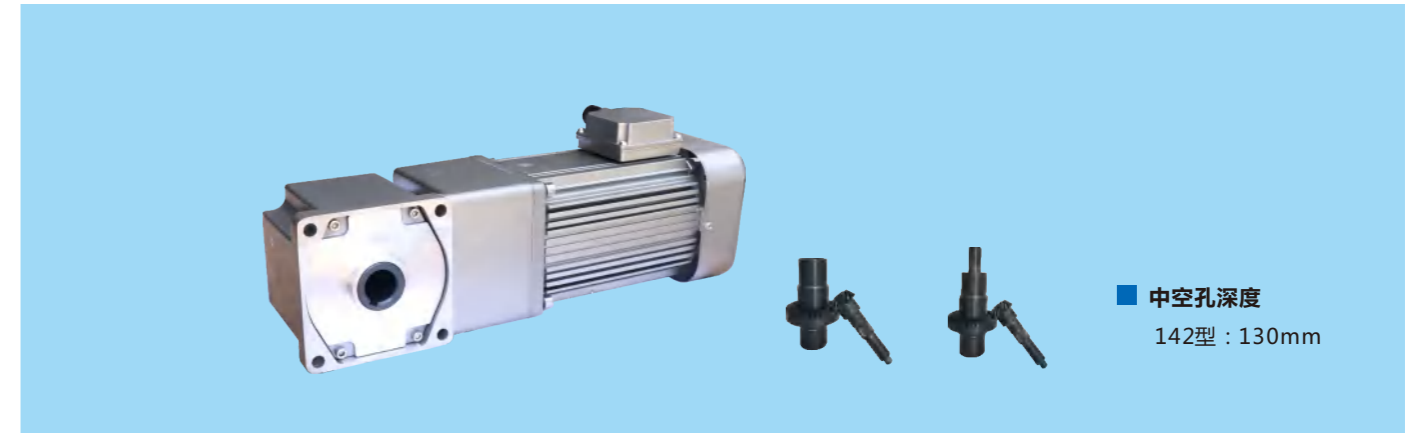
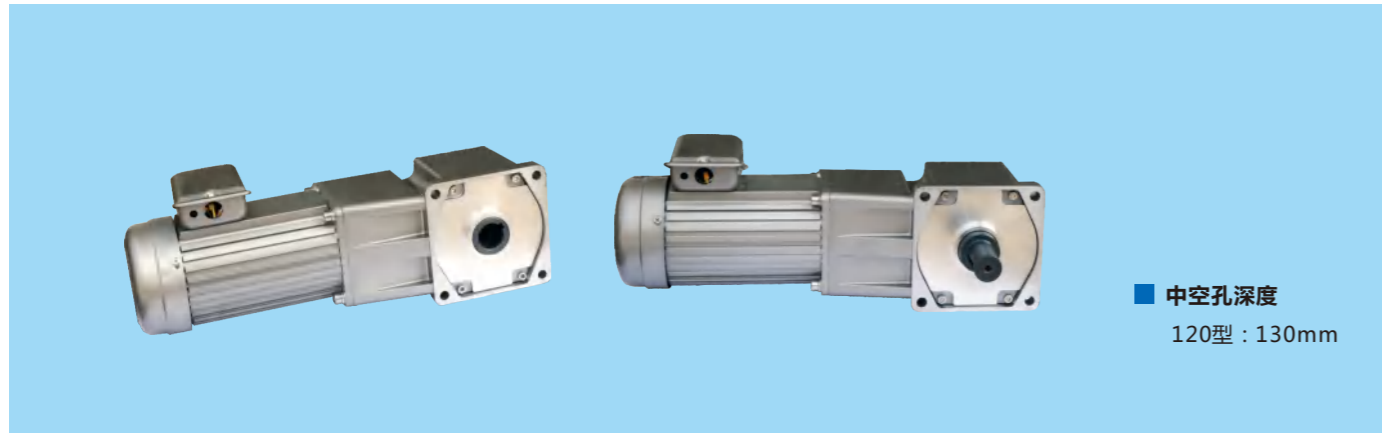
7GU RH-C 400W

400W 直角中心中空定/调速刹车带独立风扇
减速比Ratio6-2250

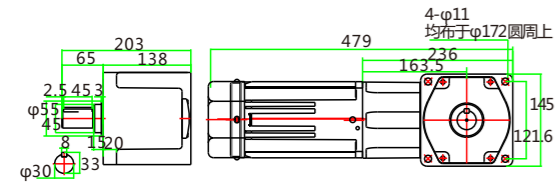


| 速比 | 6 | 7.5 | 9 | 10.8 | 12 | 15 | 18 | 22.5 | 27 | 30 | 37.5 | 45 | 54 | 60 | 75 | 90 | 108 | 120 | 150 | 180 | 225 | 270 | 300 | 360 | 450 | 540 | 600 | 750 | 900 | 1200 | 1500 | 1800 | 2250 |
|---------|------|------|------|------|------|------|------|------|------|------|------|----|----|------|----|----|------|------|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|------|------|------|------|
| r/min转速 | 225 | 180 | 150 | 125 | 112 | 90 | 75 | 60 | 50 | 45 | 36 | 30 | 25 | 22.5 | 18 | 15 | 12.5 | 11.3 | 9 | 7.5 | 6 | 5 | 4.5 | 3.75 | 3 | 2.5 | 2.25 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 |
| N.M转矩 | 9.42 | 11.8 | 14.1 | 17 | 18.9 | 23.6 | 28.3 | 35.3 | 42.4 | 47.1 | 58.9 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |

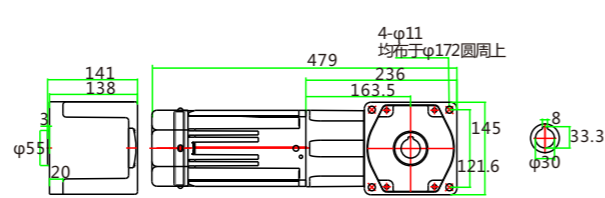
| 速比 | 6 | 7.5 | 9 | 10.8 | 12 | 15 | 18 | 22.5 | 27 | 30 | 37.5 | 45 | 54 | 60 | 75 | 90 | 108 | 120 | 150 | 180 | 225 | 270 | 300 | 360 | 450 | 540 | 600 | 750 | 900 | 1200 | 1500 | 1800 | 2250 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|------|------|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|------|------|------|------|
| r/min转速 | 225 | 180 | 150 | 125 | 112 | 90 | 75 | 60 | 50 | 45 | 36 | 30 | 25 | 22.5 | 18 | 15 | 12.5 | 11.3 | 9 | 7.5 | 6 | 5 | 4.5 | 3.75 | 3 | 2.5 | 2.25 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 |
| N.M转矩 | 10.2 | 12.7 | 15.3 | 18.3 | 20.4 | 25.5 | 30.6 | 38.2 | 45.8 | 50.9 | 63.7 | 76.4 | 91.7 | 102 | 127 | 153 | 183 | 204 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |



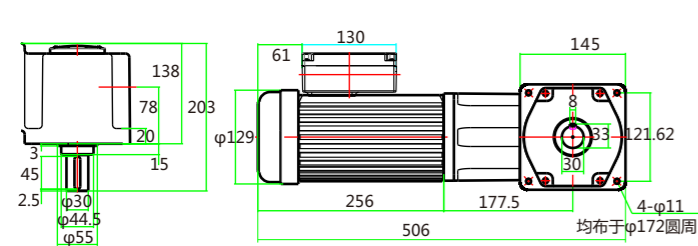
7GU RA-C 750W
750W直角中心中实定/调速
减速比Ratio6-2250



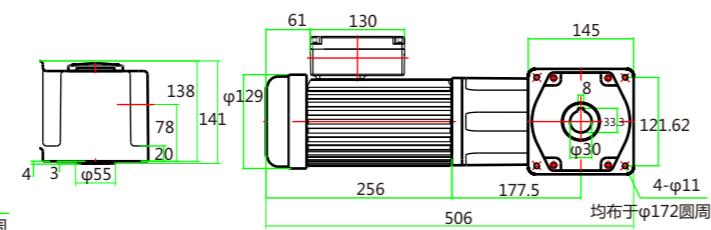
7GU RH-C 750W
750W直角中心中空30轴定/调速
减速比Ratio6-2250



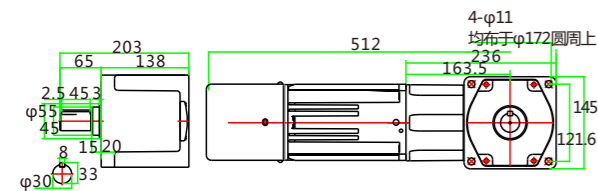
7GU RA-C 750W
750W 直角中心中实定 / 调速刹车
减速比Ratio6-2250



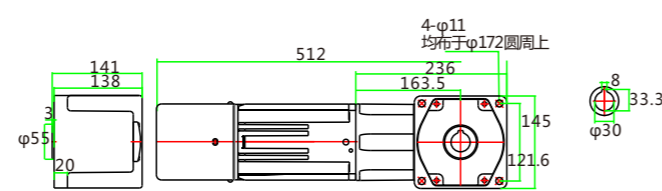
7GU RH-C 750W
750W 直角中心中空定 / 调速刹车
减速比Ratio6-2250



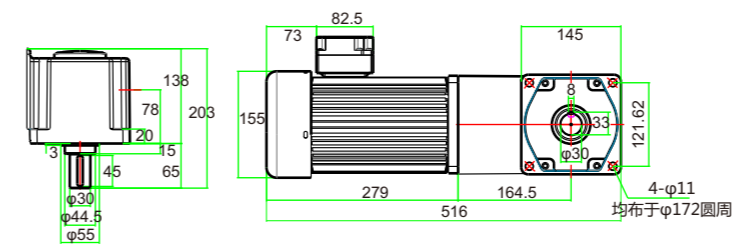
7GU RA-C 750W
750W直角中心中实定/调速 带独立风扇
减速比Ratio6-2250



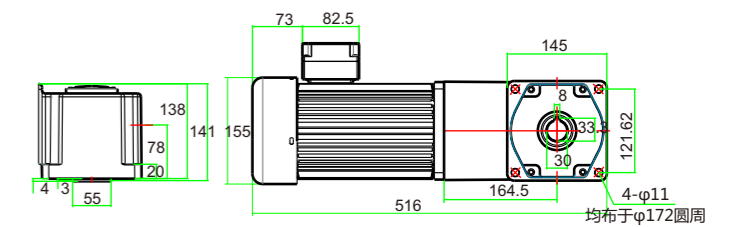
7GU RH-C 750W
750W直角中心中空定/调速 带独立风扇
减速比Ratio6-2250



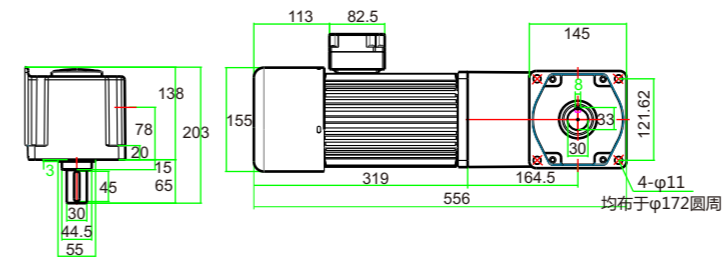
7GU RA-C 1.5KW
1.5KW 直角中心中实
减速比Ratio6-2100



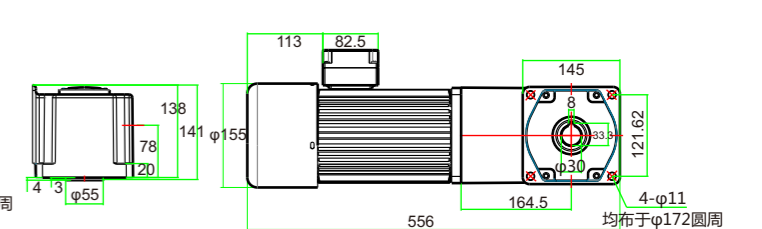
7GU RH-C 1.5KW
1.5KW 直角中心中空
减速比Ratio6-2100



7GU RA-C 1.5KW
1.5KW 直角中心中实刹车
减速比Ratio6-2100



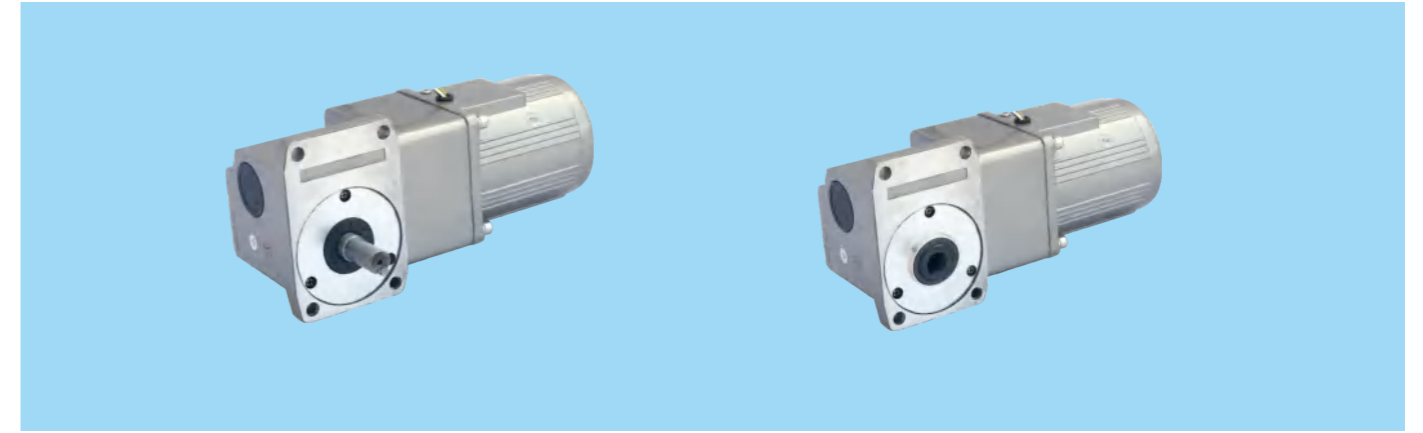
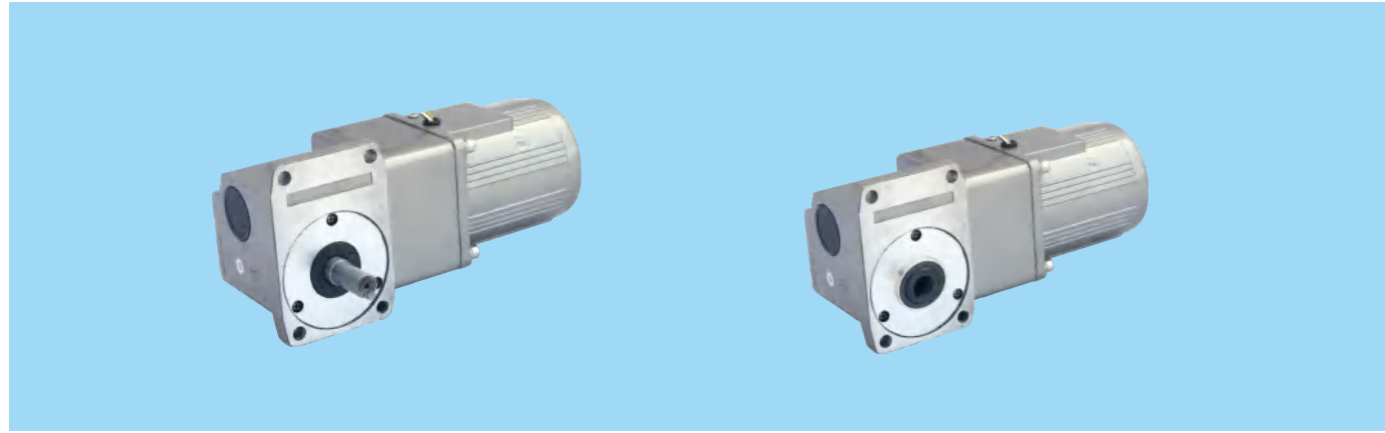
7GU RH-C 1.5KW
1.5KW 直角中心中空刹车
减速比Ratio6-2100



| 速比 | 6 | 7.5 | 9 | 10.8 | 12 | 15 | 18 | 22.5 | 27 | 30 | 37.5 | 45 | 54 | 60 | 75 | 90 | 108 | 120 | 150 | 180 | 225 | 270 | 300 | 360 | 450 | 540 | 600 | 750 | 900 | 1200 | 1500 | 1800 | 2250 | |
|---------|------|-----|------|------|------|------|------|------|-----|-----|------|-----|-----|------|-----|-----|------|------|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|------|------|------|------|-----|
| r/min转速 | 225 | 180 | 150 | 125 | 112 | 90 | 75 | 60 | 50 | 45 | 36 | 30 | 25 | 22.5 | 18 | 15 | 12.5 | 11.3 | 9 | 7.5 | 6 | 5 | 4.5 | 3.75 | 3 | 2.5 | 2.25 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 | |
| W N.M转矩 | 1500 | 38 | 47.8 | 57.4 | 68.8 | 76.4 | 95.6 | 114 | 143 | 172 | 191 | 238 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |

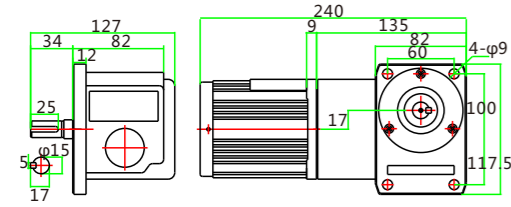
注: 900K以上轻负载使用, 不宜用于重载环境

| 速比 | 6 | 7.5 | 9 | 10.8 | 12 | 15 | 18 | 22.5 | 27 | 30 | 37.5 | 45 | 54 | 60 | 75 | 90 | 108 | 120 | 150 | 180 | 225 | 270 | 300 | 360 | 450 | 540 | 600 | 750 | 900 | 1200 | 1500 | 1800 | 2250 | |
|---------|-----|------|------|------|------|------|------|------|------|----|------|-----|-----|------|-----|-----|------|------|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|------|------|------|------|-----|
| r/min转速 | 225 | 180 | 150 | 125 | 112 | 90 | 75 | 60 | 50 | 45 | 36 | 30 | 25 | 22.5 | 18 | 15 | 12.5 | 11.3 | 9 | 7.5 | 6 | 5 | 4.5 | 3.75 | 3 | 2.5 | 2.25 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 | |
| W N.M转矩 | 750 | 19.1 | 23.9 | 28.7 | 34.4 | 38.2 | 47.8 | 57.3 | 71.6 | 86 | 95.5 | 119 | 143 | 172 | 191 | 239 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |



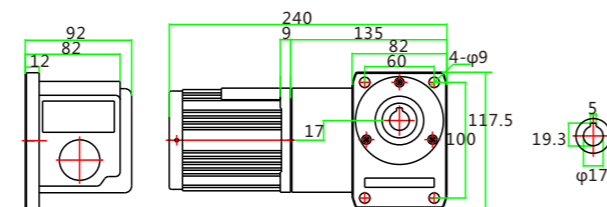
5GN RA-E 40W

40W 直角偏心中实定速
减速比Ratio5-1875



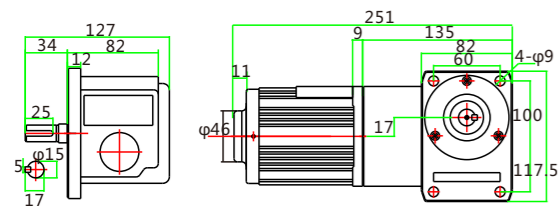
5GN RH-E 40W

40W 直角偏心中空定速
减速比Ratio5-1875



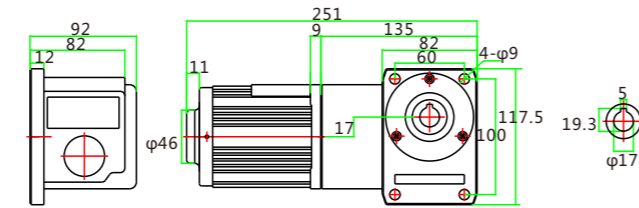
5GN RA-E 40W

40W 直角偏心中实调速
减速比Ratio 5-1875



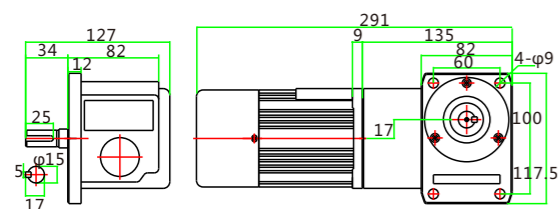
5GN RH-E 40W

40W 直角偏心中空调速
减速比Ratio5-1875



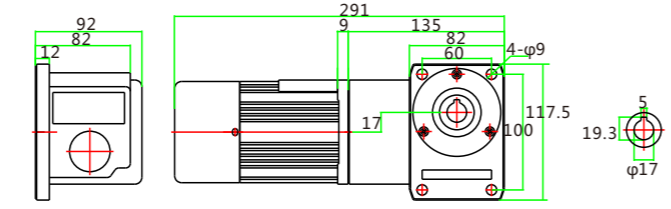
5GN RA-E 40W

40W 直角偏心中实定速刹车
减速比Ratio5-1875



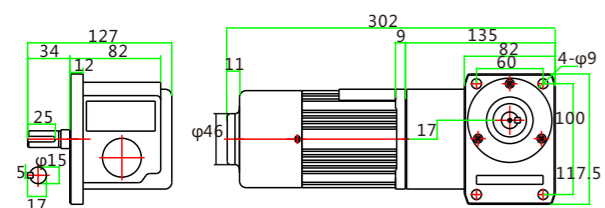
5GN RH-E 40W

40W 直角偏心中空定速刹车
减速比Ratio5-1875



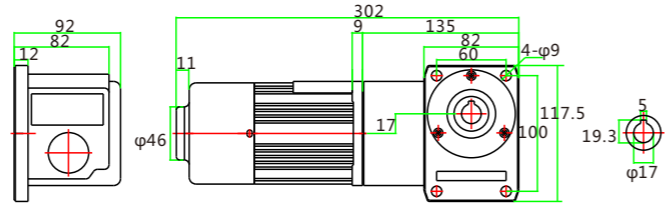
5GN RA-E 40W

40W 直角偏心中实调速刹车
减速比Ratio5-1875



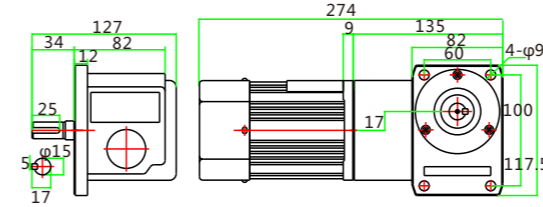
5GN RH-E 40W

40W 直角偏心中空调速刹车
减速比Ratio5-1875



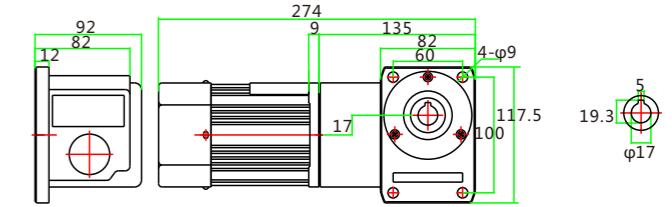
5GU RA-E 60W

60W 直角偏心中实定 / 调速
减速比Ratio5-1875



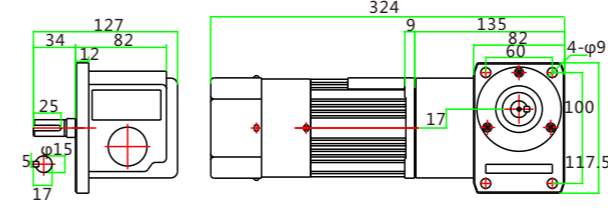
5GU RH-E 60W

60W 直角偏心中空定 / 调速
减速比Ratio5-1875



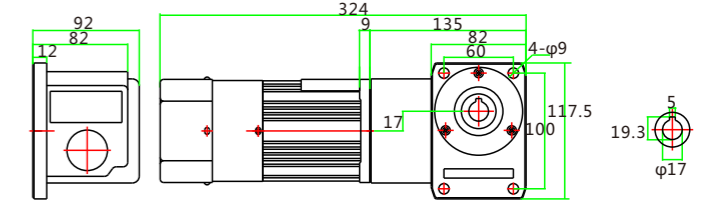
5GU RA-E 60W

60W 直角偏心中实定 / 调速刹车
减速比Ratio5-1875



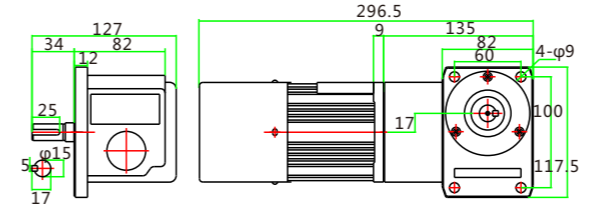
5GU RH-E 60W

60W 直角偏心中空定 / 调速刹车
减速比Ratio5-1875



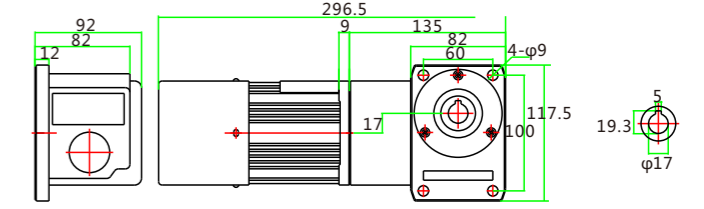
5GU RA-E 60W

60W 直角偏心中实定 / 调速带独立风扇
减速比Ratio5-1875



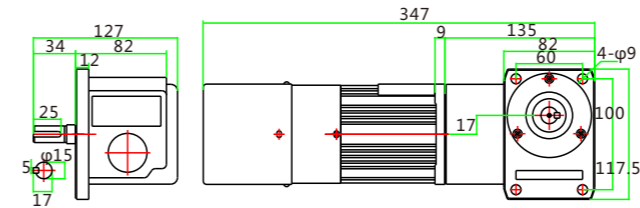
5GU RH-E 60W

60W 直角偏心中空定 / 调速 调速带独立风扇
减速比Ratio5-1875



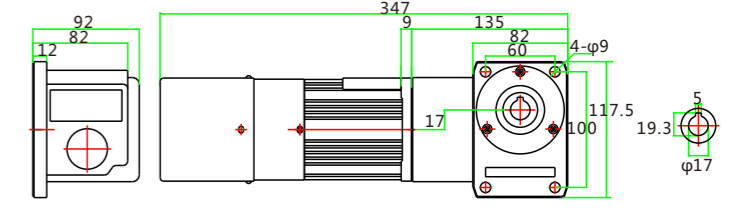
5GU RA-E 60W

60W 直角偏心中实定 / 调速刹车 带独立风扇
减速比Ratio5-1875



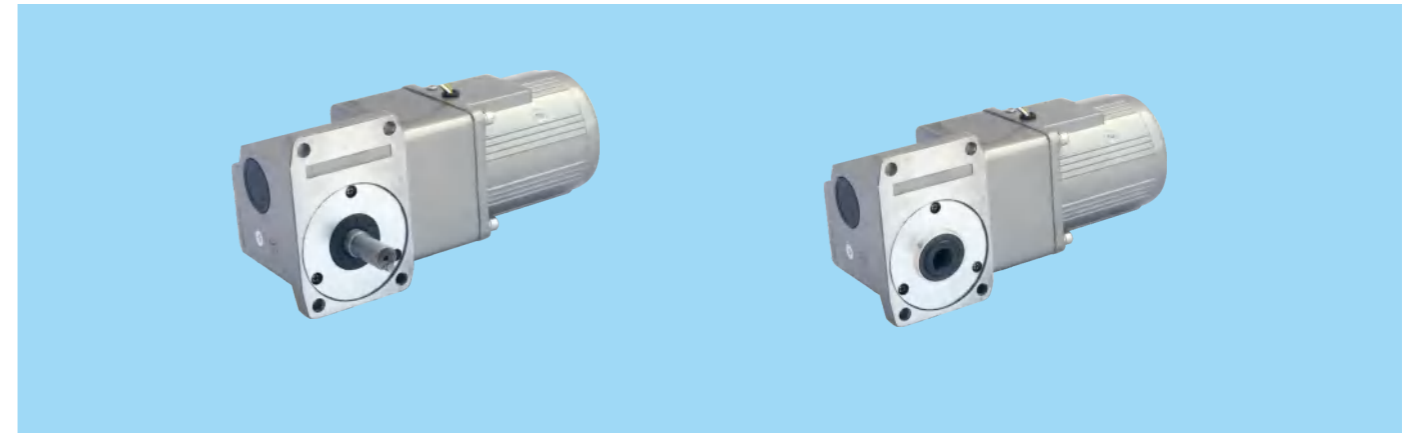
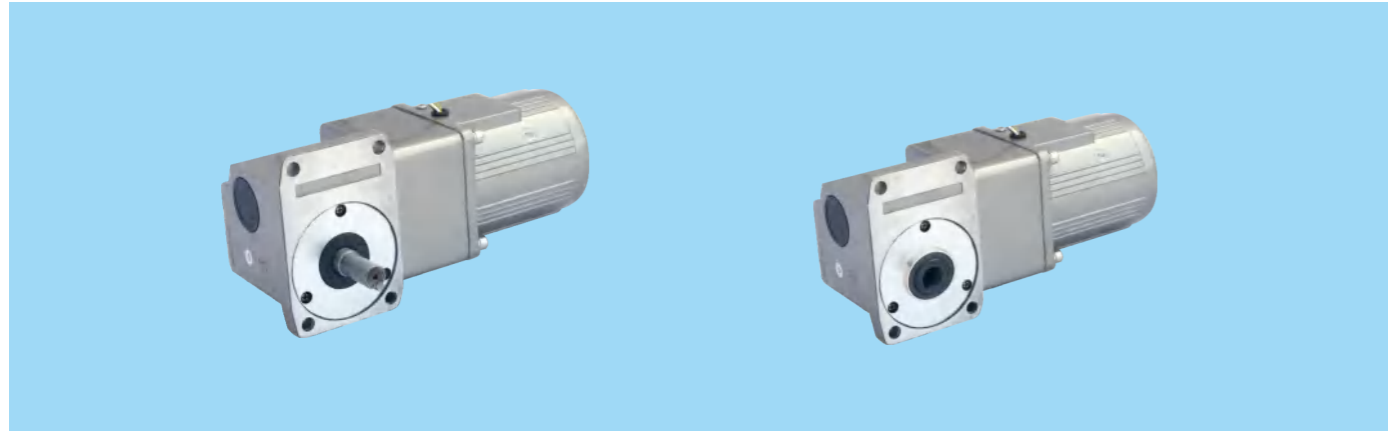
5GU RH-E 60W

60W 直角偏心中空定 / 调速刹车带独立风扇
减速比Ratio5-1875



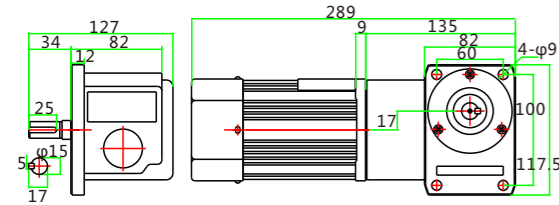
| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 31.25 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 |
|---------|-----|------|------|------|------|------|------|-------|------|------|-------|------|------|------|------|-------|------|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 |
| W N.M转矩 | 40 | 0.85 | 1.06 | 1.27 | 1.53 | 1.7 | 2.12 | 2.55 | 3.18 | 3.82 | 4.24 | 5.31 | 6.37 | 7.64 | 8.49 | 10.61 | 12.7 | 15.3 | 17 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |

| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 31.25 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 |
|---------|-----|------|------|------|------|------|------|-------|------|------|-------|------|------|-------|------|------|----|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 |
| W N.M转矩 | 60 | 1.27 | 1.59 | 1.91 | 2.29 | 2.55 | 3.18 | 3.82 | 4.78 | 5.73 | 6.37 | 7.96 | 9.55 | 11.46 | 12.7 | 15.9 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |



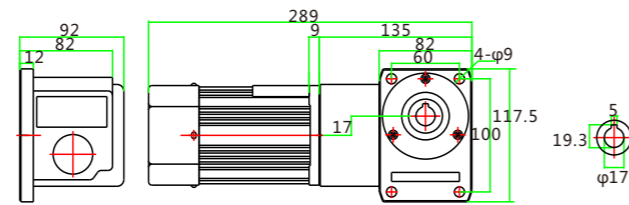
5GU RA-E 90/120W

90/120W直角偏心中实定/调速
减速比Ratio5-1875



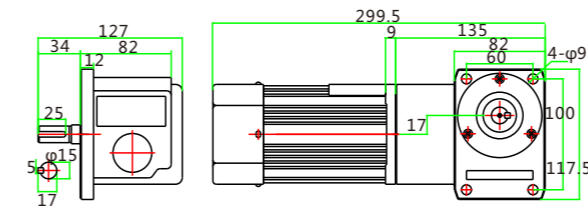
5GU RH-E 90/120W

90/120W直角偏心中空定/调速
减速比Ratio5-1875



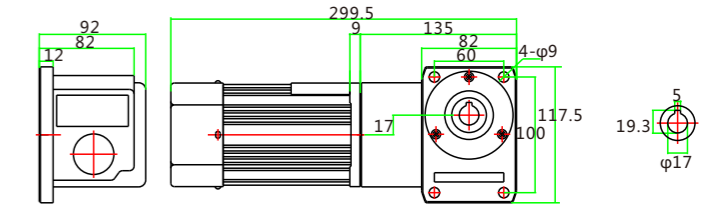
5GU RA-E 140W

140W直角偏心中实定/调速
减速比Ratio5-1875



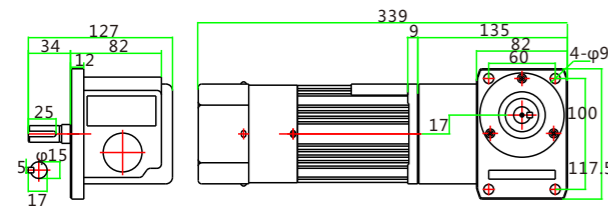
5GU RH-E 140W

140W直角偏心中空定/调速
减速比Ratio5-1875



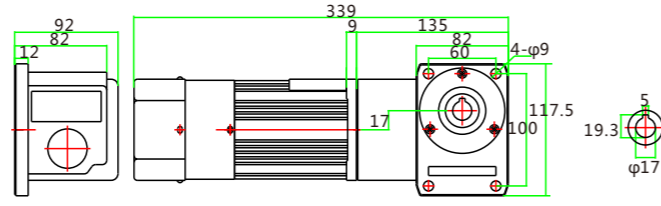
5GU RA-E 90/120W

90/120W直角偏心中实定/调速刹车
减速比Ratio5-1875



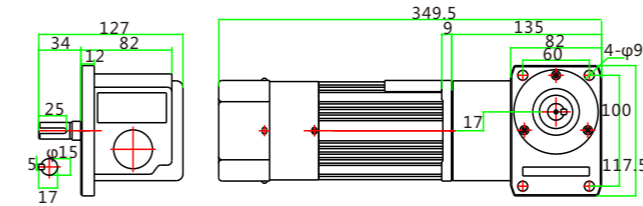
5GU RH-E 90/120W

90/120W直角偏心中空定/调速刹车
减速比Ratio5-1875



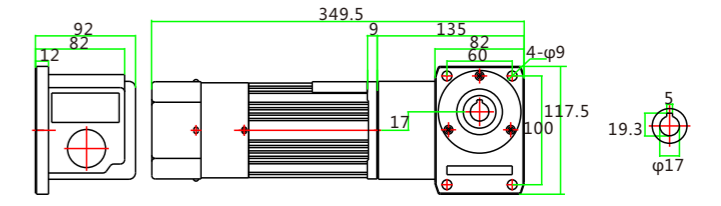
5GU RA-E 140W

140W直角偏心中实定/调速刹车
减速比Ratio5-1875



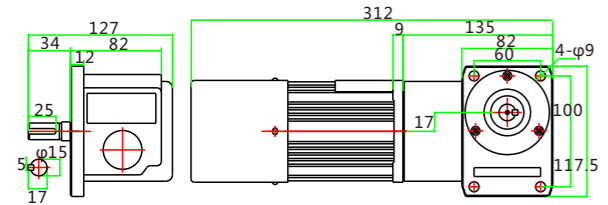
5GU RH-E 140W

140W直角偏心中空定/调速刹车
减速比Ratio5-1875



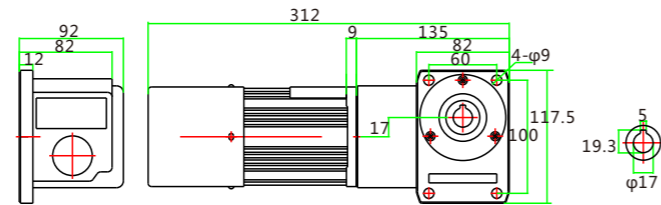
5GU RA-E 90/120W

90/120W直角偏心中实定/调速 带独立风扇
减速比Ratio5-1875



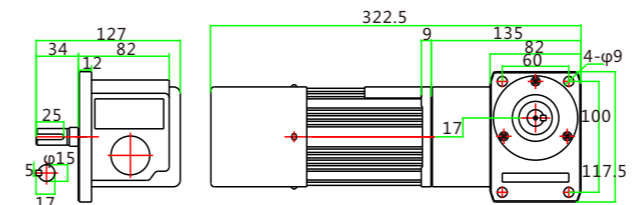
5GU RH-E 90/120W

90/120W直角偏心中空定/调速 带独立风扇
减速比Ratio5-1875



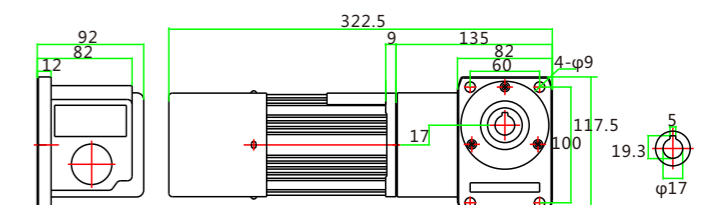
5GU RA-E 140W

140W直角偏心中实定/调速 带独立风扇
减速比Ratio5-1875



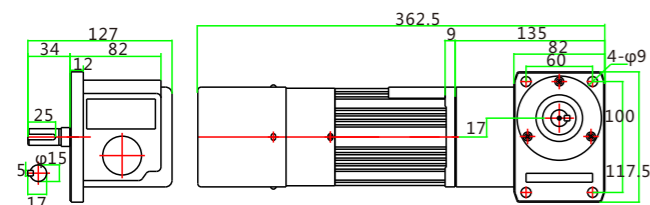
5GU RH-E 140W

140W直角偏心中空定/调速 带独立风扇
减速比Ratio5-1875



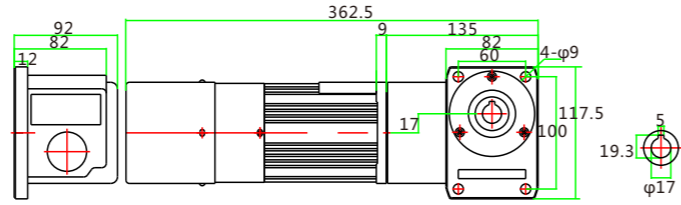
5GU RA-E 90/120W

90/120W直角偏心中实定/调速刹车 带独立风扇
减速比Ratio5-1875



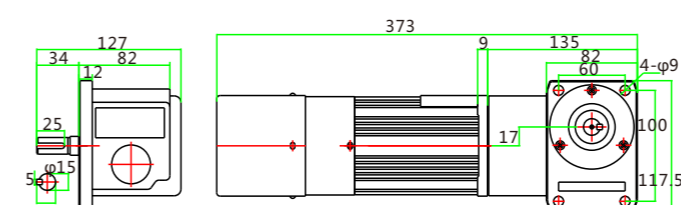
5GU RH-E 90/120W

90/120W直角偏心中空定/调速刹车带独立风扇
减速比Ratio5-1875



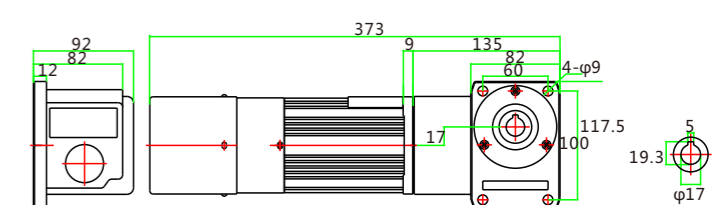
5GU RA-E 140W

140W直角偏心中实定/调速刹车 带独立风扇
减速比Ratio5-1875



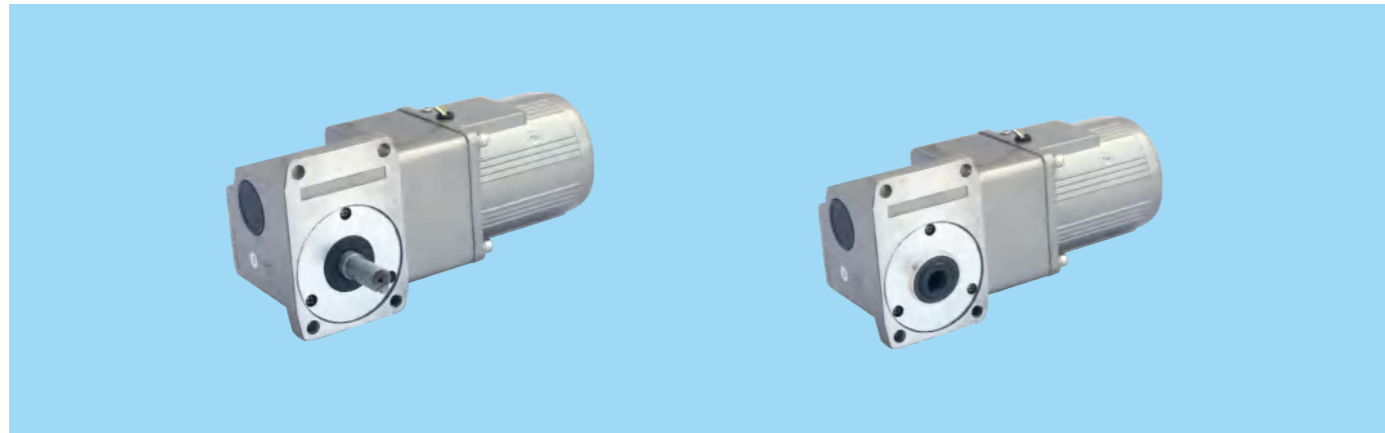
5GU RH-E 140W

140W直角偏心中空定/调速刹车带独立风扇
减速比Ratio5-1875



| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 31.25 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 |
|---------|------|------|------|------|------|------|------|-------|------|------|-------|------|------|----|------|----|----|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 |
| N.M转矩 | 1.91 | 2.39 | 2.87 | 3.44 | 3.82 | 4.78 | 5.73 | 7.16 | 8.6 | 9.55 | 11.9 | 14.3 | 17.2 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |

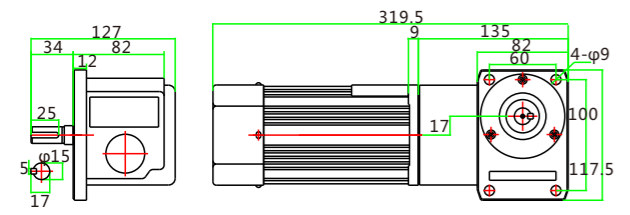
| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 31.25 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 |
|---------|-----|------|------|------|------|------|------|-------|------|------|-------|------|----|----|------|----|----|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 |
| N.M转矩 | 140 | 2.97 | 3.71 | 4.46 | 5.35 | 5.94 | 7.43 | 8.91 | 11.1 | 13.4 | 14.9 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |



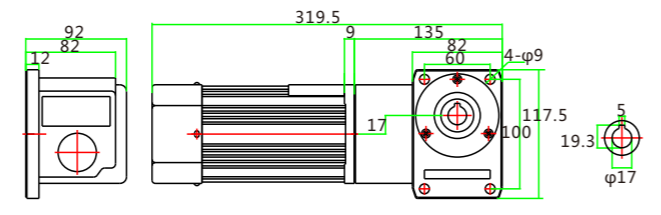
直线减速电机6W-750W LINEAR TYPE REDUCER



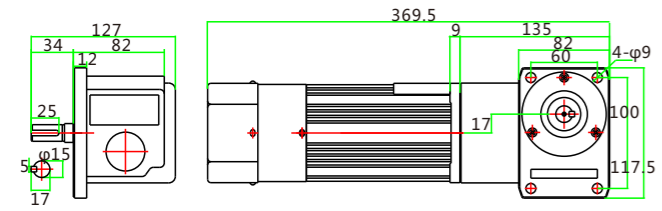
5GU RA-E 180W
180W直角偏心中实定/调速
减速比Ratio5-1875



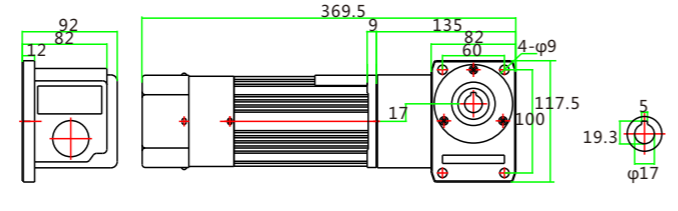
5GU RH-E 180W
180W直角偏心中空定/调速
减速比Ratio5-1875



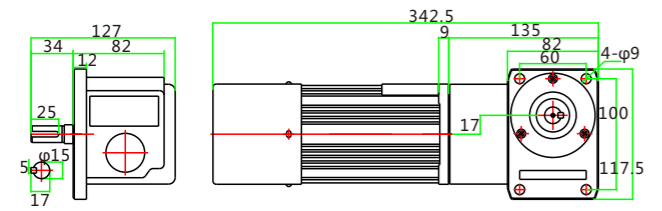
5GU RA-E 180W
180W直角偏心中实定/调速刹车
减速比Ratio5-1875



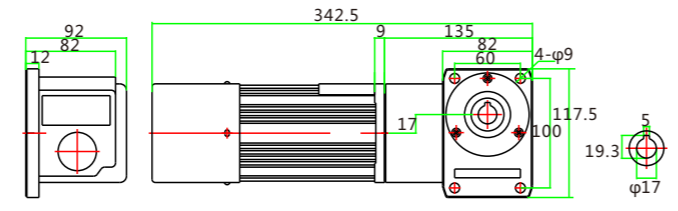
5GU RH-E 180W
180W 直角偏心中空定 / 调速刹车
减速比Ratio5-1875



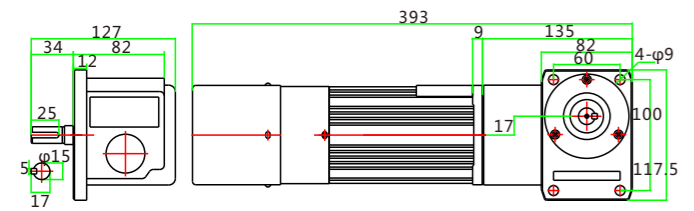
5GU RA-E 180W
180W直角偏心中实定/调速
减速比Ratio5-1875



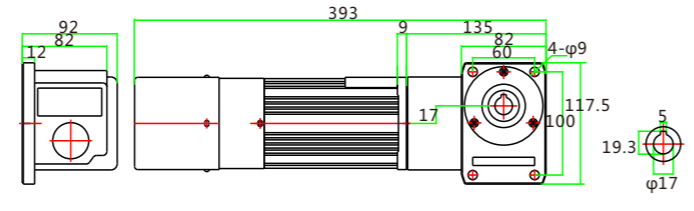
5GU RH-E 180W
180W直角偏心中空定/调速
减速比Ratio5-1875



5GU RA-E 180W
180W直角偏心中实定/调速刹车
减速比Ratio5-1875



5GU RH-E 180W
180W 直角偏心中空定 / 调速刹车
减速比Ratio5-1875



型号说明 Model Description

5 **L** **45** **-4**
① ② ③ ④

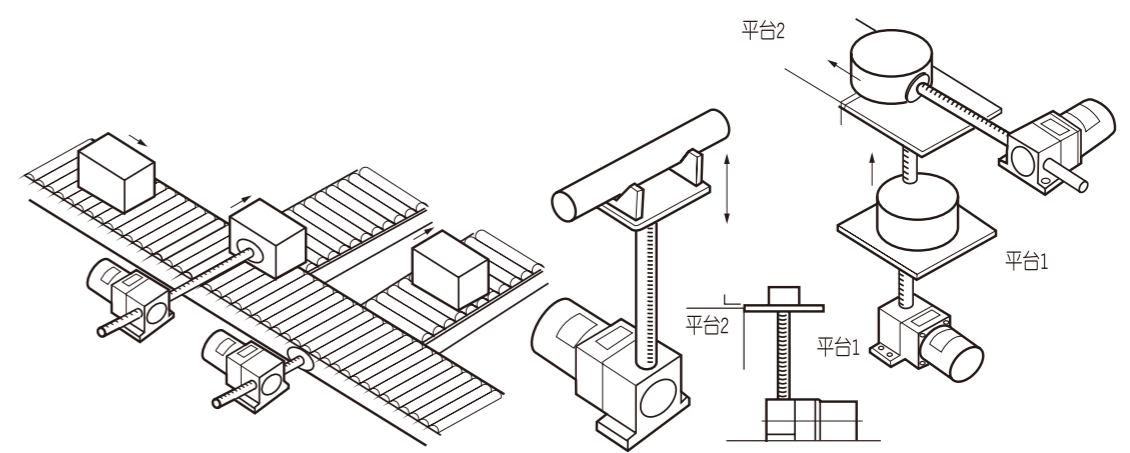
| | |
|---|---|
| ① | 外形尺寸Frame Size : 2:60x60mm 4:80x80mm 5:90x90mm 6:104x104mm 7:120x120mm |
| ② | 齿条移动方向 Movement direction: L:齿条方向与安装面水平移动 The movement direction of the gear rack tends to parallel to the mounting surface F:齿条方向与安装面垂直移动 The movement direction of the gear rack and mounting surface is vertical |
| ③ | 齿条移动速度 Movmement speed: 45:45mm/s X:X mm/s |
| ④ | 齿条有效行程 Gear rack stroke :1:100mm 2:200 mm 3:300mm 4:400mm 5:500mm 6:600MM 7:700mm |

特点及应用 Features and Applications

这种类型的直线减速器能与多种类的电机组合使用，实现直线运动。同时，行程移动速度和行程也有多种规格，可轻松实现需要的推、拉、升、降等用途。Linear reducer can be used in combination with more kinds of motos of to achieve linear motion. at the same time, movement speed and stoke also has more kinds of specification, can be easily achieve pushing , pulling. up and down function.

实现直线机构 Achieve linear motion mechanism
直线减速机配合合适的电机，可轻松实现在水平方向或垂直方向的直线移动。
Linear reducer matching the suitable motor, can be easily achieve in horizontal or vertical linear motion
有效使用空间 The effective use of space
直线减速机固定齿条两端的螺孔后，可实现机体部分的移动。特别适用于在安装空间有限或有特殊需求的装置中，节约使用空间。
After fixing the screw holes ,can achieve the part of organism movement. it is especialty suitable for limite installation space or special damand device.

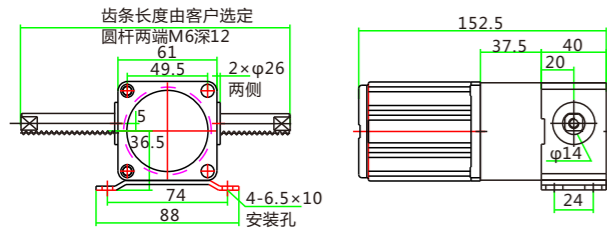
用途示例 Usage Example



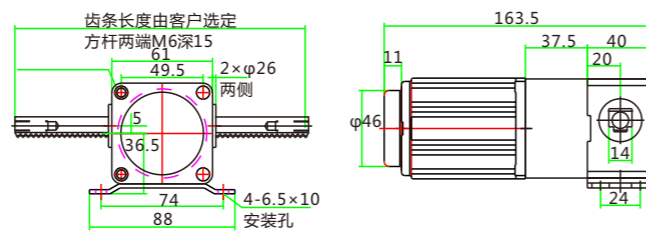
| 速比 | 5 | 6.25 | 7.5 | 9 | 10 | 12.5 | 15 | 18.75 | 22.5 | 25 | 31.25 | 37.5 | 45 | 50 | 62.5 | 75 | 90 | 100 | 125 | 150 | 187.5 | 225 | 250 | 300 | 375 | 450 | 500 | 750 | 900 | 1200 | 1500 | 1800 | 2250 | |
|---------|-----|------|------|------|------|------|------|-------|------|------|-------|------|----|----|------|----|----|------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|----|
| r/min转速 | 270 | 216 | 180 | 150 | 135 | 108 | 90 | 72 | 60 | 54 | 43.2 | 36 | 30 | 27 | 21.6 | 18 | 15 | 13.5 | 10.8 | 9 | 7.2 | 6 | 5.4 | 4.5 | 3.6 | 3 | 2.7 | 1.8 | 1.5 | 1.13 | 0.9 | 0.75 | 0.6 | |
| W.N.转矩 | 180 | 3.82 | 4.78 | 5.73 | 6.88 | 7.64 | 9.55 | 11.5 | 14.3 | 17.2 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |

水平直线齿轮箱
Linear type gear head-Horizontal

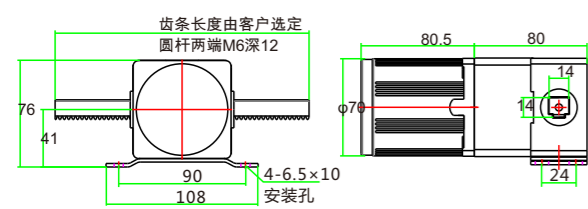
60型6W水平定速constant speed type



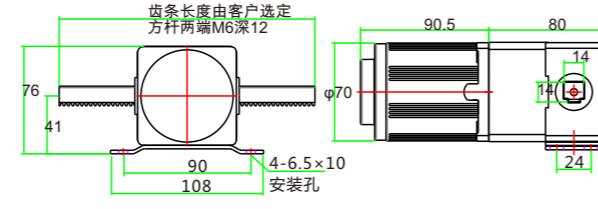
60型6W水平调速speed regulation type



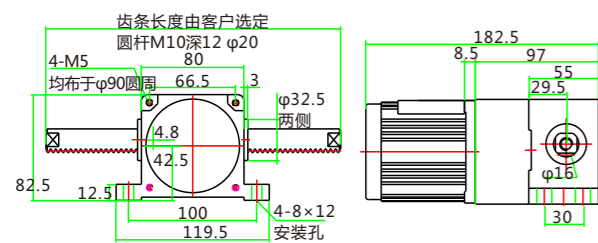
70型15W水平定速constant speed type



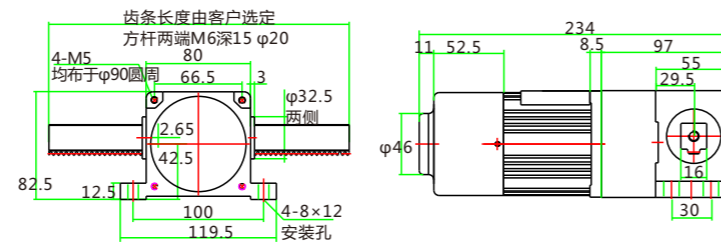
70型15W水平调速 speed regulation type



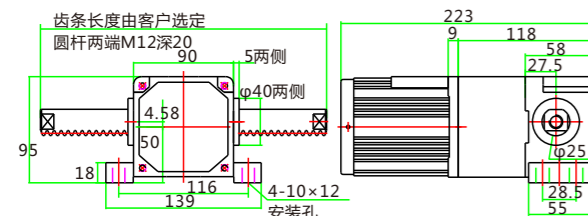
80型25W水平定速 constant speed type



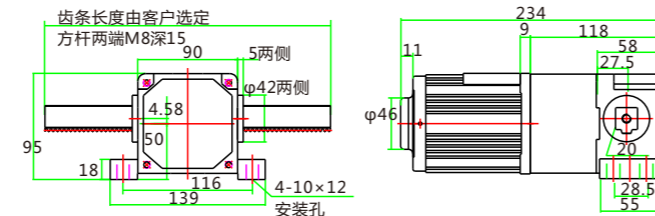
80型25W水平调速带刹车 speed regulation



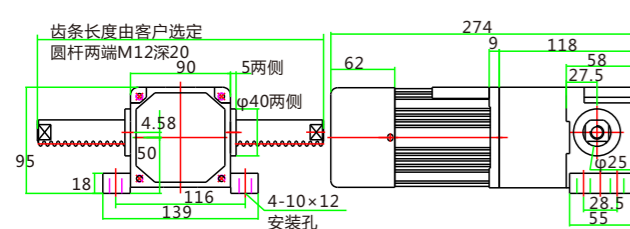
90型40W水平定速constant speed type



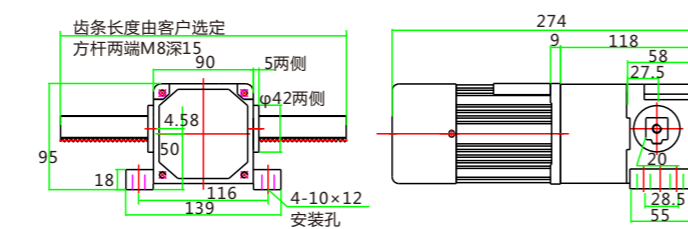
90型40W水平调速speed regulation



90型40W水平定速刹车 brake constant speed

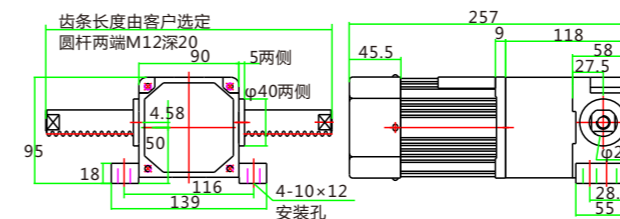


90型40W水平调速刹车 brake speed regulation

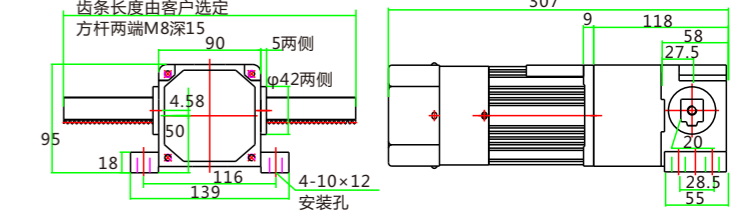


水平直线齿轮箱
Linear type gear reducer parallel

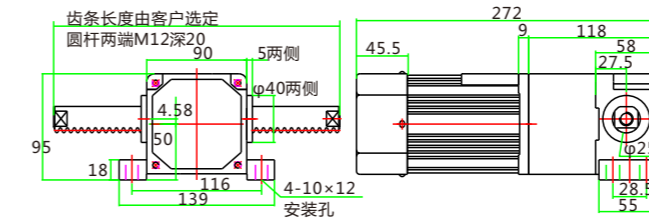
90型60W水平定/调速 constant speed/speed regulation type



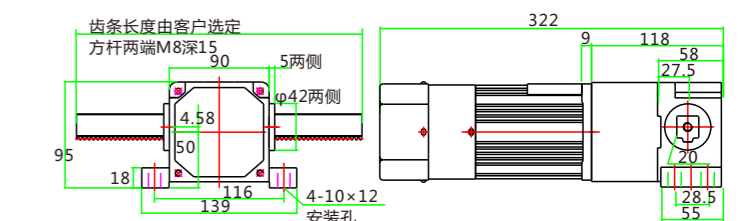
90型60W水平定/调速刹车 brake constant speed /speed regulation type



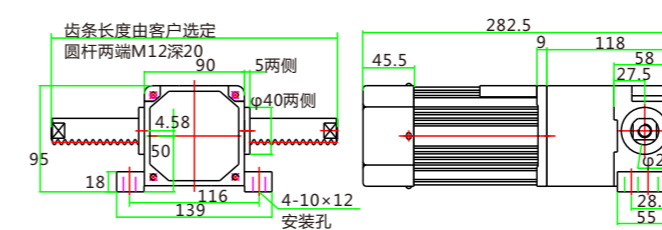
90型90/120W水平定/调速 constant speed /speed regulation type



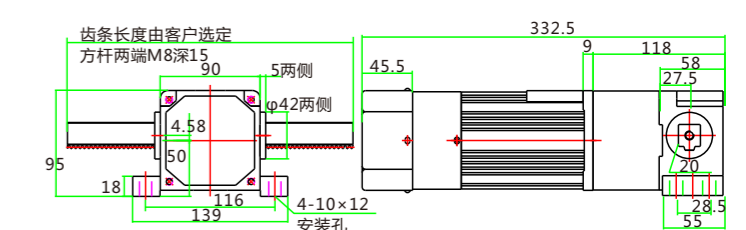
90型90/120W水平定/调速刹车 brake constant speed /speed regulation type



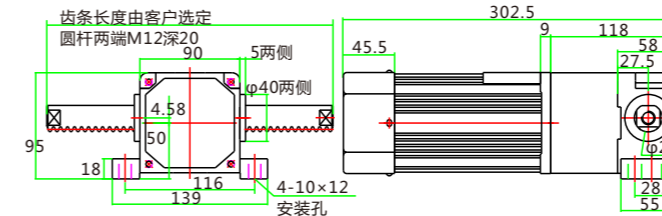
90型140W水平定/调速 constant speed/speed regulation type



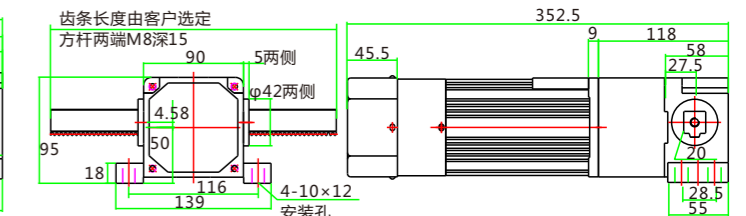
90型140W水平定/调速刹车 brake constant speed /speed regulation type



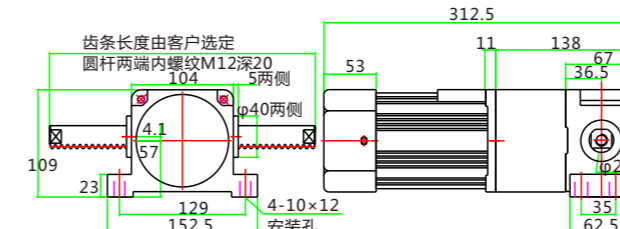
90型180W水平定/调速 constant speed/speed regulation type



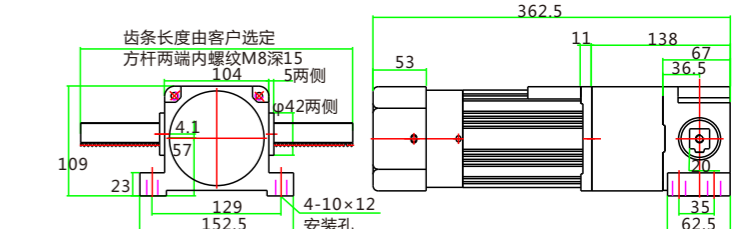
90型180W水平定/调速刹车 brake constant speed/brake speed regulation type



104型180/200W水平定/调速 constant speed/speed regulation type

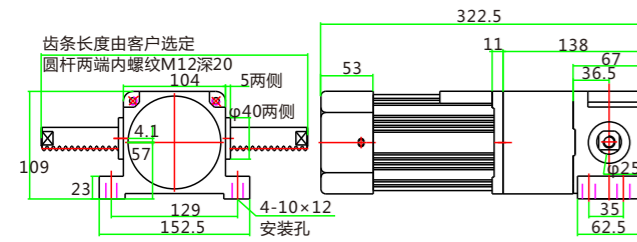


104型180/200W水平定/调速刹车 brake constant speed/brake speed regulation type

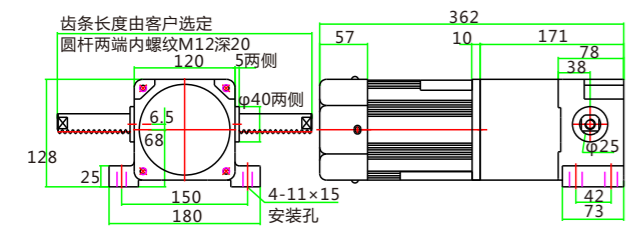


水平直线齿轮箱
Linear type gear reducer parallel

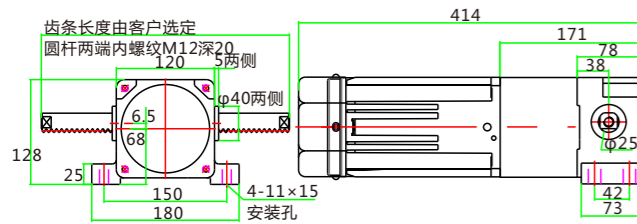
250/300W水平/调速constant speed/speed regulation type



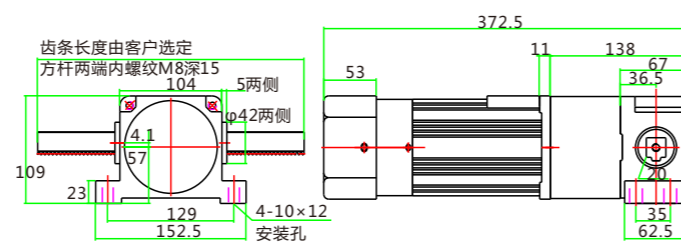
120型400W水平/调速constant speed/speed regulation type



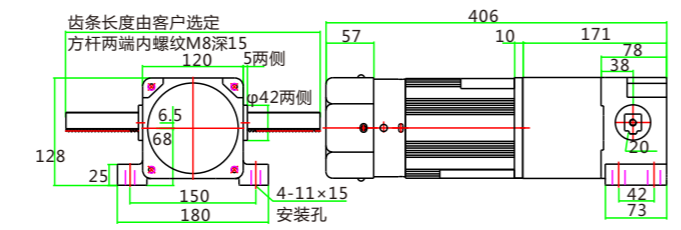
120型750W水平/调速constant speed/speed regulation type



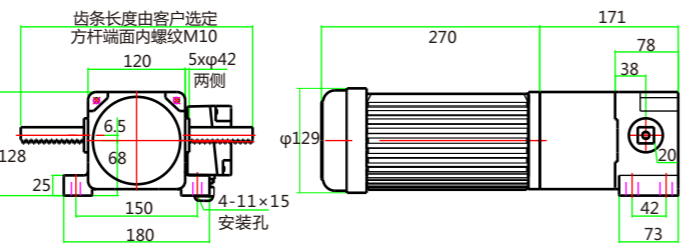
250/300W型水平/调速刹车brake constant speed/brake speed regulation type



120型400W水平/调速刹车brake constant speed/brake speed regulation type



120型750W水平/调速刹车brake constant speed/brake speed regulation type

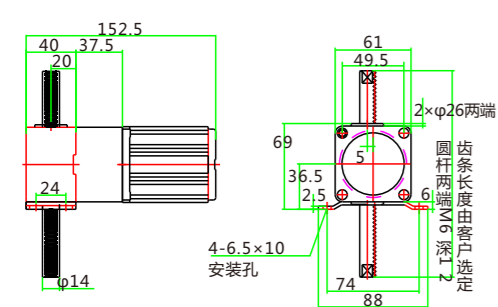


直线齿轮箱参数 Parameter of the Linear type gear head

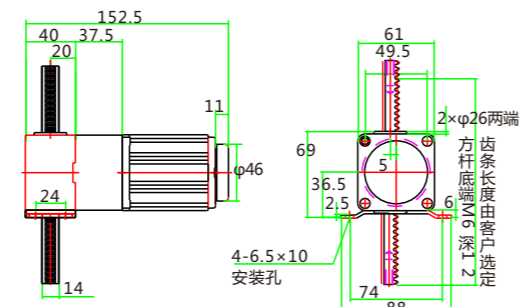
| 型号Type | 电机机座号 Frame size | 速度 Speed(mm/s) | 最大搬运质量 (Kg) | 有效行程 effective travel(mm) | 功率 Power(W) |
|--------|------------------|----------------|---------------|---------------------------|-------------|
| 2L(F) | 60 | 10-150 | 20 | 100-1000 | 6 |
| 3L(F) | 70 | 10-150 | 40 | 100-1000 | 15 |
| 4L(F) | 80 | 10-150 | 70 | 100-1000 | 25 |
| 5L(F) | 90 | 10-150 | 140 | 100-2000 | 40-180 |
| 6L(F) | 104 | 10-150 | 200 | 100-2000 | 180-370 |
| 7L(F) | 120 | 10-150 | 450 | 100-2000 | 400-750 |

垂直直线齿轮箱
Linear type gear reducer -vertical

60型6W垂直定速 constant speed type

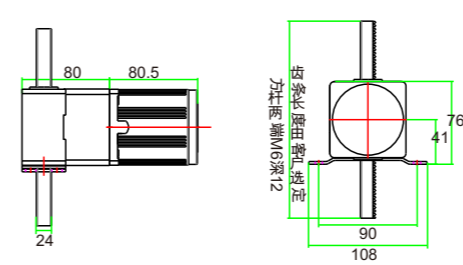


60型6W垂直调速speed regulation type

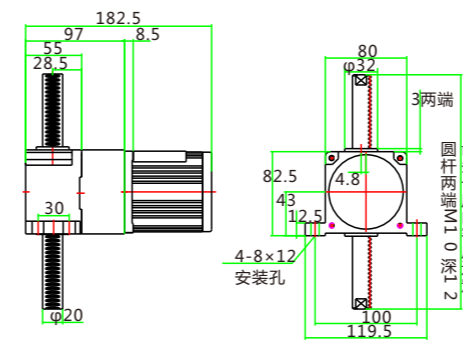


垂直直线齿轮箱
Linear type gear reducer -vertical

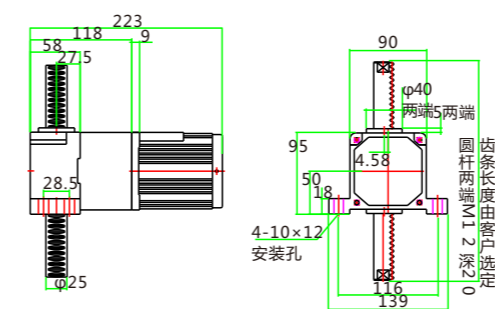
70型15W垂直定速 constant speed type



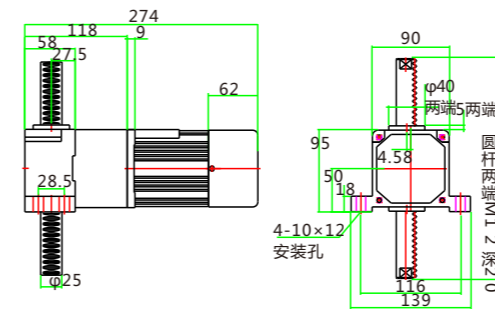
25W垂直定速Linear type reducer



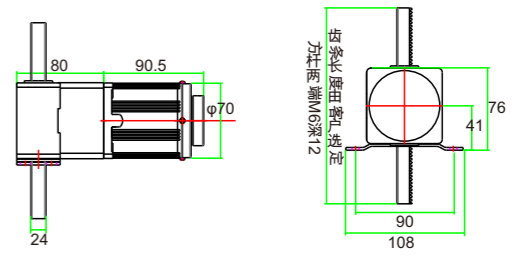
90型40W定速constant speed type



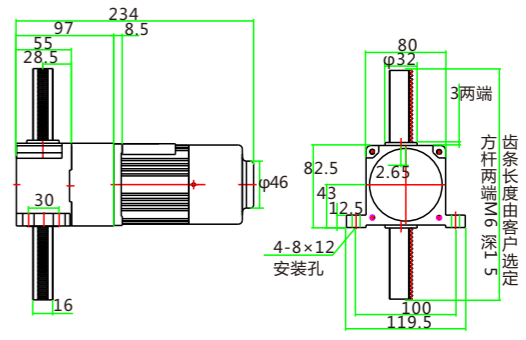
90型40W定速刹车brake constant speed type



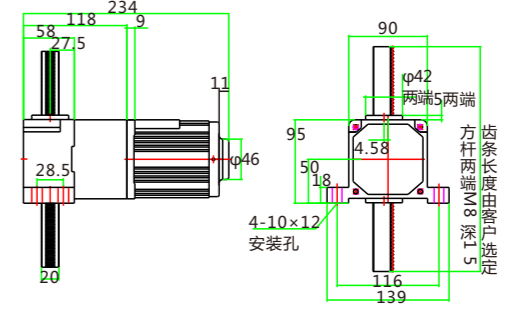
70型15W垂直调速speed regulation type



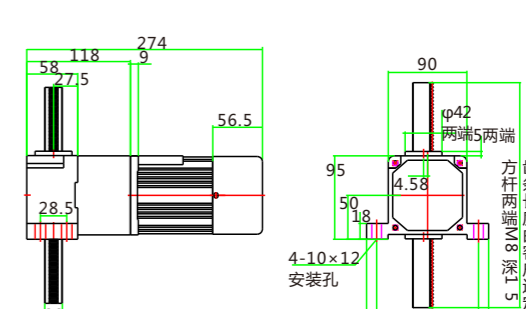
25W垂直调速刹车Linear type reducer



90型40W调速speed regulation type



90型40W调速刹车brake speed regulation type



直流齿轮减速电机 6W-750W

DC GEAR MOTOR



直流齿轮减速电机 DC GEAR MOTOR

产品定义 Product Model Explanation

5 DC 60 24 GU -18 M
① ② ③ ④ ⑤ ⑥ ⑦

| | |
|---|--|
| ① | 机座号Code : 2:60*60mm 3:70*70mm 4:80*80mm 5:90*90mm 6:104*104mm 7:120*120 |
| ② | 直流马达系列 DC Motor |
| ③ | 电机功率 Rated power 15:15W 25:25W 60 : 60W 200:200W 450 : 450W |
| ④ | 额定电压 Reated voltage 12:DC12V 24:DC24V 90:DC90V 220:DC220V |
| ⑤ | 电机轴形状 shape of motor shaft GU : 加强型斜齿轴 Reinforced Helival Gear GN : 普通型斜齿轴 General Helival Gear A1 : 光轴铣键槽 Milling Keyway A : 光轴铣扁 Flat type RV : 代表配RV专用 |
| ⑥ | 电机转速Motor Speed : 18代表负载转速 1800rpm 28代表负载转速 2800rpm |
| ⑦ | M代表刹车 |

减速器 Gear Box

5 GU 50 K
① ② ③ ④

| | |
|---|--|
| ① | 型号尺寸 Model&Dimension : 2:60mm 3:70mm 4:80mm 5:90mm 6:104mm 7:120mm |
| ② | 齿轮种类 Gear Type GN:普通型斜齿轴 GN : Common Helical Gear GU : 加强型斜齿轴 GU : Reinforced Helical Gear |
| ③ | 减速比 Reduction ratio 50减速比为1 : 50 50:Reduction Ratio 1:50 10X仅限减速比1 : 10的中间减速比 10X denotes the mid reduction ratio 1:10 |
| ④ | 轴承种类 Bearing Type K:滚珠轴承 (对GU型方箱体标注为KB) K:Ball bearing (Mark KB for Type GU square case) |

直流电机的一般规格 General specification of dc motor

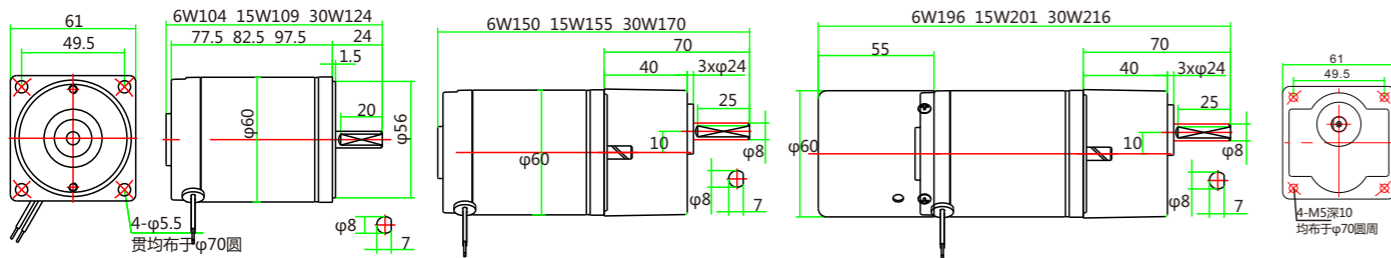
| 项目 Items | |
|-------------------------------|---|
| 绝缘电阻 Insulation resistance | 在常温、常湿度下, 运转电机后, 以DC 500V 电阻表测量线圈、外壳间时, 测量值为20MΩ以上。 In the circumstance of normal ambient temperature and humidity, the resistance can be up to 20 MΩ or more when 500VDC megge is applied between the windings and the frame after rated motor operations . |
| 绝缘电压 Insulation voltage | 在常温、常湿度下电动机额定运行后, 在线圈、外壳间施加一分钟50Hz、1.5KV (三相400V为2KV) 的电压, 亦无异常。 In the circumstance of normal ambient temperature and humidity, there will be no problem to withstand 1.5KV (three phase400V: 2KV) at 50/60Hz between the windings and the frame for 1minute after rated motor operation. |
| 温度上升 Temperature rise | 运转电机后, 用电阻法来测量时, 线圈绕温度的上升数值在80℃以下。 The temperature rise should be lower than 80°C measured by resistance method when the motor is working |
| 绝缘等级 Insulation class | class F级 (180℃) |
| 使用温度 Using temperature | -10℃~±40℃ (无冰冻) No freeze |
| 使用湿度 Using humidity | 85%以下没有结露的场所 Place without dew |

6W-40W □60mm

DC GEAR MOTOR
直流齿轮减速电机



外形尺寸图 Overall dimensions



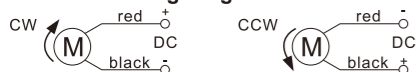
| 圆轴型电机轴 Round shaft motor | 功率 Power | 电压 Voltage | 空载参数 NO-load | | 额定负载功率 Load [ara,eters] | | | 启动转矩 starting torque | |
|-----------------------------|---------------|---------------|-------------------|-----------------|-------------------------|-----------------|------------------|-------------------------|------|
| | | | 转速 Speed r/min | 电流 Current A | 转速 Speed r/min | 电流 Current A | 转矩 Torque N.m | | |
| 2DC | 2DC6-12GN-18 | 6 | 12 | 2200/4200 | 1 max | 1800/3600 | 1.5 | 0.03/0.015 | 0.04 |
| | 2DC6-24GN-18 | 6 | 24 | 2200/4200 | 0.5max | 1800/3600 | 0.6 | 0.03/0.015 | 0.04 |
| | 2DC15-12GN-18 | 15 | 12 | 2200/4200 | 1 max | 1800/3600 | 2.2 | 0.08/0.04 | 0.1 |
| | 2DC15-24GN-18 | 15 | 24 | 2200/4200 | 0.5max | 1800/3600 | 1.1 | 0.08/0.04 | 0.1 |
| | 2DC30-12GN-18 | 30 | 12 | 2200/4200 | 1.6max | 1800/3600 | 3.9 | 0.16/0.08 | 0.2 |
| | 2DC30-24GN-18 | 30 | 24 | 2200/4200 | 0.8max | 1800/3600 | 1.95 | 0.16/0.08 | 0.2 |

电机电压、功率及转速可在配件尺寸等条件下根据客户要求定制。
Motor voltage, power and speed will be customized accrding to his requestment under the allowed circumstance of adoptable dimension.

减速电机容许转矩 Reduction Motor Max Allowable Torque

| 减速比 reduction ratio | 2 2.5 3 3.6 4 5 6 7.5 9 10 12.5 15 18 20 25 30 36 40 50 60 75 90 100 120 150 180 200 250 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|-----|---|---|
| | 转速 r/min | 900 | 720 | 600 | 500 | 450 | 360 | 300 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 50 | 45 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 10 | 9 | 7.5 | 6 | |
| 1800 | 6W 转矩 N.m | 0.07 | 0.08 | 0.09 | 0.11 | 0.13 | 0.16 | 0.19 | 0.24 | 0.29 | 0.32 | 0.4 | 0.48 | 0.57 | 0.64 | 0.8 | 0.96 | 1.15 | 1.27 | 1.59 | 1.91 | 2.38 | 2.87 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 15W 转矩 N.m | 0.17 | 0.21 | 0.24 | 0.29 | 0.33 | 0.4 | 0.48 | 0.6 | 0.72 | 0.8 | 1.0 | 1.19 | 1.43 | 1.59 | 1.99 | 2.39 | 2.87 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 30W 转矩 N.m | 0.33 | 0.41 | 0.48 | 0.57 | 0.66 | 0.8 | 0.96 | 1.19 | 1.43 | 1.59 | 1.99 | 2.39 | 2.87 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 3600 | 6W 转矩 N.m | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.12 | 0.14 | 0.16 | 0.1 | 0.24 | 0.29 | 0.32 | 0.4 | 0.48 | 0.58 | 0.64 | 0.8 | 0.96 | 1.19 | 1.44 | 1.59 | 1.91 | 2.39 | 2.87 | 3 | 3 | 3 | 3 |
| | 15W 转矩 N.m | 0.08 | 0.10 | 0.12 | 0.14 | 0.17 | 0.2 | 0.24 | 0.3 | 0.36 | 0.4 | 0.5 | 0.6 | 0.72 | 0.79 | 0.99 | 1.19 | 1.44 | 1.59 | 1.99 | 2.38 | 2.96 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 30W 转矩 N.m | 0.17 | 0.21 | 0.24 | 0.29 | 0.33 | 0.4 | 0.48 | 0.6 | 0.72 | 0.79 | 1.0 | 1.19 | 1.43 | 1.59 | 1.99 | 2.39 | 2.87 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

电机接线图 Wiring diagram of motor



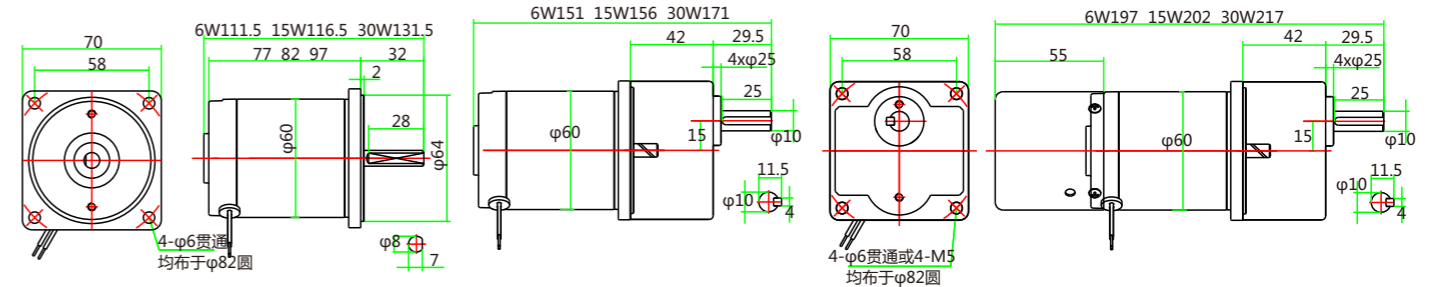
标准引出线长度：300mm±10,型号：UL1015 规格：AWG20；电机引出先长度，型号在配件尺寸等条件下可根据客户需求定制。
Stanclard length of lead wire: 300mm±10,model:UL 1015 tpye:AWG20;lead wire length,model will be customised by dient requestmant under allowed circumstance of adoptable dimension

6W-40W □70mm

DC GEAR MOTOR
直流齿轮减速电机



外形尺寸图 Overall dimensions



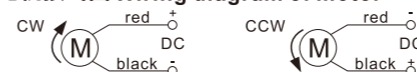
| 圆轴型电机轴 Round shaft motor | 功率 Power | 电压 Voltage | 空载参数 NO-load | | 额定负载功率 Load [ara,eters] | | | 启动转矩 starting torque | |
|-----------------------------|---------------|---------------|-------------------|-----------------|-------------------------|-----------------|------------------|-------------------------|------|
| | | | 转速 Speed r/min | 电流 Current A | 转速 Speed r/min | 电流 Current A | 转矩 Torque N.m | | |
| 3DC | 3DC25-12GN-18 | 25 | 12 | 2200/4200 | 1.0max | 1800/3600 | 3.6 | 0.13/0.065 | 0.16 |
| | 3DC25-24GN-18 | 25 | 24 | 2200/4200 | 0.6max | 1800/3600 | 1.8 | 0.13/0.065 | 0.16 |
| | 3DC40-24GN-18 | 40 | 24 | 2200/4200 | 0.8max | 1800/3600 | 2.5 | 0.21/0.105 | 0.27 |

电机电压、功率及转速可在配件尺寸等条件下根据客户要求定制。
Motor voltage, power and speed will be customized accrding to his requestment under the allowed circumstance of adoptable dimension.

减速电机容许转矩 Reduction Motor Max Allowable Torque

| 减速比 reduction ratio | 2 2.5 3 3.6 4 5 6 7.5 9 10 12.5 15 18 20 25 30 36 40 50 60 75 90 100 120 150 180 200 250 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|----|---|-----|---|
| | 转速 r/min | 900 | 720 | 600 | 500 | 450 | 360 | 300 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 50 | 45 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 10 | 9 | 7.5 | 6 |
| 1800 | 25W 转矩 N.m | 0.28 | 0.35 | 0.4 | 0.48 | 0.55 | 0.66 | 0.8 | 0.99 | 1.19 | 1.33 | 1.66 | 2.0 | 2.38 | 2.65 | 3.32 | 3.98 | 4.78 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | 40W 转矩 N.m | 0.44 | 0.44 | 0.63 | 0.76 | 0.88 | 1.06 | 1.27 | 1.59 | 1.91 | 2.12 | 2.65 | 3.18 | 3.82 | 4.24 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | 3600 | 25W 转矩 N.m | 0.14 | 0.17 | 0.2 | 0.24 | 0.28 | 0.33 | 0.4 | 0.5 | 1.08 | 0.67 | 0.83 | 1.0 | 1.19 | 1.33 | 1.66 | 1.99 | 2.39 | 2.67 | 3.32 | 3.98 | 4.96 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 3600 | 40W 转矩 N.m | 0.22 | 0.28 | 0.32 | 0.38 | 0.44 | 0.53 | 0.64 | 0.8 | 0.96 | 1.06 | 1.33 | 1.59 | 1.91 | 2.12 | 2.66 | 3.19 | 3.82 | 4.25 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

电机接线图 Wiring diagram of motor



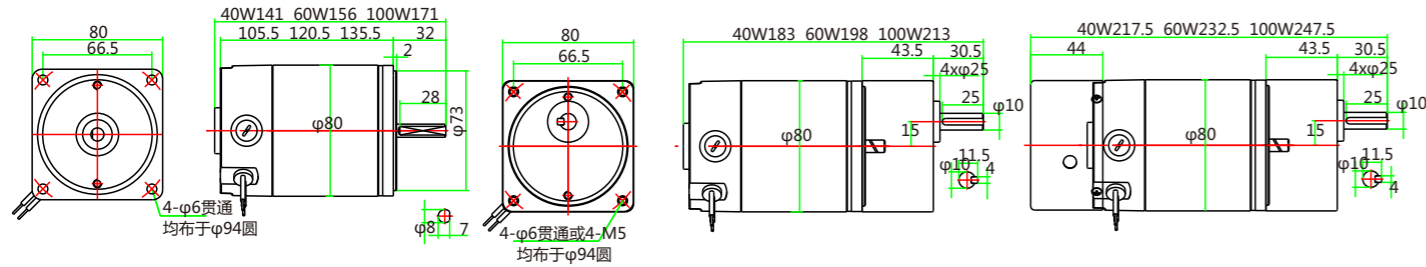
标准引出线长度：300mm±10,型号：UL1015 规格：AWG20；电机引出先长度，型号在配件尺寸等条件下可根据客户需求定制。
Stanclard length of lead wire: 300mm±10,model:UL 1015 tpye:AWG20;lead wire length,model will be customised by dient requestmant under allowed circumstance of adoptable dimension

40W-120W □ 80mm

DC GEAR MOTOR 直流齿轮减速电机



外形尺寸图 Overall dimensions



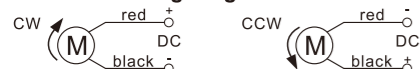
| 圆轴型电机轴 Round shaft motor | 功率 Power | 电压 Voltage | 空载参数 NO-load | | 额定负载功率 Load [ara,eters] | | | 启动转矩 starting torque | |
|-----------------------------|----------------|---------------|-------------------|-----------------|-------------------------|-----------------|------------------|-------------------------|-----|
| | | | 转速 Speed r/min | 电流 Current A | 转速 Speed r/min | 电流 Current A | 转矩 Torque N.m | | |
| 4DC | 4DC40-12GN-18 | 40 | 12 | 2300 | 2.0max | 1800 | 5.0 | 0.21 | 0.3 |
| | 4DC40-24GN-18 | 40 | 24 | 2300 | 0.8max | 1800 | 2.5 | 0.21 | 0.3 |
| | 4DC100-24GN-18 | 100 | 24 | 2300 | 1.0max | 1800 | 6.5 | 0.53 | 0.7 |

电机电压、功率及转速可在配件尺寸等条件下根据客户要求定制。
Motor voltage, power and speed will be customized according to his requestment under the allowed circumstance of adoptable dimension.

减速电机容许转矩 Reduction Motor Max Allowable Torque

| 减速比 reduction ratio | 2 2.5 3 3.6 4 5 6 7.5 9 10 12.5 15 18 20 25 30 36 40 50 60 75 90 100 120 150 180 200 250 300 400 500 600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|----|----|----|----|---|-----|---|-----|-----|---|
| | 转速 r/min | 900 | 720 | 600 | 500 | 450 | 360 | 300 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 50 | 45 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 10 | 9 | 7.5 | 6 | 4.5 | 3.6 | 3 |
| 1800 | 40W 转矩 N.m | 0.44 | 0.55 | 0.63 | 0.76 | 0.88 | 1.06 | 1.27 | 1.59 | 1.91 | 2.12 | 2.65 | 3.18 | 3.82 | 4.24 | 5.31 | 6.37 | 7.64 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 100W 转矩 N.m | 1.1 | 1.38 | 1.59 | 1.91 | 2.21 | 2.65 | 3.18 | 3.98 | 4.78 | 5.31 | 6.63 | 7.96 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 3600 | 40W 转矩 N.m | 0.22 | 0.28 | 0.32 | 0.38 | 0.44 | 0.53 | 0.64 | 0.8 | 0.96 | 1.06 | 1.33 | 1.59 | 1.91 | 2.12 | 2.66 | 3.19 | 3.82 | 4.25 | 5.3 | 6.35 | 7.95 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 100W 转矩 N.m | 0.55 | 0.69 | 0.8 | 0.96 | 1.11 | 1.33 | 1.59 | 1.99 | 2.39 | 2.66 | 3.32 | 3.98 | 4.78 | 5.3 | 6.65 | 7.95 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

电机接线图 Wiring diagram of motor



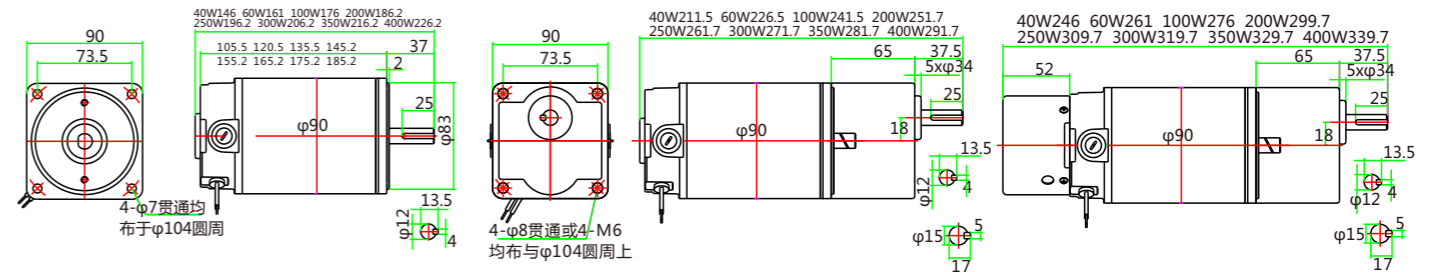
标准引出线长度：300mm±10,型号：UL1015 规格：AWG20；电机引出先长度，型号在配件尺寸等条件下可根据客户需求定制。
Standard length of lead wire: 300mm±10,model:UL 1015 tpye:AWG20;lead wire length,model will be customerised by dient requestmant under allowed circumstance of adoptable dimension

40W-450W □ 90mm

DC GEAR MOTOR 直流齿轮减速电机



外形尺寸图 Overall dimensions



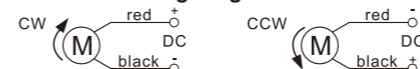
| 圆轴型电机轴 Round shaft motor | 功率 Power | 电压 Voltage | 空载参数 NO-load | | 额定负载功率 Load [ara,eters] | | | 启动转矩 starting torque | |
|-----------------------------|-----------------|---------------|-------------------|-----------------|-------------------------|-----------------|------------------|-------------------------|-----|
| | | | 转速 Speed r/min | 电流 Current A | 转速 Speed r/min | 电流 Current A | 转矩 Torque N.m | | |
| 5DC | 5DC120-12GU-18 | 120 | 12 | 2300 | 2.0max | 1800 | 13.3 | 0.64 | 0.8 |
| | 5DC120-24GU-18 | 120 | 24 | 2300 | 1.0max | 1800 | 6.7 | 0.64 | 0.8 |
| | 5DC120-90GU-18 | 120 | 90 | 2300 | 0.3max | 1800 | 1.8 | 0.64 | 0.8 |
| | 5DC250-24GU-18 | 250 | 24 | 2300 | 2.0max | 1800 | 14 | 1.33 | 1.7 |
| | 5DC250-90GU-18 | 250 | 90 | 2300 | 0.2max | 1800 | 3.7 | 1.33 | 1.7 |
| | 5DC250-220GU-18 | 250 | 220 | 2300 | 0.2max | 1800 | 1.5 | 1.33 | 1.7 |
| 5DC450-220GU-18 | 450 | 220 | 2300 | 0.6max | 1800 | 2.7 | 2.39 | 3 | |

电机电压、功率及转速可在配件尺寸等条件下根据客户要求定制。
Motor voltage, power and speed will be customized according to his requestment under the allowed circumstance of adoptable dimension.

减速电机容许转矩 Reduction Motor Max Allowable Torque

| 减速比 reduction ratio | 2 2.5 3 3.6 4 5 6 7.5 9 10 12.5 15 18 20 25 30 36 40 50 60 75 90 100 120 150 180 200 250 300 400 500 600 750 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|-----|----|-----|-----|----|-----|
| | 转速 r/min | 900 | 720 | 600 | 500 | 450 | 360 | 300 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 50 | 45 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 10 | 9 | 7.5 | 6 | 4.5 | 3.6 | 3 | 2.4 |
| 1800 | 120W 转矩 N.m | 1.33 | 1.66 | 1.91 | 2.29 | 2.65 | 3.18 | 3.82 | 4.78 | 5.73 | 6.37 | 7.96 | 9.55 | 11.5 | 12.7 | 15.9 | 19.1 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | 250W 转矩 N.m | 2.76 | 3.45 | 3.98 | 4.78 | 5.53 | 6.63 | 7.96 | 9.95 | 11.9 | 13.3 | 16.6 | 19.9 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | 450W 转矩 N.m | 4.98 | 6.22 | 7.16 | 8.60 | 9.95 | 11.9 | 14.3 | 17.9 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 3600 | 120W 转矩 N.m | 0.66 | 0.83 | 0.96 | 1.15 | 1.33 | 1.59 | 1.91 | 2.39 | 2.87 | 3.19 | 3.98 | 4.78 | 5.75 | 6.35 | 7.95 | 9.55 | 11.5 | 12.8 | 15.9 | 19.1 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | 250W 转矩 N.m | 1.38 | 1.73 | 1.99 | 2.39 | 2.76 | 3.32 | 3.98 | 4.98 | 5.95 | 6.65 | 8.3 | 9.95 | 11.6 | 13.3 | 16.6 | 19.9 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | 450W 转矩 N.m | 2.49 | 3.11 | 3.58 | 4.3 | 4.98 | 5.95 | 7.15 | 8.95 | 10.8 | 12 | 14.9 | 17.9 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

电机接线图 Wiring diagram of motor



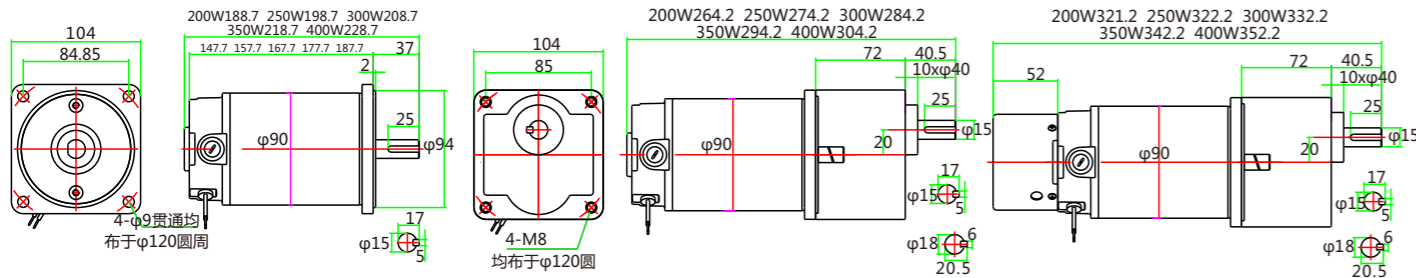
标准引出线长度：300mm±10,型号：UL1015 规格：AWG20；电机引出先长度，型号在配件尺寸等条件下可根据客户需求定制。
Standard length of lead wire: 300mm±10,model:UL 1015 tpye:AWG20;lead wire length,model will be customerised by dient requestmant under allowed circumstance of adoptable dimension

160W-450W □104mm

DC GEAR MOTOR 直流齿轮减速电机



外形尺寸图 Overall dimensions



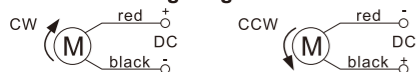
| 圆轴型电机轴 Round shaft motor | 功率 Power | 电压 Voltage | 空载参数 NO-load | | 额定负载功率 Load [parameters] | | | 启动转矩 starting torque | |
|-----------------------------|-----------------|---------------|-------------------|-----------------|--------------------------|-----------------|------------------|-------------------------|-----|
| | | | 转速 Speed r/min | 电流 Current A | 转速 Speed r/min | 电流 Current A | 转矩 Torque N.m | | |
| 6DC | 6DC250-12GU-18 | 250 | 12 | 2300 | 3.0max | 1800 | 28 | 1.33 | 1.7 |
| | 6DC250-24GU-18 | 250 | 24 | 2300 | 1.5max | 1800 | 14 | 1.33 | 1.7 |
| | 6DC250-90GU-18 | 250 | 90 | 2300 | 0.2max | 1800 | 3.7 | 1.33 | 1.7 |
| | 6DC450-220GU-18 | 450 | 220 | 2300 | 0.6max | 1800 | 2.7 | 2.39 | 3 |

电机电压、功率及转速可在配件尺寸等条件下根据客户要求定制。
Motor voltage, power and speed will be customized according to his request under the allowed circumstance of adoptable dimension.

减速电机容许转矩 Reduction Motor Max Allowable Torque

| 减速比 reduction ratio | 容许转矩 (N.m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 | | |
| 1800 | 转速 r/min | 900 | 720 | 600 | 500 | 450 | 360 | 300 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 50 | 45 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 10 | 9 | 7.5 | 6 | 4.5 | 3.6 | 3 | 2.4 | |
| | 250W 转矩 N.m | 2.76 | 3.45 | 3.98 | 4.78 | 5.53 | 6.63 | 7.96 | 9.95 | 11.9 | 13.3 | 16.6 | 19.9 | 23.9 | 26.5 | 33.2 | 39.8 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| 3600 | 转速 r/min | 1800 | 1440 | 1200 | 1000 | 900 | 720 | 600 | 480 | 400 | 360 | 288 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 48 | 40 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 9 | 7.2 | 6 | 4.8 | |
| | 250W 转矩 N.m | 1.38 | 1.73 | 1.99 | 2.39 | 2.76 | 3.32 | 3.98 | 4.98 | 5.95 | 6.65 | 8.3 | 9.95 | 11.6 | 13.3 | 16.6 | 19.9 | 23.9 | 26.6 | 33.2 | 39.8 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |
| | 转速 r/min | 1800 | 1440 | 1200 | 1000 | 900 | 720 | 600 | 480 | 400 | 360 | 288 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 48 | 40 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 9 | 7.2 | 6 | 4.8 | |
| | 450W 转矩 N.m | 2.49 | 3.11 | 3.58 | 4.3 | 4.98 | 5.95 | 7.15 | 8.95 | 10.8 | 12 | 14.9 | 17.9 | 21.5 | 23.9 | 29.9 | 35.8 | 43 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 |

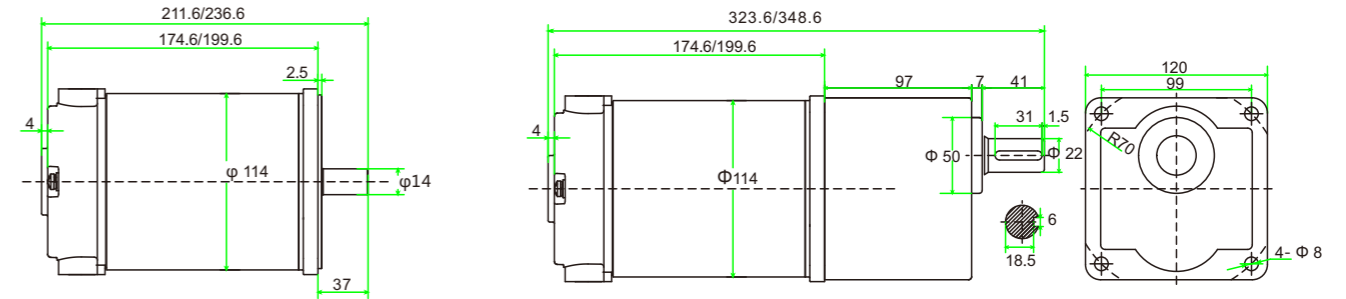
电机接线图 Wiring diagram of motor



标准引出线长度：300mm±10,型号：UL1015 规格：AWG20；电机引出线长度，型号在配件尺寸等条件下可根据客户要求定制。
Standard length of lead wire: 300mm±10, model: UL1015 type: AWG20; lead wire length, model will be customerised by client request under allowed circumstance of adoptable dimension

550-750W □120mm

DC GEAR MOTOR 直流齿轮减速电机



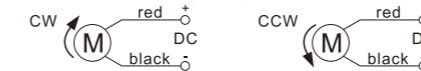
| 圆轴型电机轴 Round shaft motor | 功率 Power | 电压 Voltage | 空载参数NO-load | | | | | 启动转矩 Starting Torque N.m |
|-----------------------------|-------------|---------------|-------------------|-----------------|------------------|-----------------|------------------|-----------------------------|
| | | | 转速 Speed r/min | 电流 Current A | 转矩 Torque N.m | 电流 Current A | 转矩 Torque N.m | |
| 7DC | ZY114S-120 | 24 | 2300 | 2.3max | 1800 | 28 | 2.92 | 3.65 |
| | | 220 | | | | | | |
| | ZY114M-120 | 24 | 2300 | 2.5max | 1800 | 32 | 3.18 | 4 |
| | | 220 | | | | | | |
| ZY114L-120 | 24 | 2300 | 3max | 1800 | 39 | 3.98 | 5 | |
| | 220 | | | | | | | 1.4max |

电机电压、功率及转速可在配件尺寸等条件下根据客户要求定制。
Motor voltage, power and speed will be customized according to his request under the allowed circumstance of adoptable dimension.

减速电机容许转矩 Reduction Motor Max Allowable Torque

| 减速比 reduction ratio | 容许转矩 (N.m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 2 | 2.5 | 3 | 3.6 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | 500 | 600 | 750 | |
| 1800 | 转速 r/min | 900 | 720 | 600 | 500 | 450 | 360 | 300 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 50 | 45 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 10 | 9 | 7.2 | 6 | 4.5 | 3.6 | 3 | 2.4 |
| | 550W 转矩 N.m | 6 | 7.6 | 8.8 | 10.5 | 11.7 | 14.6 | 17.5 | 21.9 | 26.3 | 29.2 | 36.5 | 43.8 | 52.5 | 58.4 | 73.0 | 87.5 | 105.1 | 116.7 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| | 转速 r/min | 1800 | 1440 | 1200 | 1000 | 900 | 720 | 600 | 480 | 400 | 360 | 288 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 48 | 40 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 9 | 7.2 | 6 | 4.8 |
| | 600W 转矩 N.m | 6.6 | 8.3 | 9.6 | 11.5 | 12.7 | 15.9 | 19.1 | 23.9 | 28.7 | 31.8 | 39.8 | 47.8 | 57.3 | 63.7 | 79.6 | 95.5 | 114.6 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| | 转速 r/min | 1800 | 1440 | 1200 | 1000 | 900 | 720 | 600 | 480 | 400 | 360 | 288 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 48 | 40 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 9 | 7.2 | 6 | 4.8 |
| | 750W 转矩 N.m | 8.3 | 10.4 | 11.9 | 14.3 | 15.9 | 19.9 | 23.9 | 29.8 | 35.8 | 39.8 | 49.7 | 59.7 | 71.6 | 79.6 | 99.5 | 119.4 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |

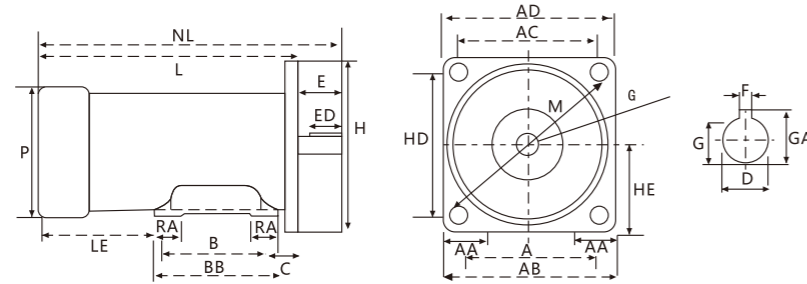
电机接线图 Wiring diagram of motor



标准引出线长度：300mm±10,型号：UL1015 规格：AWG20；电机引出线长度，型号在配件尺寸等条件下可根据客户要求定制。
Standard length of lead wire: 300mm±10, model: UL1015 type: AWG20; lead wire length, model will be customerised by client request under allowed circumstance of adoptable dimension



外形尺寸图 Overall dimensions



技术参数 Technical parameters

| 输出 Power | 额定转速 Rated speed | 外型尺寸 (mm) Overall dimensions(mm) | | | | | | | 轴端尺寸 (mm) Output shaft dimensions(mm) | | | | | | |
|-------------|---------------------|-------------------------------------|-----|-----|-------|-----|----|-----|--|----|----|------|------|---|-----|
| | | AC | AD | L | NL | H | HE | M | E | ED | D | G | GA | F | P |
| 370W | 1800 | 110 | 160 | 241 | 264 | 139 | 86 | 155 | 53 | 45 | 16 | 13 | 18 | 5 | 130 |
| 500W | 1800 | 110 | 160 | 269 | 323 | 139 | 88 | 155 | 53 | 45 | 16 | 13 | 18 | 5 | 130 |
| 750W | 1800 | 130 | 138 | 316 | 359.5 | 139 | 88 | 155 | 43.5 | 35 | 19 | 15.5 | 21.5 | 6 | 130 |

直流电机调速器用于直流永磁电机，直流并励，他励，复励电机，伺服直流电机等多种直流马达上，用于对电机运动速度，运动位置进行精细调节和控制的传动装置。

该系列1HP直流马达调速器采用PWM脉宽调制技术/可控硅来控制输出电压大小及稳定度。由于调制频率高，故能在输出电压很低的情况下，亦能使直流电机实现低噪声、平滑的运行。本机还具有完备的保护功能；如过流，短路，电压（外部输入电压低于160VAC）保护。延时启动时间可调，缓降时间可调，电流补偿并可以实现正反转和联动控制等功能。

主要指标：

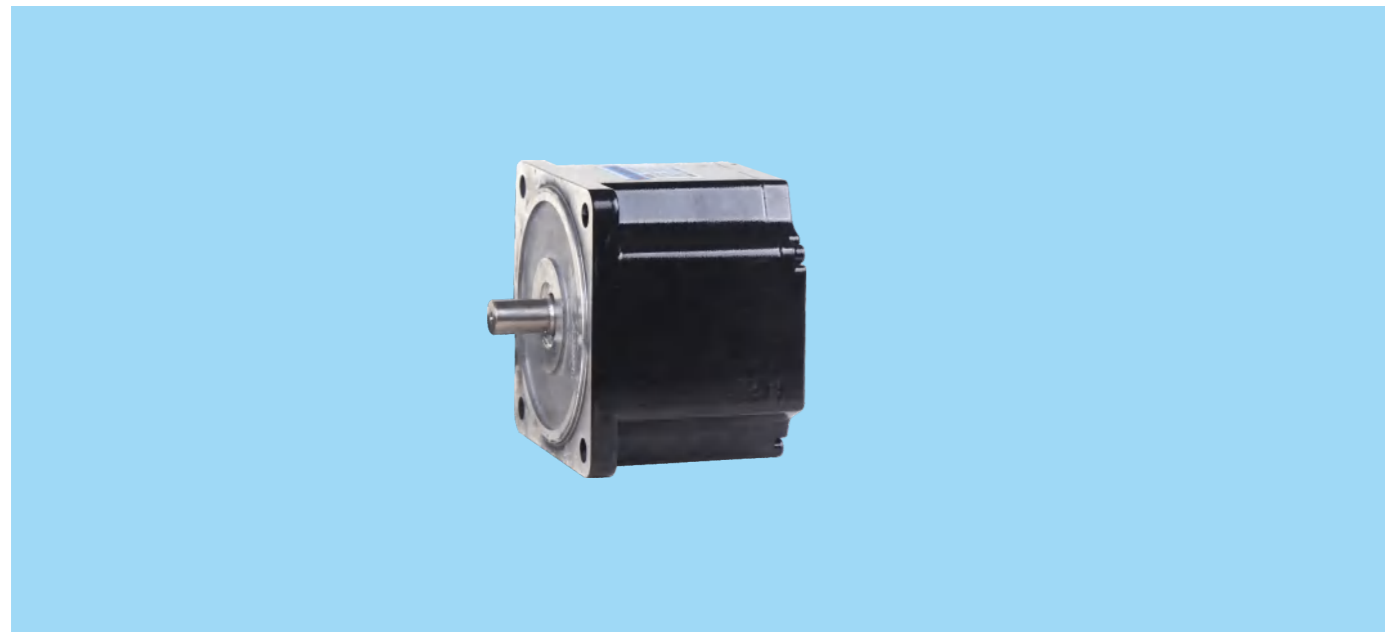
工作电压：AC220V/56-60HZ 输出电枢电压：0-200VDC 输出电枢电流：6A 输出励磁电压：180VDC 输出励磁电流：1A

使用环境温度：-20~+50C.尺寸L*W*H 165*155*275mm

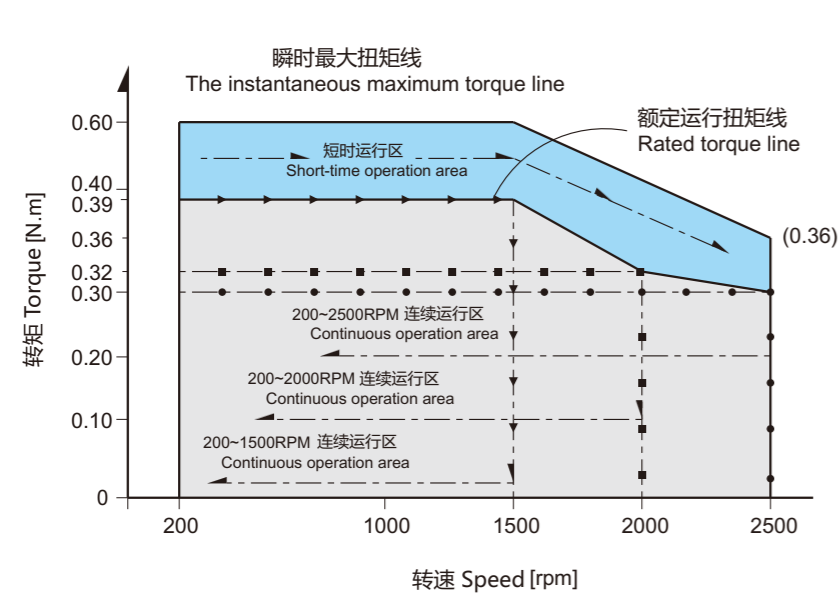
调节参数：输出电压整定，电流限制，缓冲启动时间，零电流整定，电流补偿。

| 直流电机调速器主要技术参数 | | | | | |
|---------------|-----------------------|----------|----------|----------|----------|
| 型号 | DC50W-120W | ZD11B | ZD12B | ZD13B | ZD15B |
| 输入电压 | 220W±10% | 220W±10% | 220W±10% | 220W±10% | 220W±10% |
| 额定容量 | 0.4KVA | 0.7KVA | 1.5KVA | 2.2KVA | 3.7KVA |
| 额定电流 | L:90V 4.5A | 8.5A | - | - | - |
| | H:190V 2.5A | 4.8A | 9.5A | 13.5A | 23.5A |
| 输出电压 | 0V-90VDC/0V-190VDC可调整 | | | | |
| 适用电动机 | 1/2HP | 1HP | 2HP | 3HP | 5HP |

直流无刷减速电机 DC BRUSHLESS GEAR MOTOR



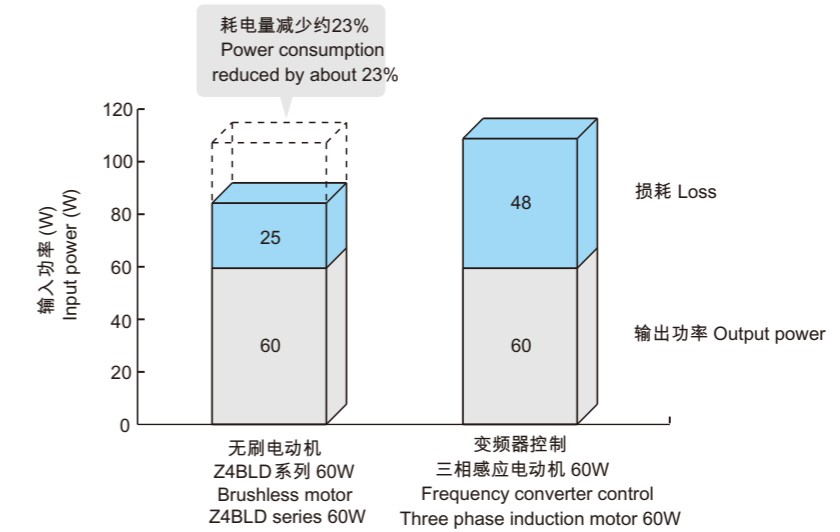
无刷直流电机特性曲线说明 Description Of Brushless DC Motor Characteristic Curve



- **瞬时最大扭矩线**：电机启动、瞬间冲击负载的最大扭矩；超越此转矩值时，会引起驱动器的过流保护，造成停机；
- **短时运行区**：电机不同转速时，可在此力矩区间内短时运行，时间过长易引起电机发热，从而造成烧机或驱动过热保护启动，造成停机；
- **额定运行扭矩线**：电机在不同转速下的额定力矩，可在此力矩下长时间运行；
- **连续运转区**：在不同转速时，电机在此相应区间内连续运行；
- **The maximum of instaneeous torque line**: the motor starting the maximum torque of motor, instantaneous impact load; beyond the torque value, over-current protection will lead to stop.
- **Short-term running area**: when the motor at different speed, it can operate in a short time during this torque range. but after a long time it can cause heating of the motor, resulting motor break or drive overheat protection start, cause stopping working.
- **Rated torque Rated torque of the motor line**: at different speeds, the motor can run for a long time in this moment;
- **In Continuous operation area**: at different speed, the motor can operate continuous.

有助于节能 Saving Energy

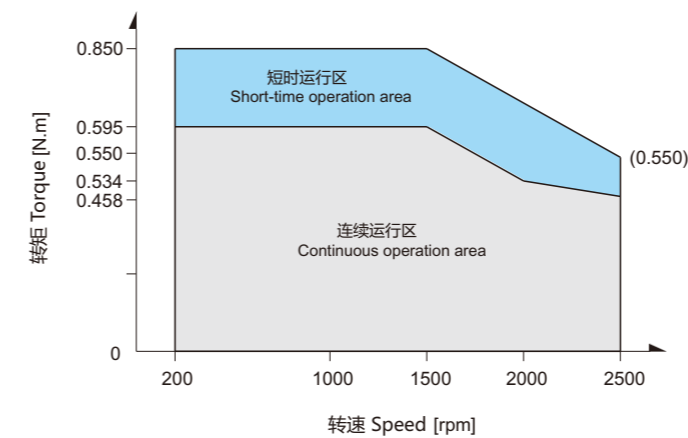
无刷电动机的转子使用了永磁铁，可减少转子的二次损耗，因此与采用变频控制的三相感应电动机相比，耗电量减少约23%，有助于装置的节能。
DC Brushless motor used permanent magnets, it can reduce the secondary loss of rotor. So compared with adopts frequency conversion control of three-phase induction motor, the power reduced 23%. This is in favour of saving energy



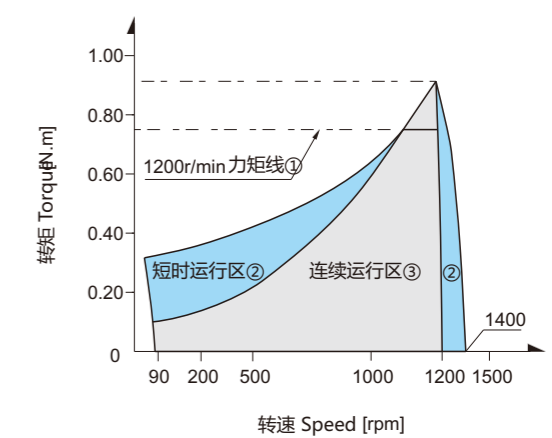
低速大力矩性能 Low Speed And High Torque Performance

无刷直流减速电机低速时可维持大力矩连续运行，且运行平稳。DC brushless motor have a steady big torque when running at low speed.

● Z5BLD120-220GU-25S 曲线图 Diagram
(标准驱动器 Standard Drive)



● 5IK120RGU- CF (220V/50Hz)
(标准驱动器 Standard Drive)



① 1200r/min torque line ② Short-time operating area ③ Continuous operation area

● 无刷、交流调速且连续运行性能一览表 Working performance table of brushless motor and ac speed adjustable motor

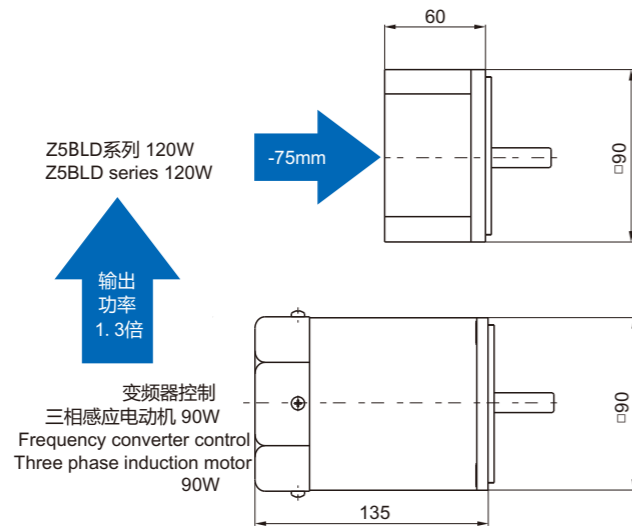
| 序号 Serial Number | Z5BLD120-220GU-25S | | | | | 5IK120RGU- CF | | | | |
|---------------------|---------------------|--------------------|--------------------|-----------------------|-----------------------------|---------------------|--------------------|--------------------|-----------------------|-----------------------------|
| | 力矩 Moment N.m | 转速 Speed rpm | 电流 Current A | 效率 Efficiency % | 温升 Temperature Rise K | 力矩 Moment N.m | 转速 Speed rpm | 电流 Current A | 效率 Efficiency % | 温升 Temperature Rise K |
| 1 | 0.595 | 200 | 0.485 | 26.5 | ≤50K | 0.010 | 200 | 0.850 | 3.00 | ≤80K |
| 2 | 0.595 | 500 | 0.671 | 47.5 | ≤50K | 0.150 | 500 | 1.070 | 8.00 | ≤80K |
| 3 | 0.595 | 1000 | 0.966 | 62.0 | ≤40K | 0.500 | 1000 | 1.186 | 32.5 | ≤80K |
| 4 | 0.595 | 1500 | 1.200 | 69.0 | ≤40K | 0.915 | 1400 | 0.981 | 60.0 | ≤55K |

环境温度 -10°C~+40°C下使用 Ambient temperature -10°C~+40°C environment

■ 薄型、大功率 Thin, High Power

无刷电动机的转子使用永磁体，因此实现了薄型和大功率；比如，与安装尺寸90的三相感应电动机相比总长缩短>75mm，输出功率达到1.3倍。若采用无刷电动机，有助于实现装置的小型化。

Brushless DC motors have a slim body and provide high power due to permanent magnets being used in the rotor. For example, the overall length is 75mm shorter and the output power is 1.3 times higher than that of three-phase induction motors with a frame size of 90mm. Using brushless DC motors can contribute to downsizing and space saving



■ 搭载保护功能，有助于保护设备系统的安全 Protection Function, Help To Protect The Safety Of The Equipment System

由于加载了过流、欠压、缺相等保护功能，因此可保证设备系统运行时的安全。

Due to the load of the overcurrent, undervoltage, open phase protection, for this reason can ensure the safety of equipment system.

■ 电机的一般规格——转速 Motor Spec——Speed

| 电机轴转速 Motor Speed | 出轴转速 Output Shaft Speed | 减速比 Reduction Ratio | | | | | | | | | | | |
|----------------------|----------------------------|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|
| | | 3 | 3.6 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 |
| 200~1500RPM | | 67~500 | 56~417 | 40~300 | 33~250 | 27~200 | 22~167 | 20~150 | 16~120 | 13~100 | 11~83 | 10~75 | 8~60 |
| 2000RPM | | 667 | 556 | 400 | 334 | 267 | 223 | 200 | 160 | 134 | 112 | 100 | 80 |
| 2500RPM | | 833 | 695 | 500 | 417 | 334 | 278 | 250 | 200 | 167 | 139 | 125 | 100 |

| 电机轴转速 Motor Speed | 出轴转速 Output Shaft Speed | 减速比 Reduction Ratio | | | | | | | | | | | |
|----------------------|----------------------------|------------------------|------|------|------|------|------|------|--------|--------|-----|-------|--|
| | | 30 | 36 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | |
| 200~1500RPM | | 7~50 | 6~42 | 4~30 | 3~25 | 3~20 | 2~17 | 2~15 | 2~12.5 | 1.5~10 | 1~8 | 1~7.5 | |
| 2000RPM | | 67 | 56 | 40 | 34 | 27 | 23 | 20 | 17 | 14 | 12 | 10 | |
| 2500RPM | | 84 | 70 | 50 | 42 | 34 | 28 | 25 | 21 | 17 | 14 | 12.5 | |

■ 电机的一般规格——产品种类 Motor Spec——Product Type

| 电动机 Motor | 方形尺寸 Square Size | 输出功率 Output Power | 机型 Model | 驱动器 Driver | 电源电压 Voltage Supply |
|-----------|------------------|-------------------|---|------------|---|
| | 60X60 | 15、25 | 标准型 Standard type IP40 或 Or IP54 | | DC24~48 单相 Single phase 100~120V 单相 Single phase 220~240V |
| | 80X80 | 40、60 | | | |
| | 90X90(GN) | 40、60 | | | |
| | 90X90(GU) | 60、90、120 | | | |
| | 104X104 | 200、400 | | | |

■ 电机的一般规格——基本性能 Motor Spec——Basic Performance

| 项目 | 电动机 | 驱动器 |
|------------------------|--|---|
| 绝缘电阻 (不得将电机与驱动连接状态下测试) | 在常温常湿环境下连续运行后,以DC500V电阻表测试电动机线圈与外壳之间的测量值应在50MΩ以上 | 在常温常湿环境下连续运行后,电源端子与保护接地端子间、电源端子与输入/输出信号端子之间的电阻值以DC500V电阻表测量达50MΩ以上 |
| 绝缘耐压 (不得将电机与驱动连接状态下测试) | 在常温常湿环境下连续运行后,线圈、外壳间以50Hz、AC1.5kv施加1分钟无异常,泄漏电流<10mA | 在常温常湿环境下连续运行后,电源端子与保护接地端子间以50Hz、AC1.5Kv,电源端子与输入/输出信号端子之间以50Hz、AC1.5Kv施加1分钟无异常 |
| 温度上升 | 在常温常湿环境下连续运行后,以热电偶法测量的线圈温度上升值在55°C以下、测量外壳表面温度上升值在40°C以下① | 在常温常湿环境下连续运行后,以热电偶法测量的铝质散热板温度上升值在50°C以下 |
| 使用环境 | 环境温度 | -10°C~+40°C (无结冰) |
| | 环境湿度 | 85% 以下 (无凝霜) |
| | 海拔高度 | 1000m以下 |
| | 介质环境 | 无腐蚀性气体、尘埃;不可在含有放射性物质、磁场及真空等特殊环境中使用 |
| | 振动 | 不可施加连续振动或过度冲击 |
| 保存环境② | 环境温度 | -10°C ~+40°C (无结冰) |
| | 环境湿度 | 85% 以下 (无凝霜) |
| | 海拔高度 | 1000m 以下 |
| 耐热等级 | B级 | / |
| 保护等级 | Ip40 & IP54 | IP20 |

①为了使电动机外壳表面温度能保持在90°C以下,需将电动机安装在以下尺寸的散热板(材质:铝)上;25W:115X115X厚度5、60W:135X135X厚度5、120W:165X165X厚度5、200W:200X200X厚度5。(单位:mm)

②保护环境也包括运输途中的短期值。

| Project Item | Motor | Driver |
|--|--|---|
| Insulation resistance (No motor and drive connection state test) | 50MΩ or more when 500VDC megger is applied between the windings and the case after continuous operation under normal ambient temperature and humidity | 50MΩ or more when 500VDC megger is applied between the power supply terminal and the protective earth terminal and between the power supply terminal and the I/O signal terminal after continuous operation under normal ambient temperature and humidity |
| Insulation resistance (No motor and drive connection state test) | Sufficient to withstand 1.5kvAC at 50Hz applied between the windings and the case for 1 minute after continuous operation under normal ambient temperature and humidity | Sufficient to withstand 1.5kvAC at 50Hz applied between the power supply terminal and the protective earth terminal and the I/O signal terminal for 1 minute after continuous operation under normal ambient temperature and humidity |
| Temperature rise | The temperature rise of windings is 55°C max, and that of the case surface is 40°C max, measured by the thermocouple method after rated continuous operation under normal ambient temperature and humidity | The temperature of the heat sink is 50°C max, measured by the thermocouple method after rated continuous operation under normal ambient temperature and humidity |
| Use environment | Ambient temperature | -10°C~+40°C (Non-freezing) |
| | Ambient humidity | 85% or less (No -condensing) |
| | Altitude | 1000m following |
| | Medium environment | Non corrosive gas, dust; can not be used in a special environment containing radioactive substances, magnetic fields and vacuum, etc |
| | Vibration | Not to exert a continuous vibration or excessive impact |
| Save environment② | Ambient temperature | -10°C ~+40°C (Non-freezing) |
| | Ambient humidity | 85% or less (No -condensing) |
| | Altitude | 1000m following |
| Heat resistance grade | B stage | / |
| Protection level | IP40 & IP54 | IP20 |

① In order to make the motor shell surface temperature can be maintained below 90°C, the motor installed in the following dimensions of the radiating plate (Material: aluminum); thickness of 25W: 115X115X5, the thickness of the 60W: 135X135X5, the thickness of the 120W : 165X165X5, the thickness of the 200W: 200X200X5. (Unit: mm)

② The storage condition applies to a short period such as a period during transportation.

型号阅读方法 PRODUCT CODE

电动机 Motor

Z 5 BLD 90 -202 GN(L) - 25S - M
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

| | | | | | |
|---|--|---|-------|-------|---------|
| ① | 无刷电机 BLDC | | | | |
| ② | 型号尺寸 Model & Dimension | | | | |
| | 座机号 Code | 2 | 4 | 5 | 6 |
| | 电机安装法兰 Mounting flange mm | □60 | □80 | □90 | □104 |
| | 机壳尺寸 Case dimension | 60*60 | 80*80 | 90*90 | 104*104 |
| ③ | 电机种类 Motor type | BLD: 无刷直流电机 BLD: DC Brushless gear motor | | | |
| ④ | 输出功率(W) Output power (W) | (例.e.g) 90: 90W | | | |
| ⑤ | 电源电压 Voltage | (例.e.g) 24: 24VDC (可选电压24V~48VDC, 单相100V~120V AC, 单相220V~240V AC, 50/60Hz) 24: 24VDC (Optional voltage 24V~48VDC, single phase 100V~120V AC, single phase 220V~240V AC, 50/60Hz) | | | |
| ⑥ | 相对于方型减速箱 Relative to square type gear box: | | | | |
| | 齿轴形状 Motor shaft type | GNGN型齿轮轴 GN type gear shaft GU: GU型齿轮轴 GU type gear shaft | | | |
| | 相对于L型减速箱 L type gearbox: | | | | |
| ⑥ | 齿轴形状 Shaft shape | GNIGN型L系列齿轮轴 (主要为2&4系列) Type L GN series gear shaft (Mainly for 2 & 4 series) GULGU型L系列齿轮轴 (主要为5&6系列) Type L GU series gear shaft (Mainly for 5 & 6 series) | | | |
| | 光电轴出轴形状 Shape of the output shaft: | | | | |
| | A: 圆轴型 Circular shaft type | A1: 键槽型 Keyway type | | | |
| ⑦ | 电机转速 Motor speed | (例.e.g) 25S: 2500RPM 低压时为30S Low voltage for 30S | | | |
| ⑧ | 电机附加配件 M: 电磁刹车器 BFE: 闭环反馈方式, 一般指电机增加编码器 (包括简易型霍尔编码器) Motor parts M: Electromagnetic brake BFE: Closed loop feedback mode, generally refers to the motor to increase the encoder (Including the simple holzer encoder) | | | | |

方型减速器 Square Shape Gearbox

5 GN 05 K
① ② ③ ④

| | | |
|---|-----------------------------|---|
| ① | 减速机安装尺寸 Gearhead frame size | 2: 60mm 4: 80mm 5: 90mm 6: 104mm |
| ② | 类型 Gear type | GN: GN 型齿轮 GN type gear GU: GU 型齿轮轴 GU type gear |
| ③ | 减速比 Gear ratio | (例.e.g) 50: 减速比 50: Reduction ratio |
| ④ | 轴承种类 Bearing type | K: 滚珠轴承 (对GU型方箱体标注为KB) K: Ball bearing (On the GU type square box marked as KB) |

L型减速器 L Type Gearbox

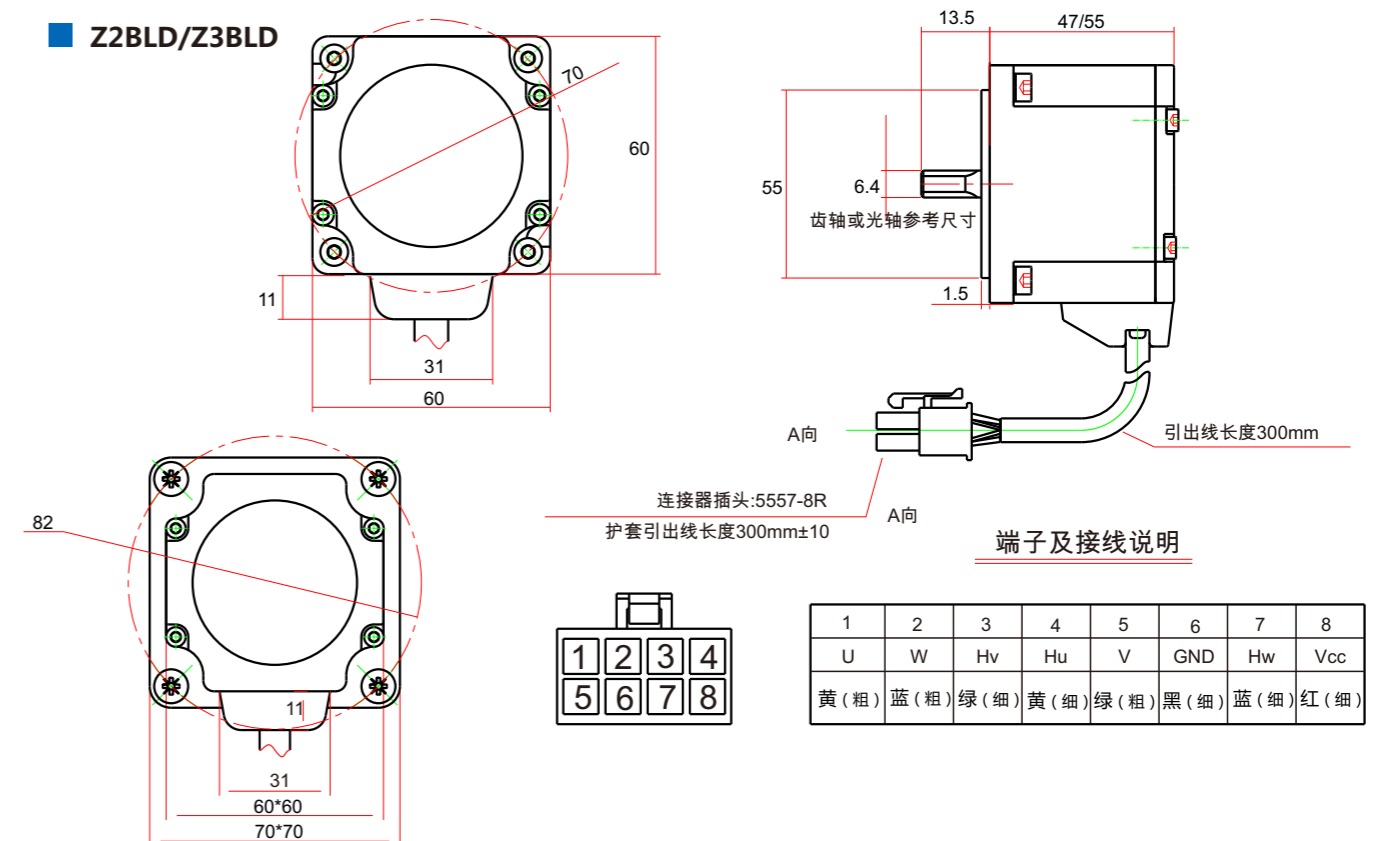
5 GU 05 LC
① ② ③ ④

| | | |
|---|-----------------------------|--|
| ① | 减速机安装尺寸 Gearhead frame size | 2: 60mm 4: 80mm 5: 90mm 6: 104mm |
| ② | 类型 Gear type | GN: GN 型齿轮轴 (针对L系列2&4) Type GN gear shaft (For L series 2 & 4) GU: GU型齿轮轴 (针对L系列5&6) Type GU gear shaft (For L series 5 & 6) |
| ③ | 减速比 Gear ratio | (例.e.g) 50: 减速比 50: Reduction ratio |
| ④ | 减速箱类型 Bearing type | LC: L型空心轴输出减速器 L type hollow shaft output reducer RC: 弧锥齿空心轴输出 Hollow shaft output of spiral bevel gear RT: 弧锥齿实心轴输出 Solid shaft output of spiral bevel gear |

60/60-70系列直流无刷减速电机 60/60-70 SERIES OF BRUSHLESS MOTOR

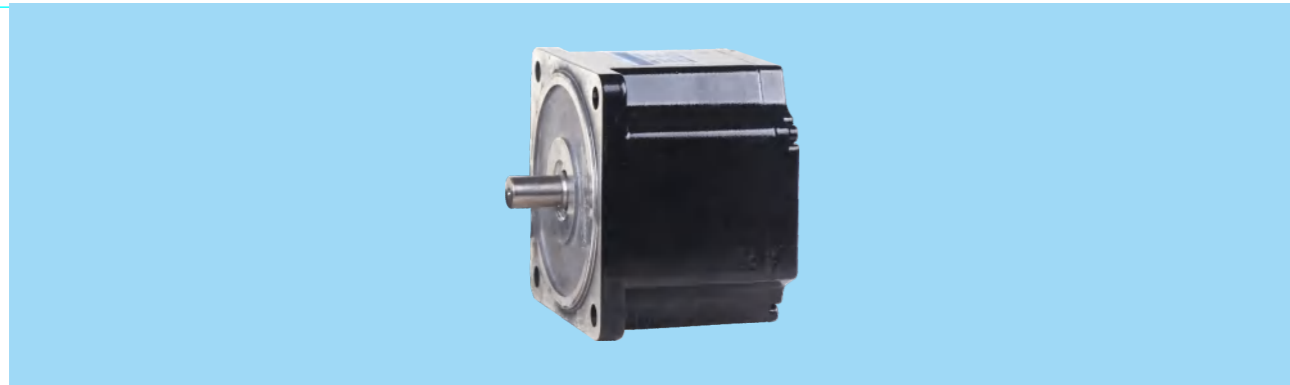


Z2BLD/Z3BLD

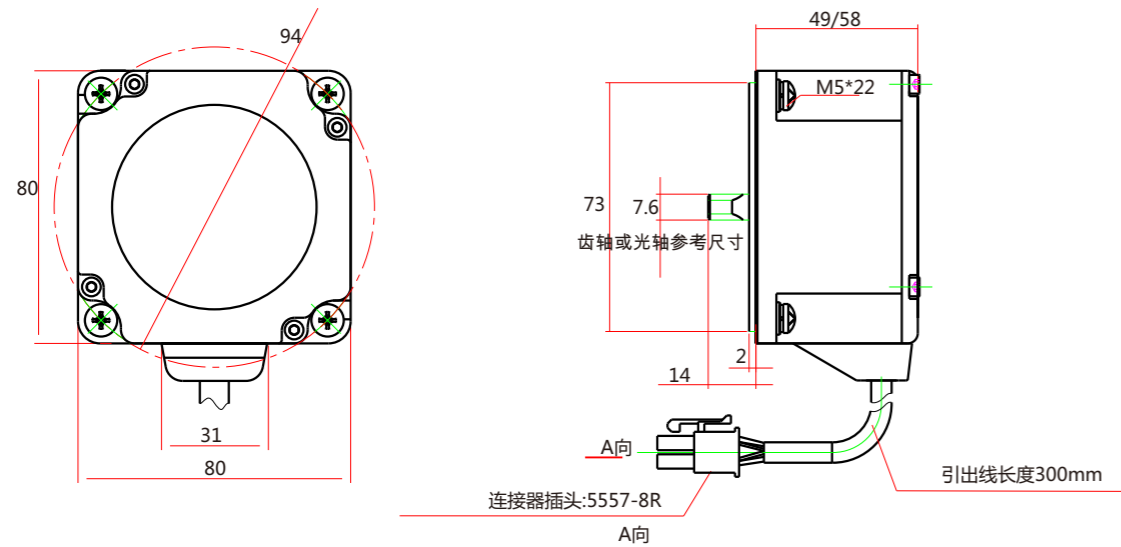


| 电机基本性能参数表 | | | |
|-----------|----------------|--------|------------------|
| 型号 | Z2BLD | 电气强度 | 660V/S |
| 额定电压 | 24-48V | 绝缘等级 | B |
| 额定功率 | 10-60W | 防护等级 | Ip20 |
| 额定电流 | 0.8-2.5A(±10%) | 使用环境温度 | -10°C ~ +40°C |
| 额定转速 | 3000rpm±10% | | |
| 额定力矩 | 0.03-0.1N.m | | |
| 空载电流 | | | |
| 空载转速 | 3700rpm±10% | | |
| 工作制 | S1 | | |
| 绝缘电阻 | > 20MΩ | | |
| 寿命 | > 5000h | 噪音 | <60dB (A) L=40CM |

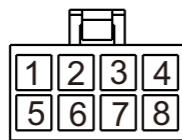
80系列直流无刷减速电机 80 SERIES OF BRUSHLESS DC MOTOR



Z4BLD



端子及接线说明

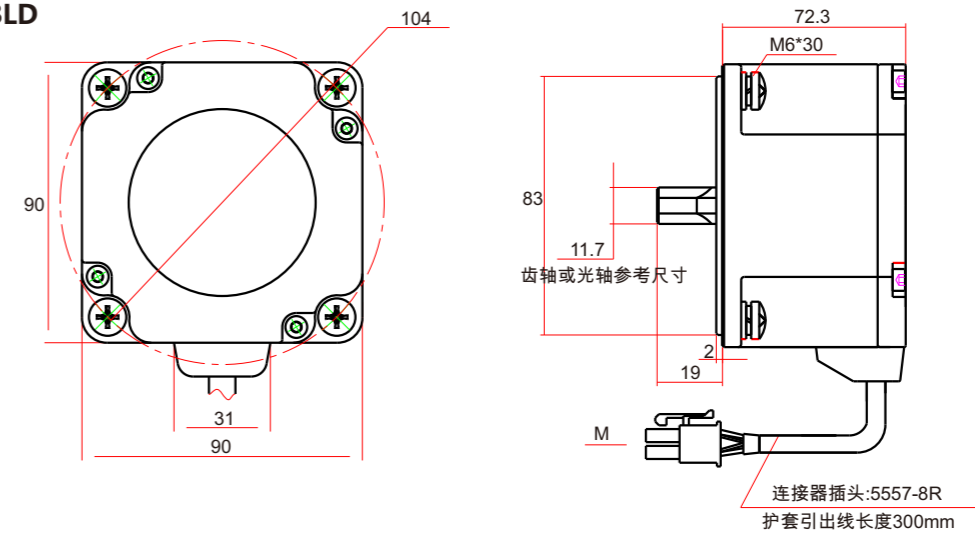


| | | | | | | | |
|------|------|------|------|------|------|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| U | W | Hv | Hu | V | GND | Hw | Vcc |
| 黄(粗) | 蓝(粗) | 绿(细) | 黄(细) | 绿(粗) | 黑(细) | 蓝(细) | 红(细) |

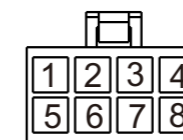
90系列直流无刷减速电机 90 SERIES OF BRUSHLESS DC MOTOR



Z5BLD



端子及接线说明



| | | | | | | | |
|------|------|------|------|------|------|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| U | W | Hv | Hu | V | GND | Hw | Vcc |
| 黄(粗) | 蓝(粗) | 绿(细) | 黄(细) | 绿(粗) | 黑(细) | 蓝(细) | 红(细) |

电机基本性能参数表

| | | | |
|------|--------------|--------|-------------------|
| 型号 | Z4BLD | 电气强度 | 660V/S |
| 额定电压 | 24-48V | 绝缘等级 | B |
| 额定功率 | 50-120W | 防护等级 | Ip20 |
| 额定电流 | 1.2-3.8A | 使用环境温度 | -10°C ~ +40°C |
| 额定转速 | 3000rpm±10% | | |
| 额定力矩 | 0.16-0.25N.m | | |
| 空载电流 | | | |
| 空载转速 | 3800rpm±10% | | |
| 工作制 | S1 | | |
| 绝缘电阻 | > 20MΩ | | |
| 寿命 | > 5000h | 噪音 | < 60dB (A) L=40CM |

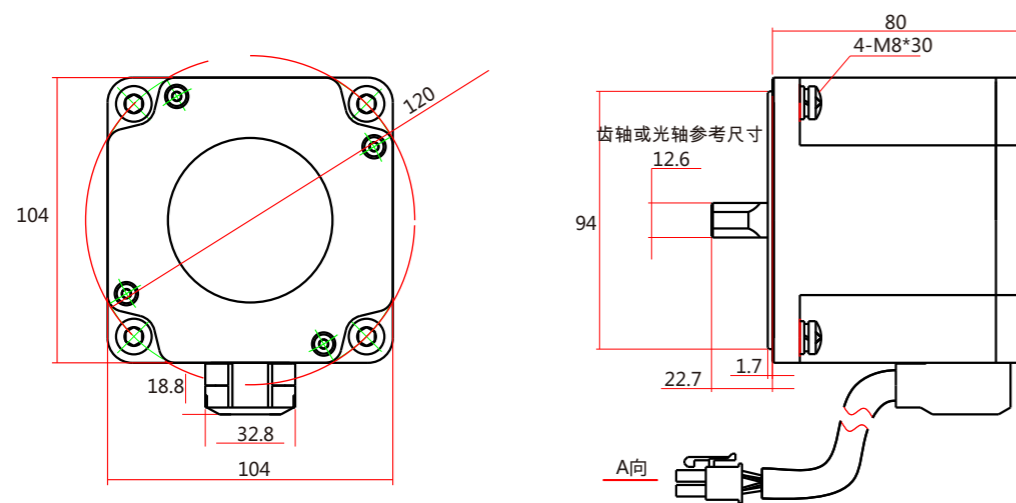
电机基本性能参数表

| | | | |
|------|--------------|--------|-------------------|
| 型号 | Z5BLD | 电气强度 | 660V/S |
| 额定电压 | 24-48V | 绝缘等级 | B |
| 额定功率 | 100-350W | 防护等级 | Ip20 |
| 额定电流 | 5.5-15A | 使用环境温度 | -10°C ~ +40°C |
| 额定转速 | 3000rpm±10% | | |
| 额定力矩 | 0.32-1.11N.m | | |
| 空载电流 | | | |
| 空载转速 | 3300rpm±10% | | |
| 工作制 | S1 | | |
| 绝缘电阻 | > 20MΩ | | |
| 寿命 | > 5000h | 噪音 | < 60dB (A) L=40CM |

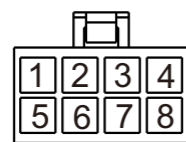
104系列直流无刷减速电机 104 SERIES OF BRUSHLESS DC MOTOR



Z6BLD



端子及接线说明

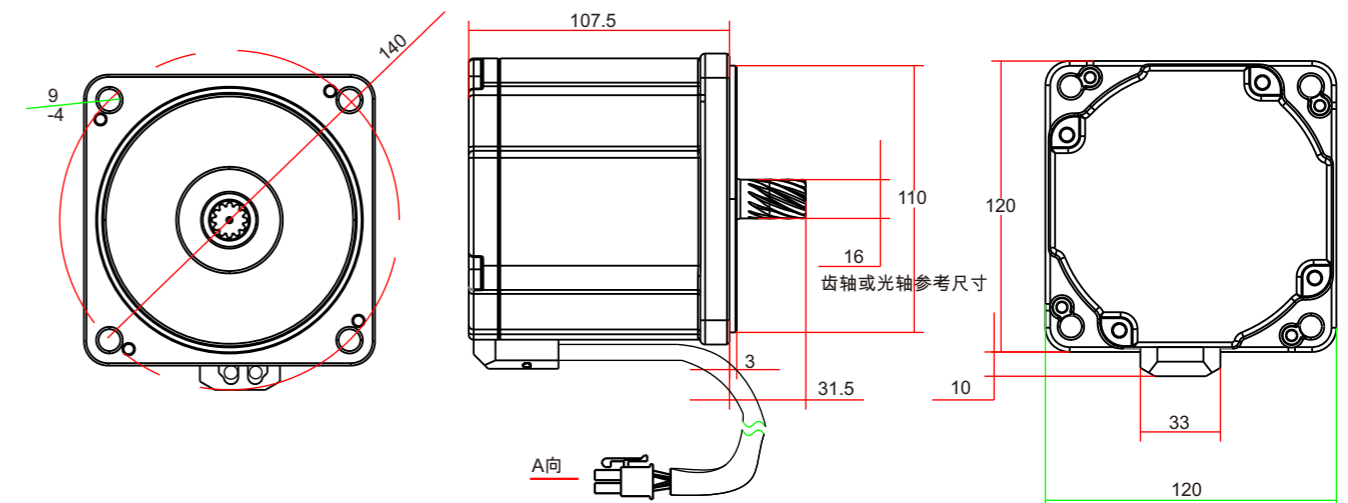


| | | | | | | | |
|------|------|------|------|------|------|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| U | W | Hv | Hu | V | GND | Hw | Vcc |
| 黄(粗) | 蓝(粗) | 绿(细) | 黄(细) | 绿(粗) | 黑(细) | 蓝(细) | 红(细) |

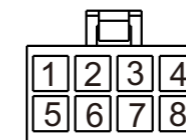
120系列直流无刷减速电机 120 SERIES OF BRUSHLESS DC MOTOR



Z7BLD



端子及接线说明



| | | | | | | | |
|------|------|------|------|------|------|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| U | W | Hv | Hu | V | GND | Hw | Vcc |
| 黄(粗) | 蓝(粗) | 绿(细) | 黄(细) | 绿(粗) | 黑(细) | 蓝(细) | 红(细) |

电机基本性能参数表

| | | | |
|------|--------------|--------|------------------|
| 型号 | Z6BLD | 电气强度 | 660V/S |
| 额定电压 | 24-48V | 绝缘等级 | B |
| 额定功率 | 200-450W | 防护等级 | Ip20 |
| 额定电流 | 4-18A | 使用环境温度 | -10°C ~ +40°C |
| 额定转速 | 3000rpm±10% | | |
| 额定力矩 | 0.64-1.43N.m | | |
| 空载电流 | | | |
| 空载转速 | 3300rpm±10% | | |
| 工作制 | S1 | | |
| 绝缘电阻 | > 20MΩ | | |
| 寿命 | > 5000h | 噪音 | <60dB (A) L=40CM |

电机基本性能参数表

| | | | |
|------|-------------|--------|------------------|
| 型号 | Z7BLD | 电气强度 | 1800V/S |
| 额定电压 | 110-220V | 绝缘等级 | B |
| 额定功率 | 500-1200W | 防护等级 | Ip20 |
| 额定电流 | 1.5-8A | 使用环境温度 | -10°C ~ +40°C |
| 额定转速 | 3000rpm±10% | | |
| 额定力矩 | 1.5-3.8N.m | | |
| 空载电流 | | | |
| 空载转速 | 3600rpm±10% | | |
| 工作制 | S1 | | |
| 绝缘电阻 | > 20MΩ | | |
| 寿命 | > 5000h | 噪音 | <60dB (A) L=40CM |

调速器 SPEED CONTROLLER

■ 控制器型号说明 Description of governor model

U

调速器种类
Speed Controller Type

U:组合型
U:Combination

S:分离型
S:Separation

S

调速器功能
Speed Controller function

S:速度控制器
S:Speed Governor

□

电压
Voltage

51:单相 110V50Hz
11:Single Phase 110V50Hz

52:单相 220V50Hz
22:Single Phase 220V50Hz

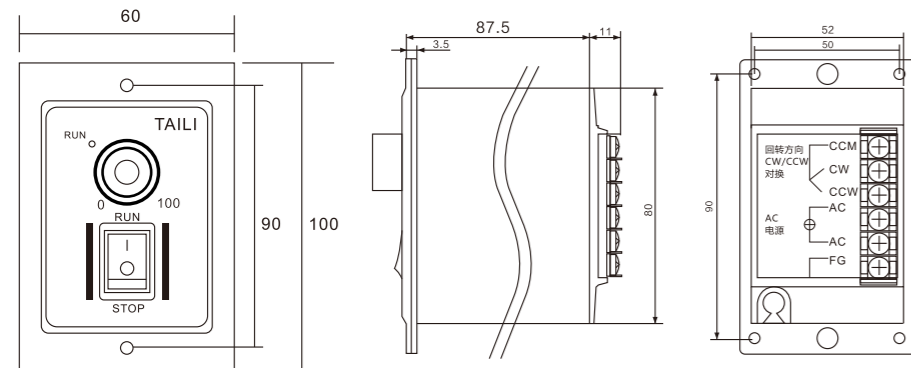
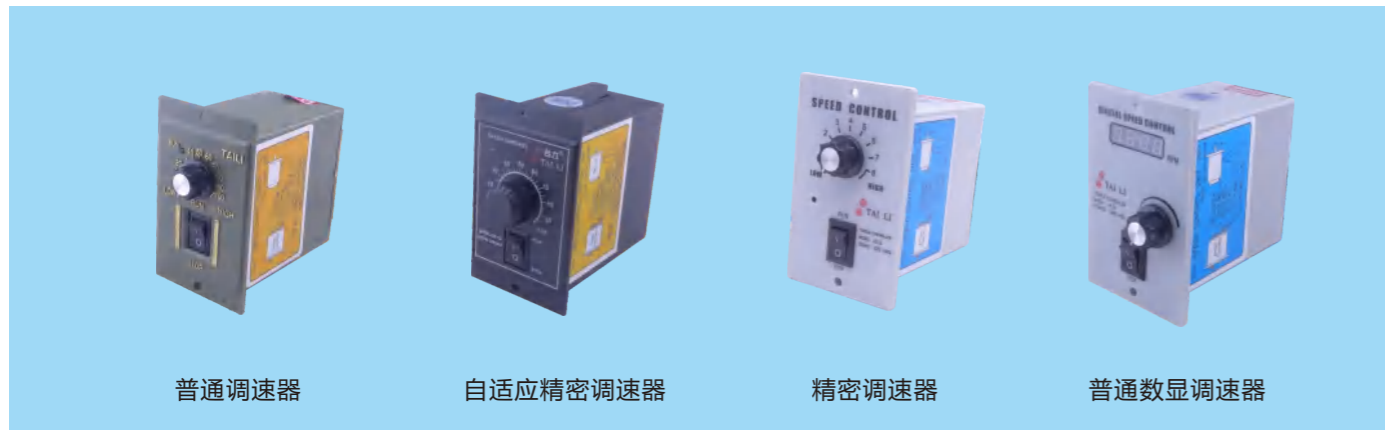
A

电容安装方式
Capacitor Mounting Type

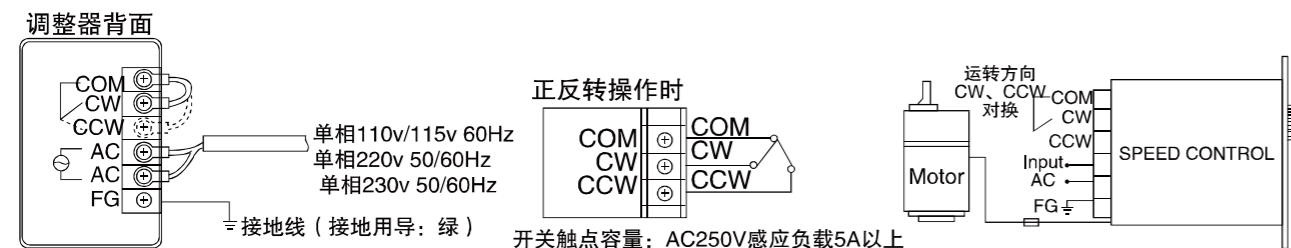
A:内置式电容器
A:Built-in Capacitor

B:外置式电容器
B:External Capacitor

■ 组合型 Combination US51、US52 正、反转变速 Clockwise and anti-clockwise speed change



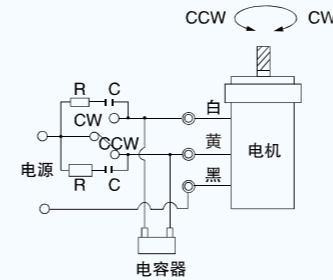
控制器接线图
Connection diagrams of the controller



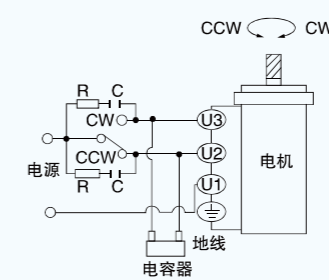
接线图 CONNECTION DIAGRAMS

■ 连接方式 Connecting type

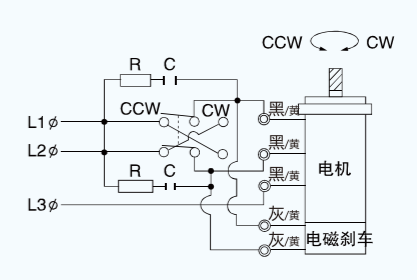
定速电机
Fixed speed motor



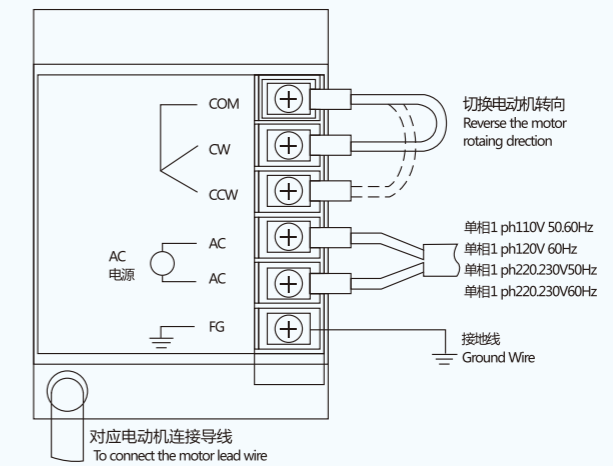
带线盒电机
Motor with terminal box



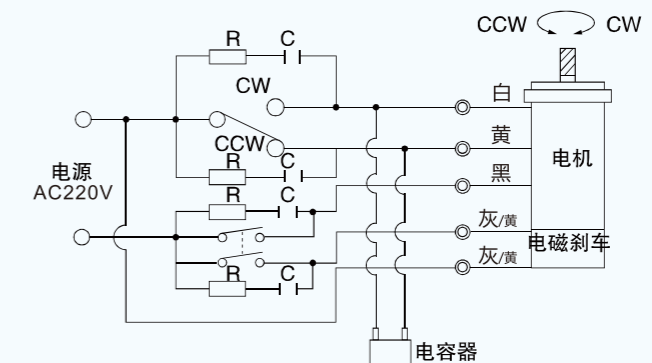
三相带电磁刹车电机
Three-phase motor with electromagnet



调速电机配US速度控制器
Speed regulating motor with US speed controller

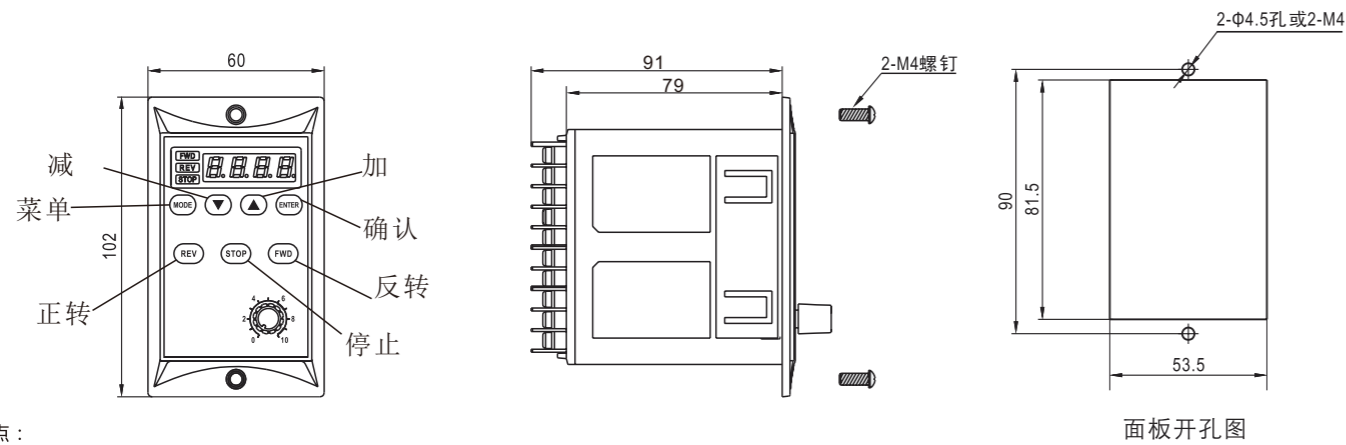


单相刹车电机接线图
Wiring diagram of brake motor



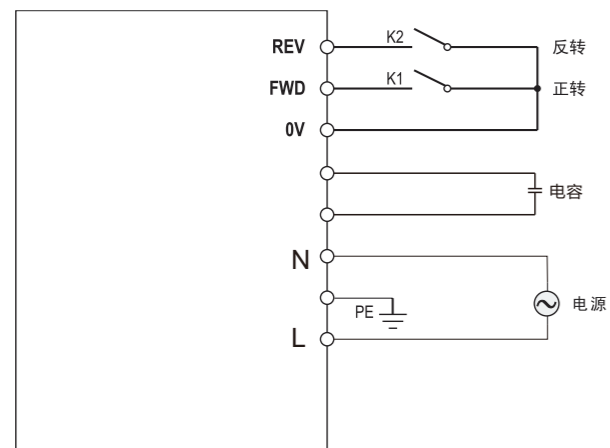
说明: 普通刹车线为两根灰线;
瑞迪牌刹车线为两根黄线;
三相380V为红黄白;
三相220V为棕黄白;
三相六线为黑黄白各2根。

■ SF系列面板式调速器 Sf series panel governor



特点：
 采用MCU数字控制技术，功能丰富，性能优异。
 采用数显菜单式选项，修改设定方便快捷。
 可根据用户显示需要设定显示倍率，自动换算显示目标值。
 可实现缓慢加速、缓慢减速。
 可面板操作、外接开关控制。
 面板旋钮自动匹配最高转速，调速控制方便、安全。
 内置运行电容。
 堵转保护功能，防止电机、调速器因堵转烧坏。（此功能可保护堵转过载，但无法保护非堵转过载）

■ 接线图 Wiring Diagram



操作面板按钮控制电机运转
 1) 无需安装K1、K2开关。
 2) 菜单设置：
 运转控制方式F-03选择"1"
 或"4"操作面板按钮控制。

Y T调速电机的功率必须与
 调速器适用电机功率一致。

电源电压必须与调速器电源
 电压规格一致。QF为断路器，
 在发生短路时保护调速器和
 调速电机。

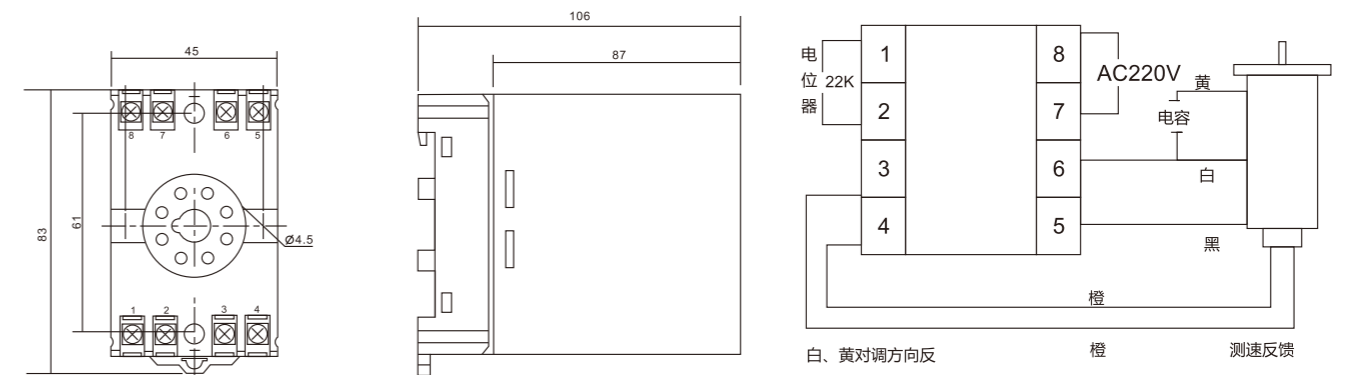
外接开关K1、K2控制电机运转
 1) 必须安装K1、K2开关。
 2) 菜单设置：
 运转控制方式F-03选择"2"
 或"3"外接开关控制。

请注意核对调速器型号标签
 功率是否与电机功率一致。

QF断路器电源规格表

| 电源电压 | 电机功率 | Qf电流规格 |
|------|----------|--------|
| 220V | 6-90W | 1A |
| 220V | 120-200W | 2A |
| 110V | 6-90W | 2A |
| 110V | 120-200W | 2A |

■ 分离型 Separation US11、SS22、SS32 正、反转变速 Clockwise and anti-clockwise speed change



■ 调速器特性表 List of speed governor characteristics

| 参数Parameter 型号Model | 电压 (V) Voltage(V) | 频率 (Hz) Voltage(Hz) | 最大电流 (A) Peak current(A) | 电机功率 (W) Motor power(W) | 调速范围 (r/min) Speed range(r/min) | 速度变速器 Speed changer | 速度应答器 Speed responder | 速度安全性 Speed Stability | 工作环境温度 Working ambient temperature |
|------------------------|--------------------------|------------------------|-----------------------------|----------------------------|------------------------------------|------------------------|--------------------------|--------------------------|--|
| US51 US52 | 110V ± 10% 220V ± 10% | 50/60 | 5 | 6~250 | 90/1350 90/1650 | 3% | (0.5) | 优Excellent | -10℃ ~ +50℃ |
| Us11 US32 | 110V ± 10% 220V ± 10% | 50/60 | 5 | 6~250 | 90/1350 90/1650 | 3% | (0.5) | 优Excellent | -10℃ ~ +50℃ |
| Us33 | 110V ± 10% 220V ± 10% | 50/60 | 5 | 6~250 | 90/1350 90/1650 | 3% | (0.5) | 优Excellent | -10℃ ~ +50℃ |

小型减速电机

SMALL REDUCTION MOTOR



小型减速电机型号定义 SMALL REDUCTION MOTOR

电机型号 Motor

GH **22-** **400** **90** **S** **B** **G1** **LD**
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧
 图1 图2

| | | | |
|---|-----------|--|--|
| ① | 结构形式 | Structure form | GH卧式 GV立式 GH Horizontal GV Vertical |
| ② | 输出轴直径 | Output shaft DIA | 18:Φ18mm 22:Φ22mm 28:Φ28mm X:ΦXmm |
| ③ | 额定功率 | Rated Power | 100:100W 200:200W 400:400W 750:750W X:XW |
| ④ | 减速比 | Reduction Ratio | 3:1:3 5:1:5 10:1:10 20:1:20 30:1:30 X:1:X |
| ⑤ | 额定电压 | Rated voltage | A: 1-Phase 单相 110V/220V C: 1-Phase 单相 220V S: 3-Phase 三相 220V/380V |
| ⑥ | 刹车器形式 | Brake unit | B: 断电刹车器 DC90V brake working when power off |
| ⑦ | 从轴端看接线盒位置 | Terminal box direction form output shaft | G1 左方向Left G2 右方向Right G3 上方向Top G4 下方向Down |
| ⑧ | 从轴端看出线方向 | Lead wire direction form out-put shaft | T: 向上 Top D: 向下 Down F: 向前Forward B: 向后 Back L: 向左Left R: 向右Right 图二 |

图1

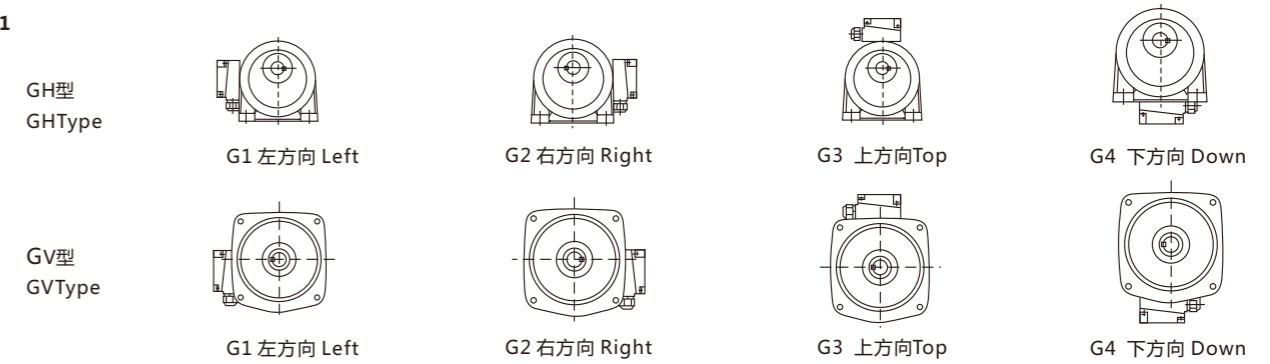


图2

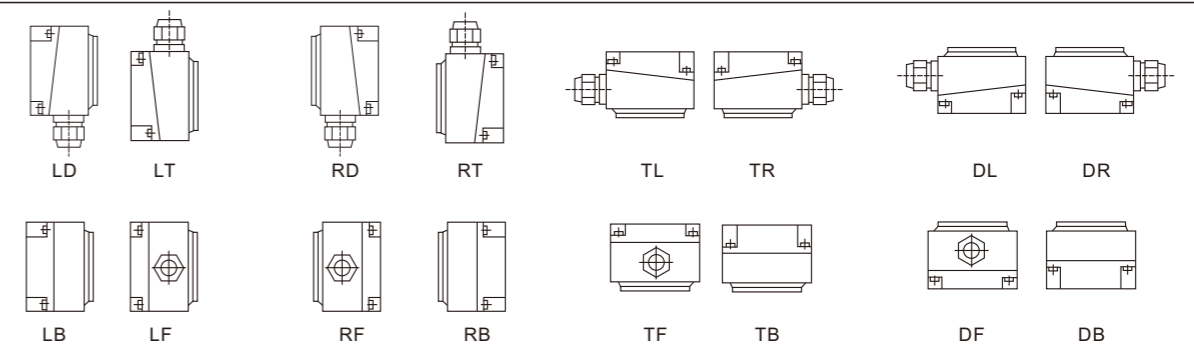


图3

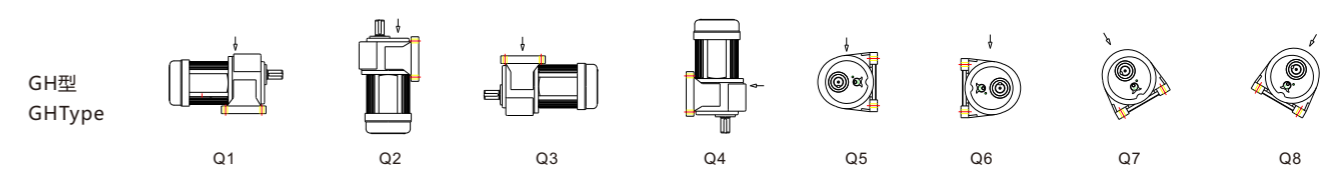
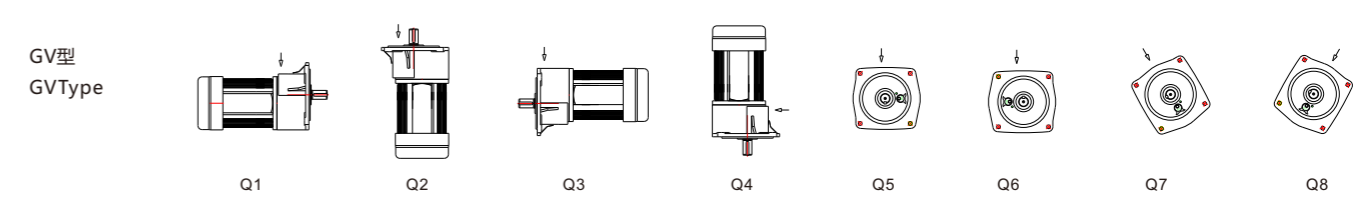


图4



基本规范 Reduction motor specification

| 项目 Item | 三相交流减速电机 3-Phase reduction motor | 单相交流减速电机 1-Phase reduction motor |
|-------------|-------------------------------------|--|
| 电机 Motor | 工作制式 Time duty | 连续运转 Continuous running |
| | 绝缘等级 Insulation class | B级或F级可选 Option of B class or F class |
| | 启动方式 Starting duty | 全压启动 Direct start |
| | 适用环境 Environment | 温度 温度-10°C ~ +40°C Humidity 湿度 ≤90% |
| 减速器 Reducer | 减速方式 Reduce method | 齿轮减速 Gear reduce |
| | 润滑方式 Lubricating | 封闭润滑油 Lubricant |
| | 外壳材质 Housing material | 输出轴 18mm 22mm 28mm 为铝合金 32mm 40mm 50mm 为铸铁 |
| 刹车器 Brake | 动作方式及使用电压 Action & Voltage | 断电刹车型 : DD90V Brake working when power off |

单相交流减速电机 1-Phase reduction motor 单位:A

| 输出功率 Output power | 50Hz | | | | 60Hz | | | |
|-------------------|------|------|------|------|------|------|------|------|
| | 110V | 115V | 220V | 230V | 110V | 115V | 220V | 230V |
| 0.1KW | 1.70 | 1.60 | 0.90 | 0.80 | 1.34 | 1.70 | 0.66 | 0.65 |
| 0.2KW | 3.20 | 3.00 | 1.50 | 1.40 | 2.50 | 2.31 | 1.25 | 1.23 |
| 0.4KW | 6.50 | 6.20 | 3.40 | 3.23 | 4.45 | 5.02 | 2.75 | 2.55 |
| 0.75KW | 11.4 | 11.0 | 5.9 | 5.75 | 9.53 | 9.13 | 4.86 | 4.61 |
| 1.5KW | 21.5 | 20.0 | 11.7 | 11.2 | 17.6 | 16.5 | 9.72 | 8.40 |

三相交流减速电机 3-Phase reduction motor 单位:A

| 输出功率 Output power | 50Hz | | | | 60Hz | | | |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 220V | 380V | 415V | 440V | 230V | 380V | 415V | 440V |
| 0.1KW | 0.70 | 0.42 | 0.35 | 0.30 | 0.60 | 0.40 | 0.30 | 0.29 |
| 0.2KW | 1.20 | 0.67 | 0.70 | 0.56 | 1.10 | 0.65 | 0.55 | 0.52 |
| 0.4KW | 2.20 | 1.25 | 1.35 | 1.10 | 1.91 | 1.12 | 0.95 | 0.92 |
| 0.75KW | 3.51 | 2.21 | 1.95 | 1.81 | 3.41 | 1.98 | 1.70 | 1.63 |
| 1.5KW | 6.60 | 3.91 | 3.52 | 3.35 | 6.15 | 3.55 | 3.05 | 2.92 |
| 2.2KW | 8.92 | 5.23 | 4.48 | 4.50 | 8.75 | 5.10 | 4.35 | 4.16 |
| 3KW | 11.6 | 6.72 | 6.15 | 5.8 | 13.92 | 8.06 | 7.38 | 6.96 |
| 3.7KW | 14.04 | 8.13 | 7.44 | 7.02 | 16.85 | 9.76 | 8.9 | 8.4 |
| 5KW | 18.5 | 10.7 | 9.79 | 9.24 | 22.2 | 12.8 | 11.75 | 11.08 |
| 5.5KW | 20.4 | 11.82 | 10.82 | 10.2 | 24.48 | 14.18 | 12.98 | 12.24 |
| 7.5KW | 27.18 | 15.74 | 14.41 | 13.59 | 32.6 | 18.8 | 17.2 | 16.3 |

其它描述 OTHER DESCRIPTION OF REDUCTION MOTOR

最大允许轴径 Max available output shaft dim

| 标准输出轴径 Standard shaft dim | 最大允许轴径 Max available dim |
|------------------------------|-----------------------------|
| Φ18mm | Φ20mm |
| Φ22mm | Φ25mm |
| Φ28mm | Φ30mm |
| Φ32mm | Φ35mm |
| Φ40mm | Φ45mm |
| Φ50mm | Φ55mm |
| Φ60mm | Φ65mm |

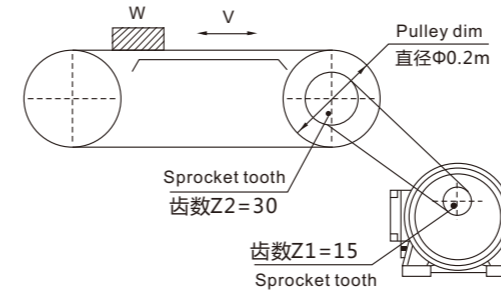
单相电机配套电容 Capacitor for 1-phase motor

| 额定功率 Rated power | 运转电容 Running capacitor | 启动电容 Starting capacitor |
|---------------------|---------------------------|----------------------------|
| 100W 1/8HP | 8 μ F/450V | / |
| 200W 1/4HP | 15 μ F/450V | / |
| 400W 1/2HP | 18 μ F/450V | / |
| 750W 1/2HP | 25 μ F/450V | 100 μ F/250V |
| 1500W 2HP | 35 μ F/450V | 200 μ F/250V |
| 2200W 3HP | 40 μ F/450V | 250 μ F/250V |

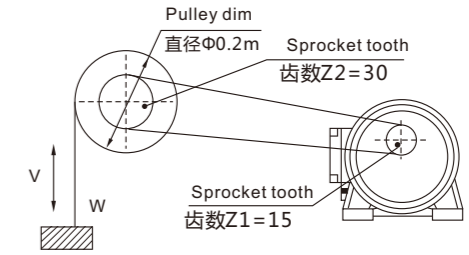
请勿让减速电机长时间空载运行,或长时间超负荷低速运行及堵转,以免温升过高而损坏电机。
Please don't run no-load long time,run over load in low speed, or locked motor to avoid excess temperature.

选择计算示例 Calculation for selection

Example1



Example2



物体总重量 : W=400kg 运行速度 : V=80 m/min 物体与输送带摩擦系数 : μ=0.15 链传动效率 : η1=0.95
电机传动效率 : η2=0.95 运转时间 : 8 hour 小时/day 天 启动次数 : 1/min 电源 : 3PH 380V 50Hz

| | 选型计算说明 Description of calculation | | | |
|----------------------|--|---|---|--|
| | Example1 | Example2 | Example1 | Example2 |
| 减速比 Ratio | 先确定减速电机的减速比 先求出输出轴转速 (N1); 再求出输出轴转速 (N2); 计算所需的减速比 (i) 电机转速 | Calculate the reduction ratio N1 -V/(DxTT) Find the revolution of conveyer pulley first N2 -N1/(Z2/Z1) Find the output shaft revolution Calculate reduction ratio i=N2/n N: motor speed | N1=V/(DxTT)=8/(0.2x3.14)=12.7r/min N2=N1x(Z2/Z1)=12.7x(30/15)=25.4r/min i=25.4/1500≈60r/min | |
| 扭矩 Torque | 确定所需扭矩 先确定输送滚轴扭矩 (T1) | Calculate the torque by the condition of the machine used Find the torque of conveyer pulley first | T1=(μxWxD/2)/η1 =(0.15x400x0.2/2)/0.95 =5.9kgf.m T2=T1x(Z1/Z2)/η2 =5.9x(15/30)/0.95 =3.10kgf.m | T1=(WxD/2)/η1 =(400x0.2/2)/0.95 =42kgf.m T2=T1x(Z1/Z2)/η2 =42x(15/30)/0.95 =22.1kgf.m |
| 负荷条件 Load conditions | Find corrective torquer according to load condition 根据运转条件, 确定修正所需的电机扭矩 (T3) 运转系数 K: coefficient | 每天使用时间 Duration of service per day | T3=T2xK =3.1x1.25 =3.875kgf.m | T3=T2xk =22.1x1.25 =27.62kgf.m |
| 功率 Power | 确定减速电机的输出功率 (P) Calculate the output power P=T3*9.8*N2/9550 (KW) | | P=T3x9.8xN2/9550 =3.875x9.8x25.4/9550 0.10(KW) | P=T3x9.8xN2/9550 =27.62x9.8x25.4/9550 0.72(KW) |

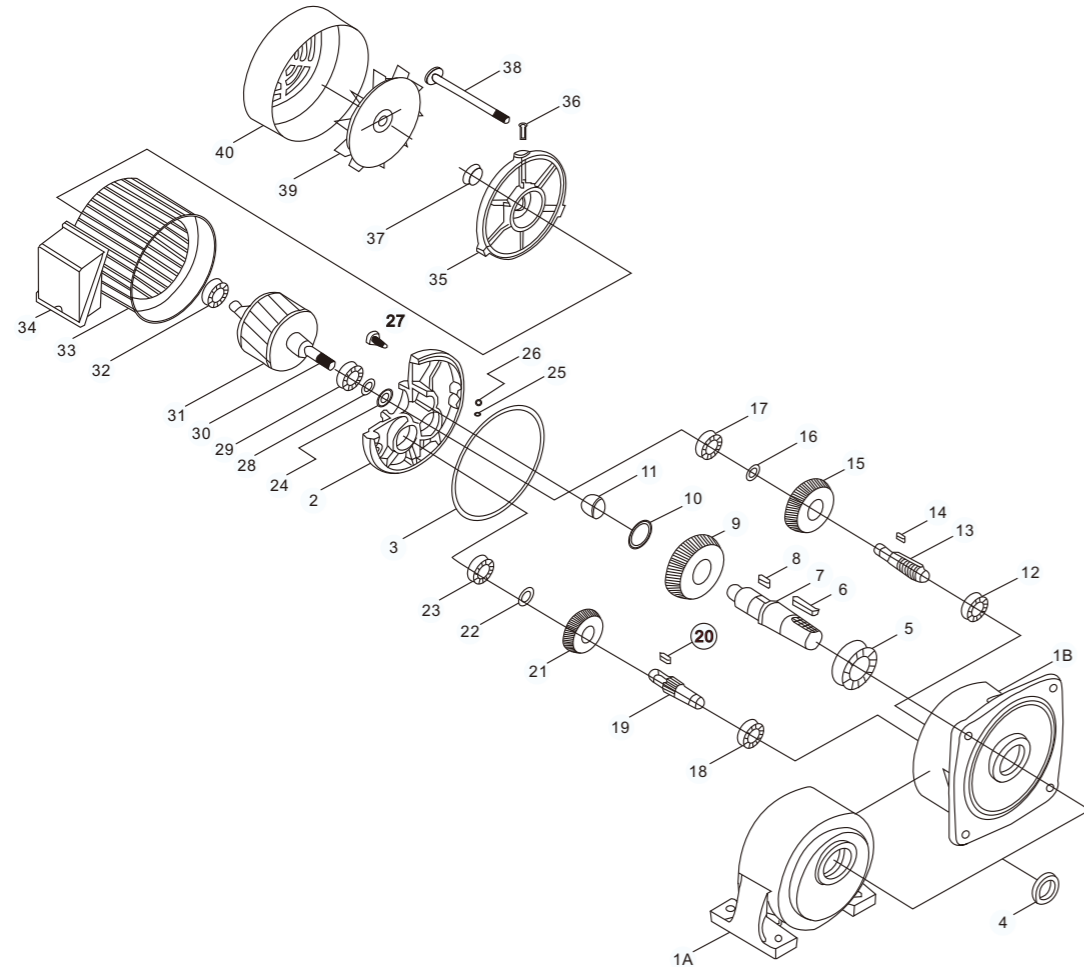
根据计算出的功率 (P) 和减速比 (i) 结合公司产品目录, 选择适用的减速电机型号。
According to power (P) reduction ratio(i) and the mode-reduction ratio reference table, to select the suitable reduction motor type.

订购本公司减速电机时, 请说明以下产品信息:

减速器的基本参数 (如电机功率、减速比、输出轴直径、安装方式及产品型号等
关于表面喷涂, 如无指定, 本公司该系列产品的表面颜色为HL1色, 也可按用户要求
带刹车器的减速电机总长度比不带刹车器的减速电机长度增加10mm

The customer should provide us the following information when you want to order reduction motor;
Basic parameters of reducer (including motor power, reduction ratio, output shaft diameter, motor mode, etc.
Painting on outside body: the color of series reduction motor is painted with H11, also we can paint according with customer's request.
The total length of brake motors will be 10mm longer than standard motors

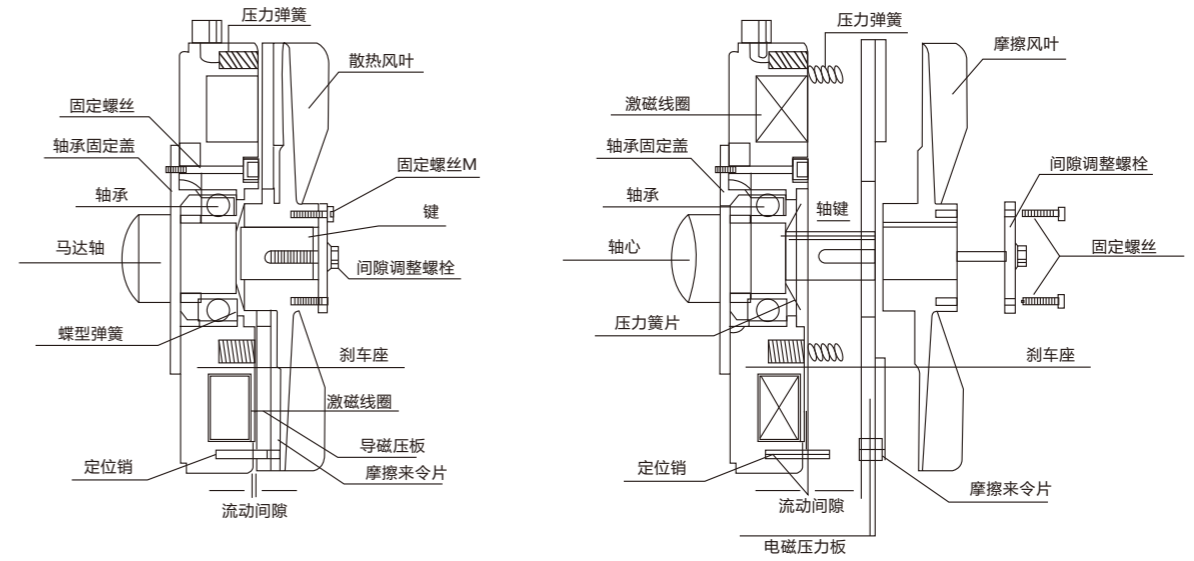
产品结构图 Details partslist



明细表 Parts List

| 序号 Item | 名称 Name | 序号 Item | 名称 Name | 序号 Item | 名称 Name |
|---------|-------------------------------|---------|-------------------------------|---------|-------------------------|
| 1A | 卧式 Horizontal Housing | 14 | 三级小齿轴键 Key-3RDStage Pinion | 28 | 玻形垫圈 Wave Spring |
| 1B | 立式 Vertical Housing | 15 | 二级大齿轮 Gear-2ND Stage | 29 | 电机轴承 Bearing of Shaft |
| 2 | 电机前盖 Front Cover | 16 | C-挡圈 Snap Ring | 30 | 电机齿轴 Motor Shaft |
| 3 | O形圈 Oil Ring | 17 | 三级齿轴承 Bearing-3RDStage Pinion | 31 | 转子 Rotor |
| 4 | 输出轴油封 Oil Seal-Output Shaft | 18 | 二级齿轴承 Bearing-2NDStage Pinion | 32 | 电机轴承 Bearing of Shaft |
| 5 | 输出轴承 Bearing-Output Shaft | 19 | 二级小齿轴 Pinion-2NDStage | 33 | 定子总成 Stator |
| 6 | 输出轴键 Key-Output Shaft | 20 | 二级小齿轴键 Key-2NDStage Pinion | 34 | 铝接线盒 Wire Box |
| 7 | 输出轴 Output Shaft | 21 | 一级大齿轮 Gear-1ST Stage | 35 | 电机后盖 Rear Cover |
| 8 | 三级小齿轴键 Key-3RD Pinion | 22 | C-挡圈 Snap Ring | 36 | 风罩螺钉 Screw-Fan Cover |
| 9 | 三级大齿轮 Gear-3RD Stage | 23 | 二级齿轴承 BEaring-2NDStage Pinion | 37 | 后盖油封 Oil Seal-Rearcover |
| 10 | C-挡圈 Snap Ring | 24 | 输入侧油封 Oil Seal-Motor Shaft | 38 | 电机螺杆 Bolt |
| 11 | 输出轴自润轴承 Oilless Bearing | 25 | 定位销 Pin | 39 | 风叶 Fan |
| 12 | 二级齿轴承 Bearing-2NDStage Pinion | 26 | O形圈 O-Ring | 40 | 风罩 Fan Cover |
| 13 | 三级小齿轴 Pinion-3RDStage | 27 | 由六角螺钉 Hex-Head Screw | | |

刹车零件分解图 Brake unit section diagram

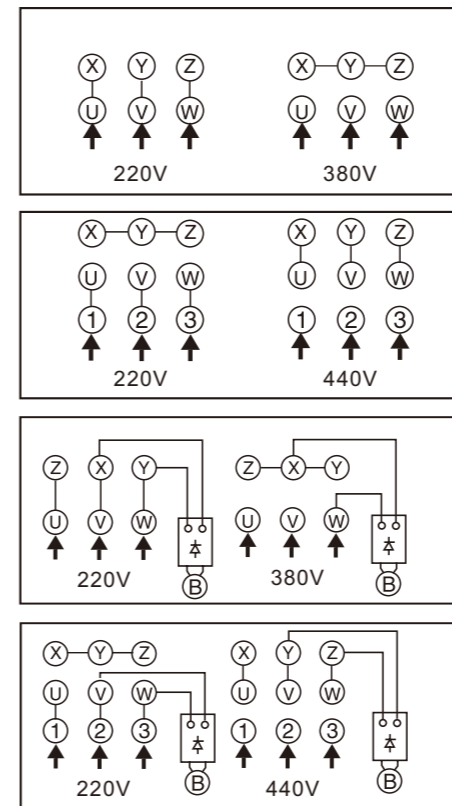


明细表 Parts List

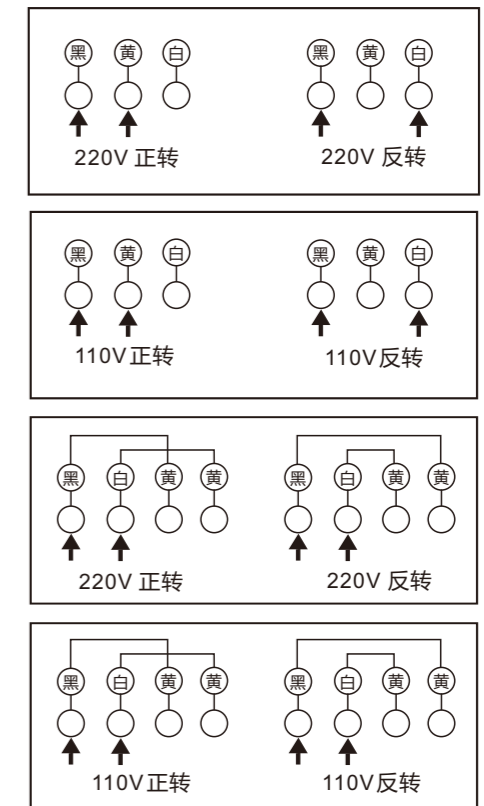
| 序号 Item | 名称 Name | 序号 Item | 名称 Name |
|---------|---------------------------|---------|---------------------------|
| 1 | 压力弹簧 Pressure Spring | 9 | 固定螺丝M Fixed Screw |
| 2 | 固定螺丝 Fixed Screw | 10 | 固键 Key |
| 3 | 轴承固定盖 Fixed Bearing Cover | 11 | 调整螺栓 Gap Adjustment Bolt |
| 4 | 轴承 Bearing | 12 | 刹车座 Brake Housing |
| 5 | 马达轴 Motor | 13 | 激磁线圈 Brake Coil |
| 6 | 蝶型弹簧 Disc Spring | 14 | 导磁压板 Friction Plate |
| 7 | 定位销 Fixed Pin | 15 | 摩擦来令片 Friction Brake Disc |
| 8 | 散热风叶 Fan | | |

接线方式 Wiring Diagram

三相 (3-phase)



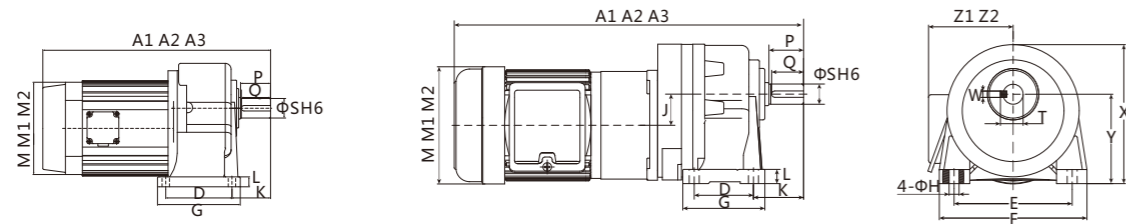
单相 (1-phase)



0.1KW

卧式 / HORIZONTAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



11筒电机直径是127mm；定子直径110mm

备注：A1、M1、Z1为三相马达尺寸；

A3为三相带刹车马达尺寸；

A2、M2、Z2为单相马达尺寸。

Note:A1/M1/Z1 are the sizes of three-phase motors;

A3 is the size of three-phase motors with brakes

A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----|----------|------|------|---------|
| 出力轴shaft | | 键槽keyway | | 键key | |
| Sh6 | P | W | T | Q | SPEC |
| φ18 | 30 | 5 | 20.2 | 25 | 5*5*25 |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 |

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|---------------|----------------|-----|-----|-----|-----|-----|-------|------|------|-------|-------|------|------|-----|-------|-------|-----|-----|----------|
| | | | M1 | M2 | M1 | M2 | | | | | | | | | | | | | | |
| 100W 1/8HP | 40K~128K | 110+18 | 262 | 262 | 262 | 40 | 110 | 134.5 | 64 | 9 | 9.5 | 16 | 48 | 128 | 128 | 140.5 | 88.5 | 102 | 102 | 5.3 |
| | 2.5K~180K | 110+22 | 284 | 284 | 284 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 18.17 | 60 | 128 | 128 | 161 | 97.5 | 102 | 102 | 6.9 |
| | 2.5K~180K | 110+22(2#) | 284 | 284 | 284 | 65 | 130 | 159 | 90 | 11 | 15.5 | 18.17 | 55 | 128 | 128 | 161 | 97.5 | 102 | 102 | 6.9 |
| | 2.5K~180K | 110+28 | 309 | 309 | 309 | 90 | 140 | 179 | 122 | 12.5 | 17 | 36.83 | 64.6 | 128 | 128 | 187 | 116 | 102 | 102 | 13.2 |
| | 2.5K~180K | 110+28(2#) | 309 | 309 | 309 | 90 | 140 | 179 | 122 | 12.5 | 18.5 | 36.83 | 63.5 | 128 | 128 | 187 | 116 | 102 | 102 | 13.2 |
| | 250K~23000K | 110+18+22 | 383 | 383 | 383 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 34.17 | 60 | 128 | 128 | 161 | 97.5 | 102 | 102 | 15 |
| | 250K~23000K | 110+18+22(2#) | 383 | 383 | 383 | 65 | 130 | 159 | 90 | 11 | 15.5 | 34.17 | 55 | 128 | 128 | 161 | 97.5 | 102 | 102 | 15 |
| | 250K~25000K | 110+18+28 | 411 | 411 | 411 | 90 | 140 | 179 | 122 | 12.5 | 17 | 36.83 | 64.6 | 128 | 128 | 187 | 116 | 102 | 102 | 16 |
| | 250K~25000K | 110+18+28(2#) | 411 | 411 | 411 | 90 | 140 | 179 | 122 | 12.5 | 18.5 | 36.83 | 63.5 | 128 | 128 | 187 | 116 | 102 | 102 | 16 |
| | 250K~36000K | 110+22+32 | 454 | 454 | 454 | 130 | 170 | 213 | 160 | 13.5 | 27.5 | 48.39 | 76 | 128 | 128 | 223 | 138.5 | 102 | 102 | 17 |
| 250K~36000K | 110+22+32(2#) | 454 | 454 | 454 | 130 | 170 | 214 | 160 | 13.5 | 26 | 48.39 | 70 | 128 | 128 | 218 | 138.5 | 102 | 102 | 17 | |

外形尺寸 Overall Dimensions(短箱体 Short Case Type)

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|---------------|----------------|-----|-----|-----|-----|-----|-------|------|------|-------|-------|------|------|-----|-------|------|-----|-----|----------|
| | | | M1 | M2 | M1 | M2 | | | | | | | | | | | | | | |
| 100W 1/8HP | 3K~30K | 110+18 | 252 | 252 | 252 | 40 | 110 | 134.5 | 64 | 9 | 9.5 | 16 | 48 | 128 | 128 | 140.5 | 90 | 102 | 102 | 5.3 |
| | 250K~5400K | 110+18+22 | 373 | 373 | 373 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 34.17 | 55 | 128 | 128 | 161 | 98.5 | 102 | 102 | 15 |
| | 250K~5400K | 110+18+22(2#) | 373 | 373 | 373 | 65 | 130 | 159 | 90 | 11 | 15.5 | 34.17 | 55 | 128 | 128 | 161 | 98 | 102 | 102 | 15 |
| | 250K~6000K | 110+18+28 | 402 | 402 | 402 | 90 | 140 | 179 | 122 | 12.5 | 17 | 36.83 | 64.6 | 128 | 128 | 187 | 117 | 102 | 102 | 16 |
| 250K~6000K | 110+18+28(2#) | 401 | 401 | 401 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 36.83 | 63.5 | 128 | 128 | 187 | 117 | 102 | 102 | 16 | |

容许转矩 ALLOWABLE TORQUE 单位：N.m

| 减速比 Ratio | 3 | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 85 | 100 | 108 | 125 | | | | | |
|-----------------|------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | |
| 转速 Speed RPM | 50Hz | 466 | 280 | 187 | 140 | 93 | 70 | 56 | 47 | 35 | 28 | 23.3 | 16.5 | 14 | 13 | 11.2 | | | | |
| | 60Hz | 560 | 336 | 224 | 168 | 112 | 84 | 67.2 | 56 | 42 | 33.6 | 28 | 19.8 | 16.8 | 15.6 | 13.4 | | | | |
| 扭矩 Torque | 50Hz | 2 | 3.4 | 5.1 | 6.8 | 10.3 | 13.6 | 17 | 20.3 | 27.3 | 34.1 | 41 | 57.9 | 68.2 | 73.5 | 85.3 | | | | |
| | 60Hz | 1.7 | 2.8 | 4.3 | 5.7 | 8.5 | 11.4 | 14.2 | 17 | 22.7 | 28.4 | 34.1 | 48.2 | 56.8 | 61.2 | 71.3 | | | | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min)额定负载时,实际转速为表列转速的80%-98%。缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。

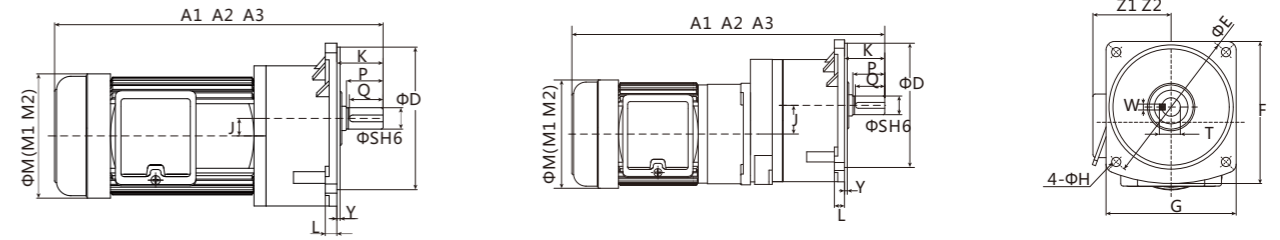
- The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
- Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
- The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.

红色部分不合适重载场合使用

0.1KW

立式 / VERTICAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注：A1、M1、Z1为三相马达尺寸；

A3为三相带刹车马达尺寸；

A2、M2、Z2为单相马达尺寸。

Note:A1/M1/Z1 are the sizes of three-phase motors;

A3 is the size of three-phase motors with brakes

A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----|----------|------|------|--------|
| 出力轴shaft | | 键槽keyway | | 键key | |
| Sh6 | P | W | T | Q | SPEC |
| φ18 | 30 | 5 | 20.2 | 25 | 5*5*25 |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |

11筒电机直径是127mm；定子直径110mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|--------------|----------------|-----|-----|-----|-----|-----|-------|-------|------|-------|-------|------|------|-----|-------|-------|-----|------|----------|
| | | | M1 | M2 | M1 | M2 | | | | | | | | | | | | | | |
| 100W 1/8HP | 40K~128K | 110+18 | 262 | 262 | 262 | 50 | 140 | 121 | 121 | 9 | 12 | 16 | 38 | 128 | 128 | 140.5 | 88.5 | 102 | 102 | 5.3 |
| | 2.5K~180K | 110+22 | 284 | 284 | 284 | 148 | 185 | 169 | 155 | 11 | 12 | 18.17 | 48 | 128 | 128 | 161 | 97.5 | 102 | 102 | 13.2 |
| | 2.5K~180K | 110+22C型法兰 | 284 | 284 | 284 | 90 | 139 | 145.5 | 145.5 | M8 | 18.17 | 49 | 128 | 128 | 161 | 97.5 | 102 | 102 | 13.2 | |
| | 2.5K~180K | 110+22B型法兰 | 284 | 284 | 284 | 55 | 170 | 146.5 | 146.5 | 11 | 11.5 | 18.17 | 48.5 | 128 | 128 | 161 | 97.5 | 102 | 102 | 13.2 |
| | 2.5K~180K | 110+28 | 310 | 310 | 310 | 170 | 220 | 194 | 180 | 12.5 | 15 | 20.83 | 54 | 128 | 128 | 187 | 116 | 102 | 102 | 15 |
| | 2.5K~180K | 110+28B型法兰 | 310 | 310 | 310 | 65 | 200 | 168 | 168 | 11 | 13 | 20.83 | 54 | 128 | 128 | 187 | 116 | 102 | 102 | 15 |
| | 250K~23000K | 110+18+22 | 383 | 383 | 398 | 148 | 185 | 169 | 155 | 11 | 12 | 34.17 | 48 | 128 | 128 | 161 | 97.5 | 102 | 102 | 15 |
| | 250K~25000K | 110+18+28 | 411 | 411 | 411 | 170 | 220 | 194 | 180 | 12.5 | 15 | 36.83 | 54 | 128 | 128 | 187 | 116 | 102 | 102 | 16 |
| | 250K~36000K | 110+22+32 | 454 | 454 | 454 | 185 | 255 | 242 | 223 | 13.5 | 15 | 48.39 | 66.3 | 128 | 128 | 223 | 138.5 | 102 | 102 | 17 |

外形尺寸 Overall Dimensions(短箱体 Short Case Type)

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|--------------|----------------|-----|-----|-----|-----|-----|-----|-----|------|----|-------|----|------|-----|-------|------|-----|-----|----------|
| | | | M1 | M2 | M1 | M2 | | | | | | | | | | | | | | |
| 100W 1/8HP | 3K~30K | 110+18 | 252 | 252 | 252 | 50 | 140 | 121 | 121 | 9 | 12 | 16 | 38 | 128 | 128 | 140.5 | 90 | 102 | 102 | 5.3 |
| | 250K~5400K | 110+18+22 | 373 | 373 | 388 | 148 | 185 | 169 | 155 | 11 | 12 | 34.17 | 48 | 128 | 128 | 161 | 98.5 | 102 | 102 | 15 |
| | 250K~5400K | 110+18+22(2#) | 373 | 373 | 388 | 148 | 185 | 169 | 155 | 11 | 12 | 34.17 | 48 | 128 | 128 | 161 | 98 | 102 | 102 | 15 |
| | 250K~6000K | 110+18+28 | 401 | 401 | 401 | 170 | 220 | 194 | 180 | 12.5 | 15 | 36.83 | 54 | 128 | 128 | 187 | 117 | 102 | 102 | 16 |

容许转矩 ALLOWABLE TORQUE 单位：N.m

| 减速比 Ratio | 3 | 5 | 7.5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 85 | 100 | 108 | 125 | | | | | |
|-----------------|------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | |
| 转速 Speed RPM | 50Hz | 466 | 280 | 187 | 140 | 93 | 70 | 56 | 47 | 35 | 28 | 23.3 | 16.5 | 14 | 13 | 11.2 | | | | |
| | 60Hz | 560 | 336 | 224 | 168 | 112 | 84 | 67.2 | 56 | 42 | 33.6 | 28 | 19.8 | 16.8 | 15.6 | 13.4 | | | | |
| 扭矩 Torque | 50Hz | 2 | 3.4 | 5.1 | 6.8 | 10.3 | 13.6 | 17 | 20.3 | 27.3 | 34.1 | 41 | 57.9 | 68.2 | 73.5 | 85.3 | | | | |
| | 60Hz | 1.7 | 2.8 | 4.3 | 5.7 | 8.5 | 11.4 | 14.2 | 17 | 22.7 | 28.4 | 34.1 | 48.2 | 56.8 | 61.2 | 71.3 | | | | |

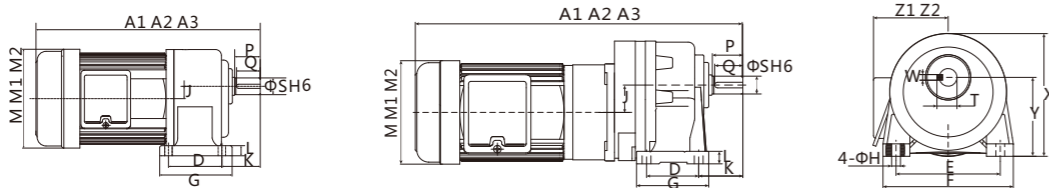
▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min)额定负载时,实际转速为表列转速的80%-98%。缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。

- The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
- Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
- The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.

红色部分不合适重载场合使用

0.2KW 卧式/HORIZONTAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----|----------|------|----|---------|
| 出力轴shaft | | 键槽keyway | | | 键key |
| Sh6 | P | W | T | Q | SPEC |
| φ18 | 30 | 5 | 20.2 | 25 | 5*5*25 |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 |

11筒电机直径是127mm;定子直径110mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|--------------|----------------|-----|-----|-----|-----|-----|-------|-----|------|-------|-------|------|------|-----|-------|-------|-------|------|----------|
| | | | | | | | | | | | | | | M1 | M2 | | | | | |
| 200W 1/4HP | 40K~128K | 110+18 | 297 | 297 | 297 | 40 | 110 | 134.5 | 64 | 9 | 9.5 | 16 | 47.6 | 128 | 128 | 140.5 | 88.5 | 102 | 102 | 6.7 |
| | 2.5K~180K | 110+22 | 319 | 319 | 319 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 18.17 | 60 | 128 | 128 | 161 | 97.5 | 102 | 102 | 8.6 |
| | 2.5K~180K | 110+22(2#) | 319 | 319 | 319 | 65 | 130 | 159 | 90 | 11 | 15.5 | 18.17 | 55 | 128 | 128 | 161 | 97.5 | 102 | 102 | 8.6 |
| | 2.5K~200K | 110+28 | 346 | 346 | 346 | 90 | 140 | 179 | 122 | 12.5 | 17 | 20.83 | 64.6 | 128 | 128 | 187 | 116 | 102 | 102 | 11 |
| | 2.5K~200K | 110+28(2#) | 346 | 346 | 346 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 20.83 | 63.5 | 128 | 128 | 187 | 116 | 102 | 102 | 11 |
| | 250K~23000K | 110+18+22 | 418 | 418 | 418 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 34.17 | 60 | 128 | 128 | 161 | 97.5 | 102 | 102 | 29.6 |
| | 250K~23000K | 110+18+22(2#) | 418 | 418 | 418 | 65 | 130 | 159 | 90 | 11 | 15.5 | 34.17 | 55 | 128 | 128 | 161 | 97.5 | 102 | 102 | 29.6 |
| | 250K~25000K | 110+18+28 | 446 | 446 | 446 | 90 | 140 | 179 | 122 | 12.5 | 17 | 36.83 | 64.6 | 128 | 128 | 187 | 116 | 102 | 102 | 29.6 |
| | 250K~25000K | 110+18+28(2#) | 446 | 446 | 446 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 36.83 | 63.5 | 128 | 128 | 187 | 116 | 102 | 102 | 29.6 |
| | 250K~36000K | 110+22+32 | 489 | 489 | 489 | 130 | 170 | 213 | 160 | 13.5 | 27.5 | 48.39 | 76 | 128 | 128 | 223 | 138.5 | 102 | 102 | 29.6 |
| | 250K~36000K | 110+22+32(2#) | 489 | 489 | 489 | 130 | 170 | 214 | 160 | 13.5 | 26 | 48.39 | 70 | 128 | 128 | 218 | 138.5 | 102 | 102 | 29.6 |
| | 250K~40000K | 110+28+40 | 555 | 555 | 555 | 150 | 210 | 264 | 190 | 16 | 26 | 63.03 | 84 | 128 | 128 | 264.5 | 160 | 132 | 132 | 29.6 |
| 250K~38000K | 110+28+50 | 595 | 595 | 595 | 170 | 265 | 335 | 212.5 | 19 | 30 | 72.53 | 99 | 128 | 128 | 326 | 200 | 167.5 | 167.5 | 29.6 | |

外形尺寸 Overall Dimensions(短箱体 Short Case Type)

| 功率 HP-4P | 减速比 Ratio | 定子直径φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|---------------|----------------|-----|-----|-----|-----|-----|-------|------|------|-------|-------|------|------|-----|-------|------|-----|-----|----------|
| | | | | | | | | | | | | | | M1 | M2 | | | | | |
| 200W 1/4HP | 3K~30K | 110+18 | 287 | 287 | 287 | 40 | 110 | 134.5 | 64 | 9 | 9.5 | 16 | 48 | 128 | 128 | 140.5 | 90 | 102 | 102 | 6.7 |
| | 250K~5400K | 110+18+22 | 408 | 408 | 408 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 34.17 | 60 | 128 | 128 | 153 | 98.5 | 102 | 102 | 8.6 |
| | 250K~5400K | 110+18+22(2#) | 408 | 408 | 408 | 65 | 130 | 159 | 90 | 11 | 15.5 | 34.17 | 55 | 128 | 128 | 153 | 98.5 | 102 | 102 | 8.6 |
| | 250K~6000K | 110+18+28 | 436 | 436 | 436 | 90 | 140 | 179 | 122 | 12.5 | 17 | 36.83 | 64.6 | 128 | 128 | 179 | 117 | 102 | 102 | 11 |
| 250K~6000K | 110+18+28(2#) | 436 | 436 | 436 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 36.83 | 63.5 | 128 | 128 | 179 | 117 | 102 | 102 | 11 | |

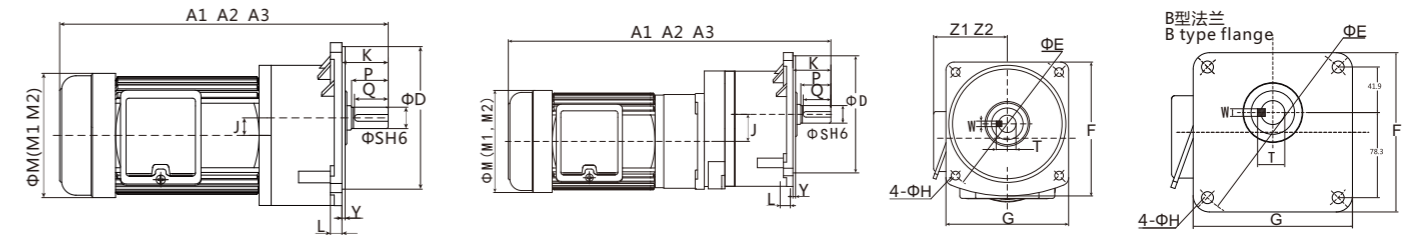
容许转矩 ALLOWABLE TORQUE 单位: N.m

| 减速比 Ratio | 3 | 5 | 7.5 | 10 | 12.5 | 15 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 80 | 90 | 100 | 120 | 160 | 180 | 200 |
|--------------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| | | | | | | | | | | | | | | | | | | | | | |
| 50Hz | 466 | 280 | 187 | 140 | 112 | 93 | 70 | 56 | 47 | 39 | 35 | 28 | 23.3 | 18.7 | 17.5 | 15.6 | 14 | 11.7 | 8.75 | 7.8 | 7 |
| 60Hz | 560 | 336 | 224 | 168 | 134 | 112 | 84 | 67.2 | 56 | 47 | 42 | 33.6 | 28 | 22.4 | 21 | 18.7 | 16.8 | 14 | 10.5 | 9.3 | 8.4 |
| 50Hz | 4.1 | 6.8 | 10.2 | 13.6 | 17.1 | 20.4 | 27.3 | 34.1 | 40.9 | 49.1 | 54.6 | 68.2 | 81.9 | 102 | 109 | 123 | 136 | 164 | 218 | 246 | 273 |
| 60Hz | 3.4 | 5.7 | 8.5 | 11.4 | 14.2 | 17.1 | 22.7 | 28.4 | 34.1 | 40.9 | 45.5 | 56.8 | 68.2 | 85.2 | 91 | 102 | 114 | 136 | 182 | 205 | 227 |

▲ 表列转速是基于电机异步转速(50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.
红色部分不适合重载场合使用

0.2KW 立式/VERTICAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----|----------|------|----|--------|
| 出力轴shaft | | 键槽keyway | | | 键key |
| Sh6 | P | W | T | Q | SPEC |
| φ18 | 30 | 5 | 20.2 | 25 | 5*5*25 |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |

11筒电机直径是127mm;定子直径110mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|--------------|----------------|-----|-----|-----|-----|-----|-------|-------|------|-------|-------|------|------|-----|-------|-------|-------|------|----------|
| | | | | | | | | | | | | | | M1 | M2 | | | | | |
| 200W 1/4HP | 40K~128K | 110+18 | 297 | 297 | 297 | 50 | 140 | 121 | 121 | 9 | 12 | 16 | 38 | 128 | 128 | 140.5 | 88.5 | 102 | 102 | 6.7 |
| | 2.5K~180K | 110+22 | 319 | 319 | 319 | 148 | 185 | 169 | 155 | 11 | 12 | 18.17 | 48 | 128 | 128 | 161 | 97.5 | 102 | 102 | 8.6 |
| | 2.5K~180K | 110+22B型法兰 | 319 | 319 | 319 | 55 | 170 | 146.5 | 146.5 | 11 | 11.5 | 18.17 | 48.5 | 128 | 128 | 161 | 97.5 | 102 | 102 | 29.6 |
| | 2.5K~180K | 110+22C型法兰 | 319 | 319 | 319 | 90 | 139 | 145.5 | 145.5 | M8 | 18.17 | 49 | 128 | 128 | 161 | 97.5 | 102 | 102 | 29.6 | |
| | 2.5K~200K | 110+28 | 346 | 346 | 346 | 170 | 220 | 194 | 180 | 12.5 | 15 | 20.83 | 54 | 128 | 128 | 187 | 116 | 102 | 102 | 11 |
| | 2.5K~200K | 110+28B型法兰 | 346 | 346 | 346 | 65 | 200 | 168 | 168 | 11 | 13 | 20.83 | 54 | 128 | 128 | 187 | 116 | 102 | 102 | 16 |
| | 250K~23000K | 110+18+22 | 418 | 418 | 433 | 148 | 185 | 169 | 155 | 11 | 12 | 34.17 | 48 | 128 | 128 | 161 | 97.5 | 102 | 102 | 29.6 |
| | 250K~25000K | 110+18+22B型法兰 | 409 | 409 | 409 | 55 | 170 | 146.5 | 146.5 | 11 | 11.5 | 18.17 | 48.5 | 128 | 128 | 161 | 97.5 | 102 | 102 | 29.6 |
| | 250K~25000K | 110+18+22C型法兰 | 409 | 409 | 409 | 90 | 139 | 145.5 | 145.5 | M8 | 18.17 | 49 | 128 | 128 | 161 | 97.5 | 102 | 102 | 29.6 | |
| | 250K~25000K | 110+18+28 | 446 | 446 | 446 | 170 | 220 | 194 | 180 | 12.5 | 15 | 36.83 | 54 | 128 | 128 | 187 | 116 | 102 | 102 | 29.6 |
| | 250K~25000K | 110+18+28B型法兰 | 446 | 446 | 446 | 65 | 200 | 168 | 168 | 11 | 13 | 20.83 | 54 | 128 | 128 | 187 | 116 | 102 | 102 | 29.6 |
| | 250K~36000K | 110+22+32 | 489 | 489 | 489 | 185 | 255 | 242 | 223 | 13.5 | 15 | 48.39 | 66.3 | 128 | 128 | 264.5 | 160 | 132 | 132 | 29.6 |
| 250K~40000K | 110+28+40 | 554 | 554 | 554 | 230 | 310 | 300 | 274.5 | 16 | 21.5 | 63.03 | 76 | 128 | 128 | 326 | 200 | 167.5 | 167.5 | 29.6 | |
| 250K~38000K | 110+28+50 | 595 | 595 | 595 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 128 | 128 | 326 | 200 | 167.5 | 167.5 | 29.6 | |

外形尺寸 Overall Dimensions(短箱体 Short Case Type)

| 功率 HP-4P | 减速比 Ratio | 定子直径φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|--------------|----------------|-----|-----|-----|-----|-----|-----|-----|------|----|-------|----|------|-----|-------|------|-----|-----|----------|
| | | | | | | | | | | | | | | M1 | M2 | | | | | |
| 200W 1/4HP | 3K~30K | 110+18 | 287 | 287 | 287 | 50 | 140 | 121 | 121 | 9 | 12 | 16 | 38 | 128 | 128 | 140.5 | 88.5 | 102 | 102 | 6.7 |
| | 250K~5400K | 110+18+22 | 408 | 408 | 423 | 148 | 185 | 169 | 155 | 11 | 12 | 34.17 | 48 | 128 | 128 | 161 | 97.5 | 102 | 102 | 29.6 |
| | 250K~6000K | 110+18+28 | 436 | 436 | 436 | 170 | 220 | 194 | 180 | 12.5 | 15 | 36.83 | 54 | 128 | 128 | 187 | 116 | 102 | 102 | 29.6 |

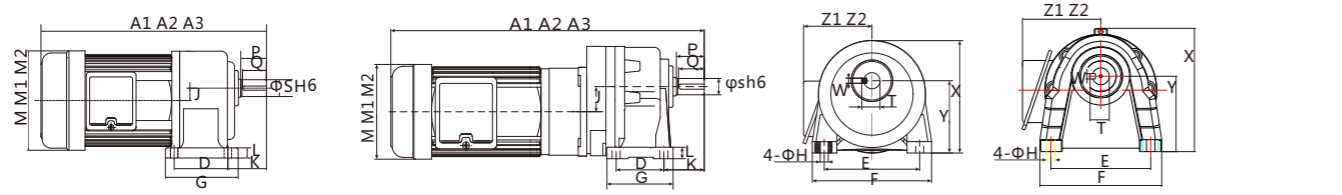
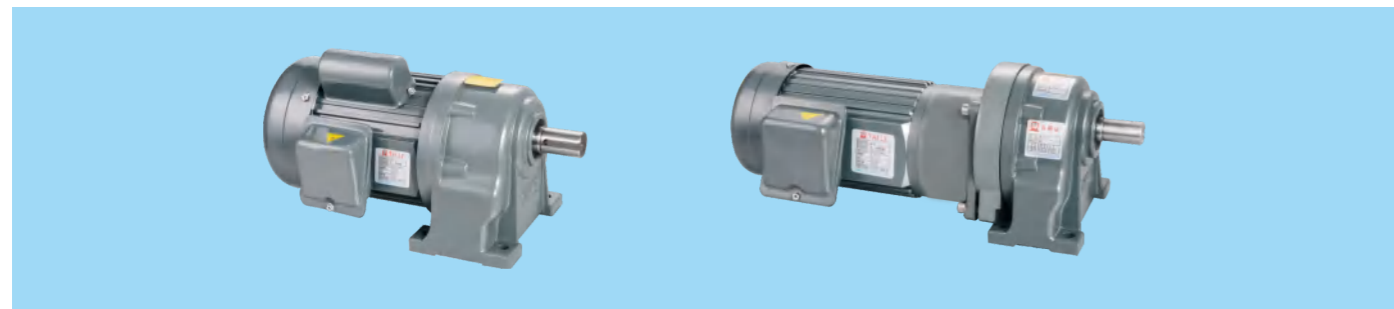
容许转矩 ALLOWABLE TORQUE 单位: N.m

| 减速比 Ratio | 3 | 5 | 7.5 | 10 | 12.5 | 15 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 80 | 90 | 100 | 120 | 160 | 180 | 200 |
|--------------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| | | | | | | | | | | | | | | | | | | | | | |
| 50Hz | 466 | 280 | 187 | 140 | 112 | 93 | 70 | 56 | 47 | 39 | 35 | 28 | 23.3 | 18.7 | 17.5 | 15.6 | 14 | 11.7 | 8.75 | 7.8 | 7 |
| 60Hz | 560 | 336 | 224 | 168 | 134 | 112 | 84 | 67.2 | 56 | 47 | 42 | 33.6 | 28 | 22.4 | 21 | 18.7 | 16.8 | 14 | 10.5 | 9.3 | 8.4 |
| 50Hz | 4.1 | 6.8 | 10.2 | 13.6 | 17.1 | 20.4 | 27.3 | 34.1 | 40.9 | 49.1 | 54.6 | 68.2 | 81.9 | 102 | 109 | 123 | 136 | 164 | 218 | 246 | 273 |
| 60Hz | 3.4 | 5.7 | 8.5 | 11.4 | 14.2 | 17.1 | 22.7 | 28.4 | 34.1 | 40.9 | 45.5 | 56.8 | 68.2 | 85.2 | 91 | 102 | 114 | 136 | 182 | 205 | 227 |

▲ 表列转速是基于电机异步转速(50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.
红色部分不适合重载场合使用

0.4KW 卧式/HORIZONTAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----------|----|------|----|---------|
| 出力轴shaft | 键槽keyway | | 键key | | |
| Sh6 | P | W | T | Q | SPEC |
| φ18 | 30 | 5 | 20.2 | 25 | 5*5*25 |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 |
| φ40 | 65 | 10 | 43.5 | 60 | 10*8*60 |
| φ50 | 77 | 14 | 54 | 75 | 14*9*75 |

11筒电机直径是127mm;定子直径110mm 14筒电机直径是156mm;定子直径140mm

外形尺寸 Overall Dimensions(2#箱体为新款)

| 功率 HP-4P | 减速比 Ratio | 定子直径φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|--------------|----------------|-----|-----|-----|-----|-----|-------|-------|------|------|-------|------|------|-----|-------|-------|-------|-------|----------|
| | | | | | | | | | | | | | | M1 | M2 | | | | | |
| 400W 1/2HP | 40K~128K | 110+18 | 316 | 316 | 316 | 40 | 110 | 134.5 | 64 | 9 | 9.5 | 16 | 48 | 128 | 128 | 140.5 | 88.5 | 102 | 102 | 6.7 |
| | 2.5K~180K | 110+22 | 338 | 338 | 338 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 18.17 | 60 | 128 | 128 | 161 | 97.5 | 102 | 102 | 8.6 |
| | 2.5K~180K | 110+22(2#) | 338 | 338 | 338 | 65 | 130 | 159 | 90 | 11 | 15.5 | 18.17 | 55 | 128 | 128 | 161 | 97.5 | 102 | 102 | 8.6 |
| | 2.5K~200K | 110+28 | 366 | 366 | 366 | 90 | 140 | 179 | 122 | 12.5 | 17 | 20.83 | 64.6 | 128 | 128 | 187 | 116 | 102 | 102 | 11 |
| | 2.5K~200K | 110+28(2#) | 366 | 366 | 366 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 20.83 | 63.5 | 128 | 128 | 187 | 116 | 102 | 102 | 11 |
| | 250K~23000K | 110+18+22 | 437 | 437 | 437 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 34.17 | 60 | 128 | 128 | 161 | 97.5 | 102 | 102 | 8.6 |
| | 250K~23000K | 110+18+22(2#) | 437 | 437 | 437 | 65 | 130 | 159 | 90 | 11 | 15.5 | 34.17 | 55 | 128 | 128 | 161 | 97.5 | 102 | 102 | 8.6 |
| | 250K~25000K | 110+18+28 | 465 | 465 | 465 | 90 | 140 | 179 | 122 | 12.5 | 17 | 36.83 | 64.6 | 128 | 128 | 187 | 116 | 102 | 102 | 8.6 |
| | 250K~25000K | 110+18+28(2#) | 465 | 465 | 465 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 36.83 | 63.5 | 128 | 128 | 187 | 116 | 102 | 102 | 8.6 |
| | 250K~36000K | 110+22+32 | 508 | 508 | 508 | 130 | 170 | 213 | 160 | 13.5 | 27.5 | 48.39 | 76 | 128 | 128 | 223 | 138.5 | 106.5 | 106.5 | 8.6 |
| | 250K~36000K | 110+22+32(2#) | 508 | 511 | 511 | 130 | 170 | 214 | 160 | 13.5 | 26 | 48.39 | 70 | 128 | 128 | 218 | 138.5 | 107 | 107 | 8.6 |
| | 250K~40000K | 110+28+40 | 574 | 574 | 574 | 150 | 210 | 264 | 190 | 16 | 26 | 63.03 | 84 | 128 | 128 | 264.5 | 160 | 132 | 132 | 8.6 |
| | 250K~38000K | 110+28+50 | 614 | 614 | 614 | 170 | 265 | 335 | 212.5 | 19 | 30 | 72.53 | 99 | 128 | 128 | 326 | 200 | 167.5 | 167.5 | 8.6 |

外形尺寸 Overall Dimensions (短箱体)

| 功率 HP-4P | 减速比 Ratio | 定子直径φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|--------------|----------------|-----|-----|-----|----|-----|-------|-----|------|------|-------|------|------|-----|-------|------|-----|-----|----------|
| | | | | | | | | | | | | | | M1 | M2 | | | | | |
| 400W 1/2HP | 3K~30K | 110+18 | 306 | 306 | 306 | 40 | 110 | 134.5 | 64 | 9 | 9.5 | 16 | 48 | 128 | 128 | 140.5 | 90 | 102 | 102 | 6.7 |
| | 250K~5400K | 110+18+22 | 427 | 427 | 427 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 34.17 | 60 | 128 | 128 | 161 | 98.5 | 102 | 102 | 8.6 |
| | 250K~5400K | 110+18+22(2#) | 427 | 427 | 427 | 65 | 130 | 159 | 90 | 11 | 15.5 | 34.17 | 55 | 128 | 128 | 161 | 98 | 102 | 102 | 8.6 |
| | 250K~6000K | 110+18+28 | 455 | 455 | 455 | 90 | 140 | 179 | 122 | 12.5 | 17 | 36.83 | 64.6 | 128 | 128 | 187 | 117 | 102 | 102 | 8.6 |
| | 250K~6000K | 110+18+28(2#) | 455 | 455 | 455 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 36.83 | 63.5 | 128 | 128 | 187 | 117 | 102 | 102 | 8.6 |

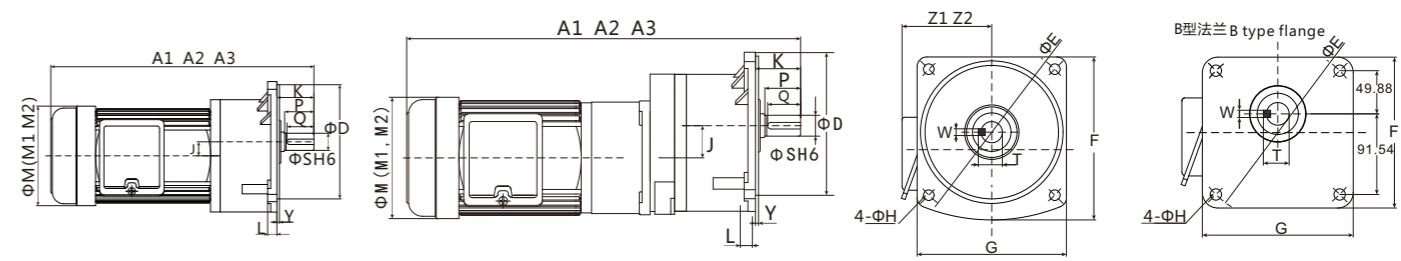
容许转矩 ALLOWABLE TORQUE 单位: N.m

| 转速 Speed RPM | 转矩 Torque | 减速比 Ratio | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------------|-----------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|-----|-----|-----|--|
| | | 3 | 5 | 7.5 | 10 | 12.5 | 15 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 80 | 90 | 100 | 120 | 160 | 180 | 200 | |
| 50Hz | 466 | 280 | 187 | 140 | 112 | 93 | 70 | 56 | 47 | 39 | 35 | 28 | 23.3 | 18.7 | 17.5 | 15.6 | 14 | 11.7 | 8.75 | 7.8 | 7 | | |
| 60Hz | 560 | 336 | 224 | 168 | 134 | 112 | 84 | 67.2 | 56 | 47 | 42 | 33.6 | 28 | 22.4 | 21 | 18.7 | 16.8 | 14 | 10.5 | 9.3 | 8.4 | | |
| 50Hz | 8.2 | 13.6 | 20.5 | 27.3 | 34.1 | 40.9 | 54.5 | 68.2 | 81.9 | 98.2 | 109 | 136 | 164 | 205 | 218 | 246 | 273 | 327 | 436 | 491 | 546 | | |
| 60Hz | 6.8 | 11.4 | 17 | 22.7 | 28.4 | 34.1 | 45.5 | 56.8 | 68.2 | 81.9 | 91 | 114 | 136 | 171 | 182 | 205 | 227 | 273 | 364 | 409 | 455 | | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.
红色部分不合适重載场合使用

0.4KW 立式/VERTICAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----------|----|------|----|---------|
| 出力轴shaft | 键槽keyway | | 键key | | |
| Sh6 | P | W | T | Q | SPEC |
| φ18 | 30 | 5 | 20.2 | 25 | 5*5*25 |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 |

11筒电机直径是127mm;定子直径110mm 14筒电机直径是156mm;定子直径140mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|--------------|----------------|-----|-----|-----|-----|-----|-------|-------|------|-------|-------|------|------|-----|-------|-------|-------|-----|----------|
| | | | | | | | | | | | | | | M1 | M2 | | | | | |
| 400W 1/2HP | 40K~128K | 110+18 | 316 | 316 | 316 | 50 | 140 | 121 | 121 | 9 | 12 | 16 | 38 | 128 | 128 | 4 | 102 | 102 | 6.7 | |
| | 2.5K~180K | 110+22 | 338 | 338 | 338 | 148 | 185 | 169 | 155 | 11 | 12 | 18.17 | 48 | 128 | 128 | 3.5 | 102 | 102 | 8.6 | |
| | 2.5K~180K | 110+22B型法兰 | 338 | 338 | 338 | 55 | 170 | 146.5 | 146.5 | 11 | 11.5 | 18.17 | 48.5 | 128 | 128 | 5.5 | 102 | 102 | 8.6 | |
| | 2.5K~180K | 110+22C型法兰 | 338 | 338 | 338 | 90 | 139 | 145.5 | 145.5 | M8 | 18.17 | 49 | 128 | 128 | 4.5 | 102 | 102 | 8.6 | | |
| | 2.5K~200K | 110+28 | 365 | 365 | 365 | 170 | 220 | 194 | 180 | 12.5 | 15 | 20.83 | 54 | 128 | 128 | 4 | 102 | 102 | 11 | |
| | 2.5K~200K | 110+28B型法兰 | 365 | 365 | 365 | 65 | 200 | 168 | 168 | 11 | 13 | 20.83 | 54 | 128 | 128 | 5 | 102 | 102 | 16 | |
| | 3K~200K | 110+32 | 404 | 404 | 404 | 185 | 255 | 242 | 223 | 13.5 | 15 | 30.22 | 66.3 | 128 | 128 | 1.4 | 111.5 | 111.5 | 11 | |
| | 250K~23000K | 110+18+22 | 437 | 437 | 452 | 148 | 185 | 169 | 155 | 11 | 12 | 34.17 | 48 | 128 | 128 | 3.5 | 102 | 102 | 12 | |
| | 250K~23000K | 110+18+22B型法兰 | 428 | 428 | 428 | 55 | 170 | 146.5 | 146.5 | 11 | 11.5 | 18.17 | 48.5 | 128 | 128 | 5.5 | 102 | 102 | 8.6 | |
| | 250K~23000K | 110+18+22C型法兰 | 428 | 428 | 428 | 90 | 139 | 145.5 | 145.5 | M8 | 18.17 | 49 | 128 | 128 | 4.5 | 102 | 102 | 8.6 | | |
| | 250K~25000K | 110+18+28 | 456 | 456 | 456 | 170 | 220 | 194 | 180 | 12.5 | 15 | 36.83 | 54 | 128 | 128 | 4 | 102 | 102 | 13 | |
| | 250K~25000K | 110+18+28B型法兰 | 456 | 456 | 456 | 65 | 200 | 168 | 168 | 11 | 13 | 20.83 | 54 | 128 | 128 | 5 | 102 | 102 | 16 | |
| | 250K~36000K | 110+22+32 | 508 | 508 | 508 | 185 | 255 | 242 | 223 | 13.5 | 15 | 48.39 | 66.3 | 128 | 128 | 1.4 | 111.5 | 111.5 | 15 | |
| | 250K~40000K | 110+28+40 | 574 | 574 | 574 | 230 | 310 | 300 | 274.5 | 16 | 21.5 | 63.03 | 76 | 128 | 128 | 5 | 138 | 138 | 16 | |
| 250K~38000K | 110+28+50 | 614 | 614 | 614 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 128 | 128 | 5 | 159.5 | 159.5 | 17 | | |

外形尺寸 Overall Dimensions (短箱体)

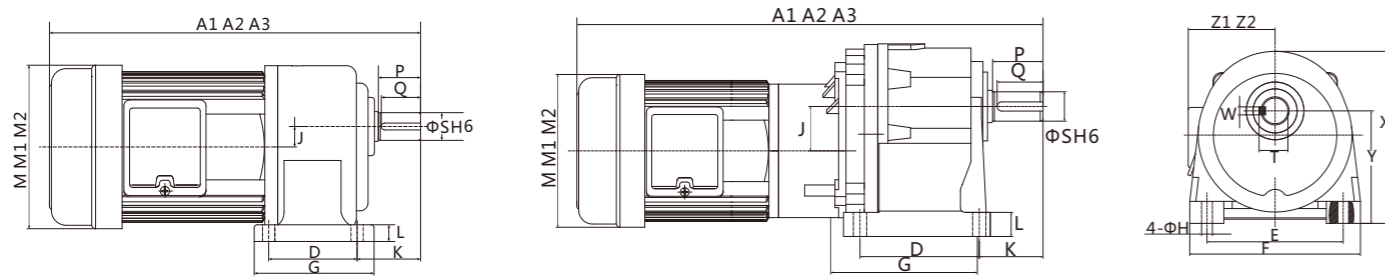
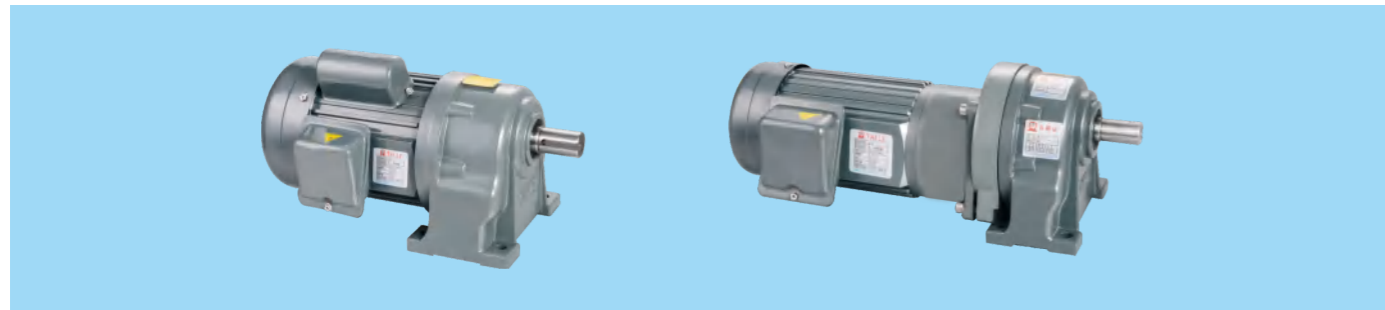
| 功率 HP-4P | 减速比 Ratio | 定子直径φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|---------------|--------------|----------------|-----|-----|-----|-----|-----|-----|-----|------|----|-------|----|------|-----|-----|-----|-----|-----|----------|
| | | | | | | | | | | | | | | M1 | M2 | | | | | |
| 400W 1/2HP | 3K~30K | 110+18 | 306 | 306 | 306 | 50 | 140 | 128 | 121 | 9 | 12 | 16 | 38 | 128 | 128 | 4 | 102 | 102 | 6.7 | |
| | 250K~5400K | 110+18+22 | 427 | 427 | 442 | 148 | 185 | 169 | 155 | 11 | 12 | 34.17 | 48 | 128 | 128 | 3.5 | 102 | 102 | 8.6 | |
| | 250K~6000K | 110+18+28 | 455 | 455 | 455 | 170 | 220 | 194 | 180 | 12.5 | 15 | 36.83 | 54 | 128 | 128 | 4 | 102 | 102 | 8.6 | |

容许转矩 ALLOWABLE TORQUE 单位: N.m

| 转速 Speed RPM | 转矩 Torque | 减速比 Ratio | | | | | | | | | | | | | | | | | | |
|-----------------|--------------|-----------|-----|-----|-----|------|----|----|----|----|----|----|------|------|------|------|----|------|------|-----|
| | | 3 | 5 | 7.5 | 10 | 12.5 | 15 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 80 | 90 | 100 | 120 | 160 |
| 50Hz | 466 | 280 | 187 | 140 | 112 | 93 | 70 | 56 | 47 | 39 | 35 | 28 | 23.3 | 18.7 | 17.5 | 15.6 | 14 | 11.7 | 8.75 | 7.8 |

0.4/0.55KW 卧式/HORIZONTAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----|----------|------|------|---------|
| 出力轴shaft | | 键槽keyway | | 键key | |
| Sh6 | P | W | T | Q | SPEC |
| φ18 | 30 | 5 | 20.2 | 25 | 5*5*25 |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 |

11筒电机直径是127mm;定子直径110mm 14筒电机直径是156mm;定子直径140mm

外形尺寸 Overall Dimensions(2#为新款减速箱)

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1/A2/A3 | | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|--------------------------------|--------------|----------------|----------|-----|-----|-----|-------|-----|------|-------|-------|------|------|-------|-------|-------|-------|-----|----------|
| | | | M1 | M2 | | | | | | | | | | | | | | | |
| 400W 1/2HP 550W 3/4HP | 2.5K~200K | 140+22 | 337 | 347 | 65 | 130 | 162.5 | 90 | 11 | 15.5 | 18.17 | 60 | 167 | 167 | 161 | 97.5 | 102 | 102 | 9/10 |
| | 2.5K~200K | 140+28 | 362 | 372 | 90 | 140 | 179 | 122 | 12.5 | 17 | 20.83 | 64.6 | 167 | 167 | 187 | 116 | 117 | 117 | 14 |
| | 2.5K~200K | 140+28(2#) | 362 | 372 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 20.83 | 63.5 | 167 | 167 | 187 | 116 | 117 | 117 | 14 |
| | 2.5K~200K | 140+32 | 402 | 412 | 130 | 170 | 213 | 160 | 13.5 | 27.5 | 30.22 | 76 | 167 | 167 | 223 | 138.5 | 117 | 117 | 24 |
| | 2.5K~200K | 140+32(2#) | 402 | 412 | 130 | 170 | 214 | 160 | 14.5 | 26 | 30.22 | 70 | 167 | 167 | 218 | 138.5 | 117 | 117 | 24 |
| | 2.5K~200K | 140+40 | 406 | 416 | 150 | 210 | 264 | 190 | 16 | 26 | 42.2 | 84 | 167 | 167 | 264.5 | 160 | 128 | 128 | 47 |
| | 250K~36000K | 140+22+32 | 505 | 515 | 130 | 170 | 213 | 160 | 13.5 | 27.5 | 48.39 | 76 | 167 | 167 | 223 | 138.5 | 117 | 117 | 26 |
| | 250K~36000K | 140+22+32(2#) | 505 | 515 | 130 | 170 | 214 | 160 | 13.5 | 26 | 48.39 | 70 | 167 | 167 | 218 | 138.5 | 117 | 117 | 26 |
| 250K~40000K | 140+28+40 | 570 | 580 | 150 | 210 | 264 | 190 | 16 | 26 | 63.03 | 84 | 167 | 167 | 264.5 | 160 | 132 | 132 | 49 | |
| 250K~38000K | 140+28+50 | 610 | 620 | 170 | 265 | 335 | 212.5 | 19 | 30 | 72.53 | 99 | 167 | 167 | 326 | 200 | 167.5 | 167.5 | 49 | |

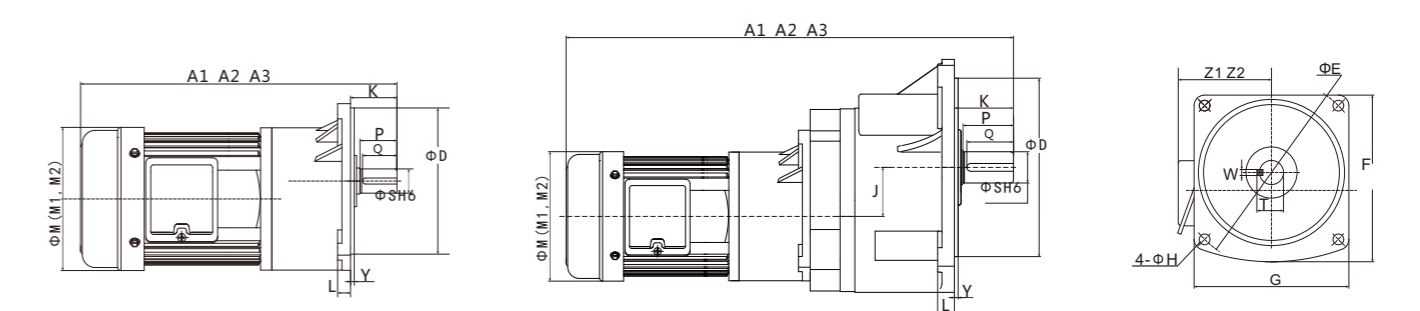
容许转矩 ALLOWABLE TORQUE 单位: N.m

| 减速比 Ratio | 2.5 | 3 | 5 | 7 | 10 | 12.5 | 15 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 108 | 120 | 135 | 150 | 160 | 180 | 200 | |
|------------------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|-----|-----|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 50Hz | 560 | 466 | 280 | 200 | 140 | 112 | 93 | 70 | 56 | 47 | 39 | 35 | 28 | 23.3 | 20 | 17.5 | 15.6 | 14 | 13 | 11.7 | 10.4 | 9.3 | 8.75 | 7.8 | 7 | |
| 60Hz | 672 | 560 | 336 | 240 | 168 | 134 | 112 | 84 | 67.2 | 56 | 47 | 42 | 33.6 | 28 | 24 | 21 | 18.7 | 16.8 | 15.6 | 14 | 12.4 | 11.2 | 10.5 | 9.3 | 8.4 | |
| 400W扭矩 Torque | 50Hz | 6.8 | 8.2 | 13.6 | 19.1 | 27.3 | 34.1 | 40.9 | 54.5 | 68.2 | 81.9 | 98.2 | 109 | 136 | 164 | 191 | 218 | 246 | 273 | 295 | 327 | 368 | 409 | 436 | 491 | 546 |
| 60Hz | 5.7 | 6.8 | 11.4 | 15.9 | 22.7 | 28.4 | 34.1 | 45.5 | 56.8 | 68.2 | 81.9 | 91 | 114 | 136 | 159 | 182 | 205 | 227 | 246 | 273 | 307 | 341 | 364 | 409 | 455 | |
| 550W扭矩 Torque | 50Hz | 9.4 | 11.3 | 18.8 | 26.3 | 37.5 | 46.9 | 56.3 | 75 | 93.8 | 113 | 135 | 150 | 188 | 225 | 263 | 300 | 338 | 375 | 405 | 450 | 506 | 565 | 600 | 675 | 750 |
| 60Hz | 7.8 | 9.4 | 15.6 | 21.9 | 31.3 | 39.1 | 46.9 | 62.5 | 78.2 | 93.8 | 113 | 120 | 156 | 187 | 219 | 250 | 281 | 313 | 338 | 375 | 422 | 469 | 500 | 563 | 625 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.
红色部分不合适重场合使用

0.4/0.55KW 立式/VERTICAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----|----------|------|------|---------|
| 出力轴shaft | | 键槽keyway | | 键key | |
| Sh6 | P | W | T | Q | SPEC |
| φ18 | 30 | 5 | 20.2 | 25 | 5*5*25 |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 |

11筒电机直径是127mm;定子直径110mm 14筒电机直径是156mm;定子直径140mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1/A2/A3 | | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|--------------------------------|--------------|----------------|----------|-----|-----|-----|-------|-------|------|-------|-------|------|------|-----|-------|-------|-------|-----|----------|
| | | | M1 | M2 | | | | | | | | | | | | | | | |
| 400W 1/2HP 550W 3/4HP | 2.5K~200K | 140+22 | 335 | 345 | 148 | 185 | 169 | 155 | 11 | 12 | 18.17 | 48 | 167 | 167 | 161 | 97.5 | 102 | 102 | 8.6 |
| | 2.5K~200K | 140+22B型法兰 | 335 | 345 | 55 | 170 | 146.5 | 146.5 | 11 | 11.5 | 18.17 | 48.5 | 167 | 167 | 187 | 116 | 117 | 117 | 14 |
| | 2.5K~200K | 140+22C型法兰 | 335 | 345 | 90 | 139 | 145.5 | 145.5 | M8 | 18.17 | 49 | 167 | 167 | 187 | 116 | 117 | 117 | 14 | |
| | 2.5K~200K | 140+28 | 362 | 372 | 170 | 220 | 194 | 180 | 12.5 | 15 | 20.83 | 54 | 167 | 167 | 223 | 138.5 | 117 | 117 | 24 |
| | 2.5K~200K | 140+28B型法兰 | 362 | 372 | 65 | 200 | 168 | 168 | 11 | 13 | 20.83 | 54 | 167 | 167 | 218 | 138.5 | 117 | 117 | 26 |
| | 2.5K~200K | 140+32 | 362 | 372 | 170 | 220 | 194 | 180 | 12.5 | 15 | 20.83 | 54 | 167 | 167 | 223 | 138.5 | 117 | 117 | 26 |
| | 250K~36000K | 140+22+32 | 505 | 515 | 185 | 255 | 242 | 223 | 13.5 | 15 | 48.39 | 66.3 | 167 | 167 | 264.5 | 160 | 132 | 132 | 49 |
| | 250K~40000K | 140+28+40 | 570 | 580 | 230 | 310 | 300 | 274.5 | 16 | 21.5 | 63.03 | 76 | 167 | 167 | 264.5 | 160 | 132 | 132 | 49 |
| 250K~38000K | 140+28+50 | 610 | 620 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 167 | 167 | 326 | 200 | 167.5 | 167.5 | 49 | |

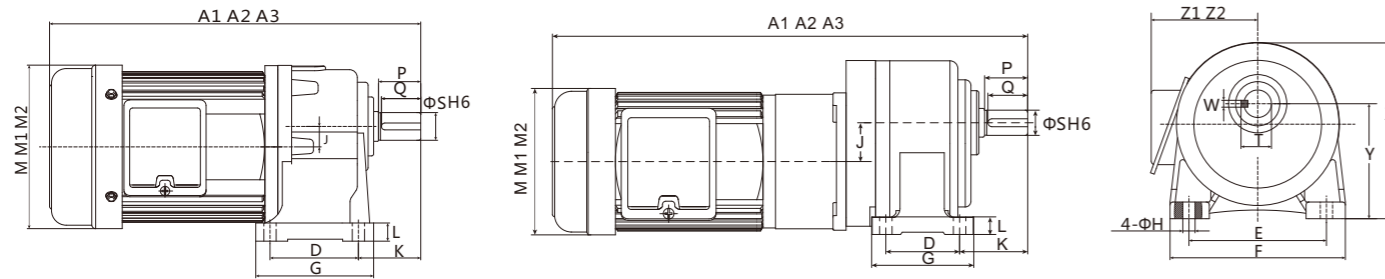
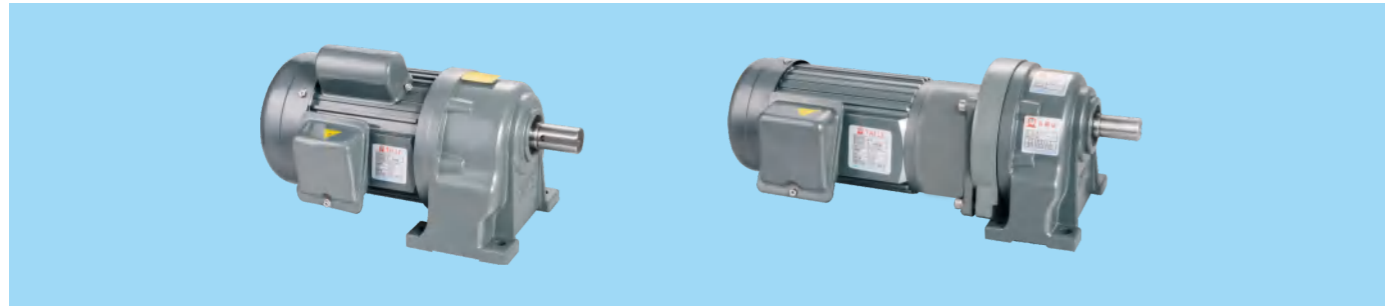
容许转矩 ALLOWABLE TORQUE 单位: N.m

| 减速比 Ratio | 2.5 | 3 | 5 | 7 | 10 | 12.5 | 15 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 108 | 120 | 135 | 150 | 160 | 180 | 200 | |
|------------------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|-----|-----|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 50Hz | 560 | 466 | 280 | 200 | 140 | 112 | 93 | 70 | 56 | 47 | 39 | 35 | 28 | 23.3 | 20 | 17.5 | 15.6 | 14 | 13 | 11.7 | 10.4 | 9.3 | 8.75 | 7.8 | 7 | |
| 60Hz | 672 | 560 | 336 | 240 | 168 | 134 | 112 | 84 | 67.2 | 56 | 47 | 42 | 33.6 | 28 | 24 | 21 | 18.7 | 16.8 | 15.6 | 14 | 12.4 | 11.2 | 10.5 | 9.3 | 8.4 | |
| 400W扭矩 Torque | 50Hz | 6.8 | 8.2 | 13.6 | 19.1 | 27.3 | 34.1 | 40.9 | 54.5 | 68.2 | 81.9 | 98.2 | 109 | 136 | 164 | 191 | 218 | 246 | 273 | 295 | 327 | 368 | 409 | 436 | 491 | 546 |
| 60Hz | 5.7 | 6.8 | 11.4 | 15.9 | 22.7 | 28.4 | 34.1 | 45.5 | 56.8 | 68.2 | 81.9 | 91 | 114 | 136 | 159 | 182 | 205 | 227 | 246 | 273 | 307 | 341 | 364 | 409 | 455 | |
| 550W扭矩 Torque | 50Hz | 9.4 | 11.3 | 18.8 | 26.3 | 37.5 | 46.9 | 56.3 | 75 | 93.8 | 113 | 135 | 150 | 188 | 225 | 263 | 300 | 338 | 375 | 405 | 450 | 506 | 565 | 600 | 675 | 750 |
| 60Hz | 7.8 | 9.4 | 15.6 | 21.9 | 31.3 | 39.1 | 46.9 | 62.5 | 78.2 | 93.8 | 113 | 120 | 156 | 187 | 219 | 250 | 281 | 313 | 338 | 375 | 422 | 469 | 500 | 563 | 625 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.
红色部分不合适重场合使用

0.75KW 卧式/HORIZONTAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | | |
|-------------------|----|----------|------|----|---------|--|
| 出力轴shaft | | 键槽keyway | | | 键key | |
| Sh6 | P | W | T | Q | SPEC | |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 | |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 | |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 | |
| φ40 | 65 | 10 | 43.5 | 60 | 10*8*60 | |

14筒电机直径是156mm;定子直径140mm

外形尺寸 Overall Dimensions(2#为新款减速箱)

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|-------------|--------------|----------------|-----|-----|-----|-----|-----|-----|-------|------|------|-------|------|------|-----|-------|-------|-------|-------|----------|
| | | | M1 | M2 | M1 | M2 | | | | | | | | | | | | | | |
| 750W 1HP | 2.5K~200K | 140+28 | 372 | 372 | 372 | 90 | 140 | 179 | 122 | 12.5 | 17 | 20.83 | 64.6 | 167 | 167 | 187 | 116 | 117 | 117 | 11 |
| | 2.5K~200K | 140+28(2#) | 372 | 372 | 372 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 20.83 | 63.5 | 167 | 167 | 187 | 116 | 117 | 117 | 11 |
| | 3K~200K | 140+32 | 409 | 409 | 409 | 130 | 170 | 213 | 160 | 13.5 | 27.5 | 30.22 | 76 | 167 | 167 | 223 | 138.5 | 117 | 117 | 28 |
| | 3K~200K | 140+32(2#) | 409 | 409 | 409 | 130 | 170 | 214 | 160 | 14.5 | 26 | 30.22 | 70 | 167 | 167 | 218 | 138.5 | 117 | 117 | 28 |
| | 250K~40000K | 140+28+40 | 580 | 580 | 580 | 150 | 210 | 264 | 190 | 16 | 26 | 63.03 | 84 | 167 | 167 | 264.5 | 160 | 132 | 132 | 59 |
| | 250K~38000K | 140+28+50 | 620 | 620 | 620 | 170 | 265 | 335 | 212.5 | 19 | 30 | 72.53 | 99 | 167 | 167 | 326 | 200 | 167.5 | 167.5 | 59 |
| | 250K~38000K | 140+32+50 | 647 | 647 | 647 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 167 | 167 | 326 | 200 | 167.5 | 167.5 | 59 |

容许转矩 ALLOWABLE TORQUE 单位: N.m

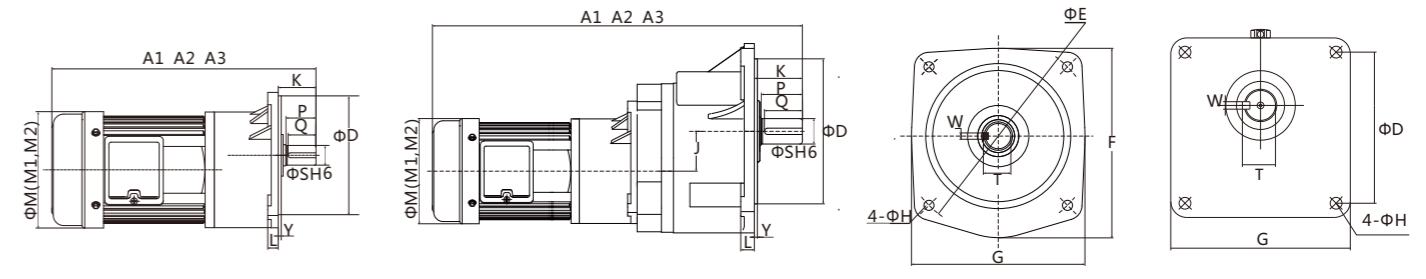
| 减速比 Ratio | 2.5 | 3 | 5 | 7 | 10 | 12.5 | 15 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 108 | 120 | 135 | 150 | 160 | 180 | 200 | |
|-----------------|------|------|------|------|------|------|-----|------|------|-----|-----|-----|------|-----|------|-----|------|------|------|-----|------|------|------|------|-----|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 转速 Speed RPM | 50Hz | 560 | 466 | 280 | 200 | 140 | 112 | 93 | 70 | 56 | 47 | 39 | 35 | 28 | 23.3 | 20 | 17.5 | 15.6 | 14 | 13 | 11.7 | 10.4 | 9.3 | 8.75 | 7.8 | 7 |
| 60Hz | 672 | 560 | 336 | 240 | 168 | 134 | 112 | 84 | 67.2 | 56 | 47 | 42 | 33.6 | 28 | 24 | 21 | 18.7 | 16.8 | 15.6 | 14 | 12.4 | 11.2 | 10.5 | 9.3 | 8.4 | |
| 扭矩 Torque | 50Hz | 13.6 | 15.3 | 25.6 | 35.8 | 51.2 | 64 | 76.7 | 102 | 128 | 153 | 184 | 205 | 256 | 307 | 358 | 409 | 460 | 512 | 553 | 614 | 691 | 770 | 818 | 921 | 1023 |
| 60Hz | 10.7 | 12.8 | 21.3 | 29.8 | 42.6 | 53.3 | 64 | 85.3 | 107 | 128 | 153 | 171 | 213 | 256 | 298 | 341 | 384 | 426 | 459 | 512 | 576 | 639 | 682 | 767 | 853 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min)额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.

红色部分不合适重场合使用

0.75KW 立式/VERTICAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | | |
|-------------------|----|----------|------|----|---------|--|
| 出力轴shaft | | 键槽keyway | | | 键key | |
| Sh6 | P | W | T | Q | SPEC | |
| φ22 | 38 | 7 | 25 | 35 | 7*7*35 | |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 | |
| φ28(B) | 43 | 7 | 31 | 40 | 7*7*40 | |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 | |
| φ40 | 65 | 10 | 43.5 | 60 | 10*8*60 | |

14筒电机直径是156mm;定子直径140mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|-------------|--------------|----------------|-----|-----|-----|-----|-----|-----|-------|------|------|-------|------|------|-----|-----|-------|-------|----|----------|
| | | | M1 | M2 | M1 | M2 | | | | | | | | | | | | | | |
| 750W 1HP | 2.5K~200K | 140+28 | 372 | 372 | 372 | 170 | 220 | 194 | 180 | 12.5 | 15 | 20.83 | 54 | 167 | 167 | 4 | 117 | 117 | 15 | |
| | 2.5K~200K | 140+28B型法兰 | 378 | 378 | 378 | 65 | 200 | 168 | 168 | 11 | 13 | 20.83 | 54 | 167 | 167 | 5 | 102 | 102 | 16 | |
| | 3K~200K | 140+32 | 409 | 409 | 409 | 185 | 255 | 242 | 223 | 13.5 | 15 | 30.22 | 66.3 | 167 | 167 | 1.4 | 117 | 117 | 28 | |
| | 250K~40000K | 140+28+40 | 580 | 580 | 580 | 230 | 310 | 300 | 274.5 | 16 | 21.5 | 63.03 | 76 | 167 | 167 | 5 | 138 | 138 | 59 | |
| | 250K~38000K | 140+28+50 | 620 | 620 | 620 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 167 | 167 | 5 | 159.5 | 159.5 | 59 | |
| | 250K~38000K | 140+32+50 | 647 | 647 | 647 | 280 | 390 | 361 | 319 | 19 | 20 | 81.92 | 85 | 167 | 167 | 5 | 159.5 | 159.5 | 59 | |

容许转矩 ALLOWABLE TORQUE 单位: N.m

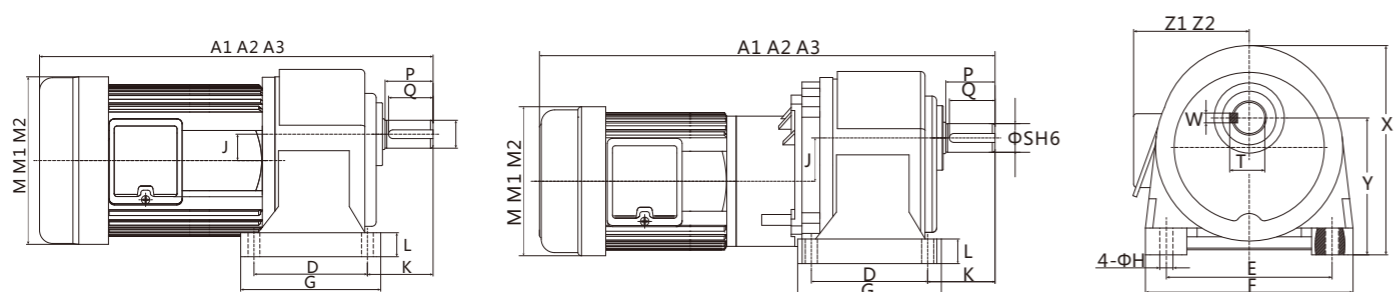
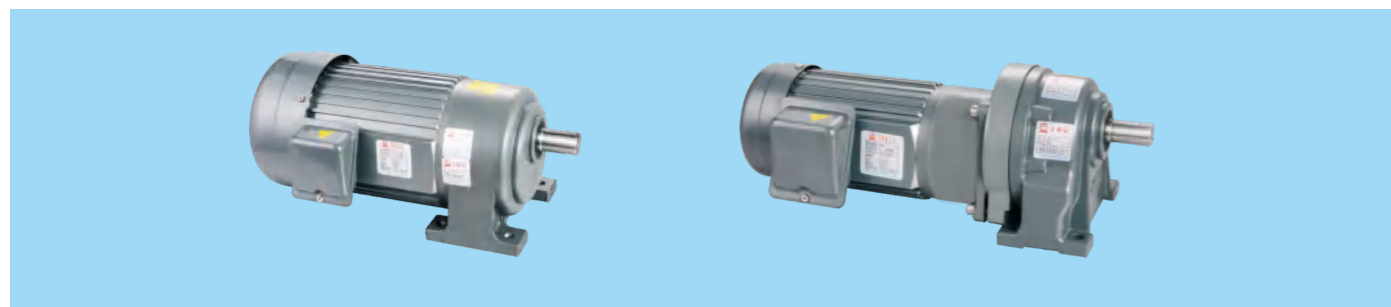
| 减速比 Ratio | 2.5 | 3 | 5 | 7 | 10 | 12.5 | 15 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 108 | 120 | 135 | 150 | 160 | 180 | 200 | |
|-----------------|------|------|------|------|------|------|-----|------|------|-----|-----|-----|------|-----|------|-----|------|------|------|-----|------|------|------|------|-----|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 转速 Speed RPM | 50Hz | 560 | 466 | 280 | 200 | 140 | 112 | 93 | 70 | 56 | 47 | 39 | 35 | 28 | 23.3 | 20 | 17.5 | 15.6 | 14 | 13 | 11.7 | 10.4 | 9.3 | 8.75 | 7.8 | 7 |
| 60Hz | 672 | 560 | 336 | 240 | 168 | 134 | 112 | 84 | 67.2 | 56 | 47 | 42 | 33.6 | 28 | 24 | 21 | 18.7 | 16.8 | 15.6 | 14 | 12.4 | 11.2 | 10.5 | 9.3 | 8.4 | |
| 扭矩 Torque | 50Hz | 13.6 | 15.3 | 25.6 | 35.8 | 51.2 | 64 | 76.7 | 102 | 128 | 153 | 184 | 205 | 256 | 307 | 358 | 409 | 460 | 512 | 553 | 614 | 691 | 770 | 818 | 921 | 1023 |
| 60Hz | 10.7 | 12.8 | 21.3 | 29.8 | 42.6 | 53.3 | 64 | 85.3 | 107 | 128 | 153 | 171 | 213 | 256 | 298 | 341 | 384 | 426 | 459 | 512 | 576 | 639 | 682 | 767 | 853 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min)额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.

红色部分不合适重场合使用

1.5/2.2KW 卧式/HORIZONTAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----|----------|------|----|---------|
| 出力轴shaft | | 键槽keyway | | | 键key |
| Sh6 | P | W | T | Q | SPEC |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 |
| φ40 | 65 | 10 | 43.5 | 60 | 10*8*60 |
| φ50 | 77 | 14 | 54 | 75 | 14*9*75 |

16筒电机直径是192mm;定子直径160mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1/A2/A3 | | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|--------------|--------------|----------------|----------|-----|-----|-----|-----|-------|------|------|-------|------|------|-----|-------|-------|-------|-------|----------|
| | | | M1 | M2 | | | | | | | | | | | | | | | |
| 1500W 2HP | 3K~200K | 160+28 | 426 | 456 | 90 | 140 | 179 | 122 | 12.5 | 17 | 20.83 | 64.6 | 193 | 193 | 192 | 116 | 128 | 128 | 15 |
| | 3K~200K | 160+28(2#) | 426 | 456 | 90 | 140 | 179 | 120 | 12.5 | 18.5 | 20.83 | 63.5 | 193 | 193 | 192 | 116 | 128 | 128 | 15 |
| 2200W 3HP | 3K~200K | 160+32 | 466 | 496 | 130 | 170 | 213 | 160 | 13.5 | 27.5 | 30.22 | 76 | 193 | 193 | 223 | 138.5 | 128 | 128 | 34 |
| | 3K~200K | 160+32(2#) | 466 | 496 | 130 | 170 | 214 | 160 | 14.5 | 26 | 30.22 | 70 | 193 | 193 | 218 | 138.5 | 128 | 128 | 34 |
| | 3K~200K | 160+40 | 493 | 523 | 150 | 210 | 264 | 190 | 16 | 26 | 42.2 | 84 | 193 | 193 | 264.5 | 160 | 128 | 128 | 47 |
| | 3K~200K | 160+50 | 525 | 555 | 170 | 265 | 264 | 190 | 16 | 26 | 42.2 | 84 | 193 | 193 | 264.5 | 200 | 128 | 128 | 47 |
| | 250K~40000K | 160+28+40 | 634 | 664 | 150 | 210 | 264 | 190 | 16 | 26 | 63.03 | 84 | 193 | 193 | 264.5 | 160 | 132 | 132 | 60 |
| | 250K~40000K | 160+28+50 | 674 | 704 | 170 | 265 | 335 | 212.5 | 19 | 30 | 72.53 | 99 | 193 | 193 | 326 | 200 | 167.5 | 167.5 | 60 |
| | 250K~38000K | 160+32+50 | 704 | 734 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 193 | 193 | 325 | 200 | 167.5 | 167.5 | 60 |

容许转矩 ALLOWABLE TORQUE 单位：N.m

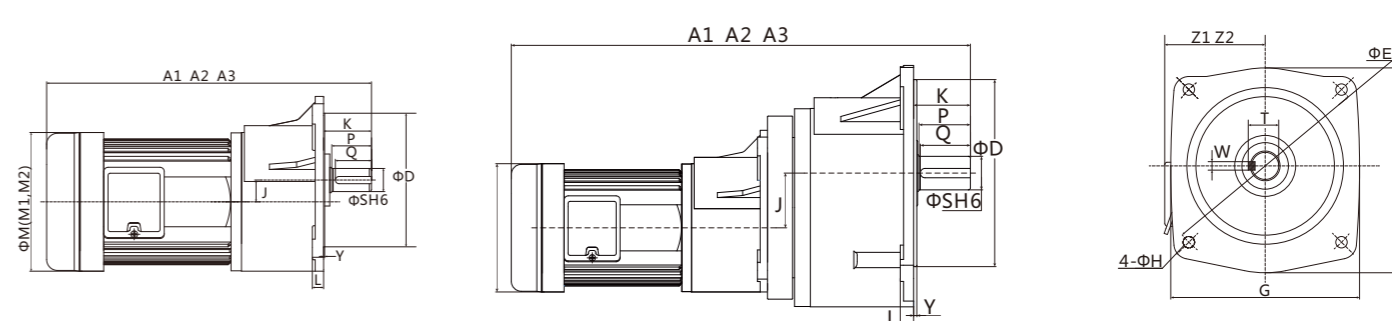
| 减速比 Ratio | 3 | 4 | 5 | 6 | 7.5 | 8 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 80 | 100 | 108 | 125 | 160 | 180 | 200 | |
|-------------------|------|------|------|------|------|------|------|-----|-----|------|-----|-----|------|------|------|------|------|------|------|------|------|------|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 50Hz | 466 | 350 | 280 | 233 | 186 | 175 | 140 | 93 | 70 | 56 | 47 | 35 | 28 | 23.3 | 18.7 | 17.5 | 14 | 13 | 11.2 | 8.75 | 7.8 | 7 | |
| 60Hz | 560 | 420 | 336 | 280 | 224 | 210 | 168 | 112 | 84 | 67.2 | 56 | 42 | 33.6 | 28 | 22.4 | 21 | 16.8 | 15.6 | 13.4 | 10.5 | 9.3 | 8.4 | |
| 1.5KW扭矩 Torque | 50Hz | 30.7 | 40.9 | 51.2 | 61.4 | 76.7 | 81.8 | 102 | 153 | 204 | 256 | 307 | 409 | 512 | 614 | 767 | 818 | 1023 | 1105 | 1279 | 1637 | 1841 | 2046 |
| 60Hz | 25.6 | 34.1 | 42.6 | 51.2 | 64 | 68 | 85.3 | 128 | 170 | 213 | 256 | 341 | 426 | 511 | 640 | 682 | 853 | 920 | 1065 | 1364 | 1535 | 1705 | |
| 2.2KW扭矩 Torque | 50Hz | 45 | 60 | 75 | 90 | 112 | 120 | 150 | 225 | 300 | 375 | 450 | 600 | 750 | 900 | 1125 | 1200 | 1500 | 1621 | 1876 | 2401 | 2701 | 3001 |
| 60Hz | 37 | 50 | 63 | 75 | 94 | 100 | 125 | 187 | 250 | 313 | 375 | 500 | 625 | 750 | 937 | 1000 | 1250 | 1350 | 1563 | 2000 | 2251 | 2501 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.

红色部分不合适重载场合使用

1.5/2.2KW 立式/ VERTICAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | |
|-------------------|----|----------|------|----|---------|
| 出力轴shaft | | 键槽keyway | | | 键key |
| Sh6 | P | W | T | Q | SPEC |
| φ28 | 43 | 7 | 31 | 40 | 7*7*40 |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 |
| φ40 | 65 | 10 | 43.5 | 60 | 10*8*60 |
| φ50 | 77 | 14 | 54 | 75 | 14*9*75 |

16筒电机直径是192mm;定子直径160mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1/A2/A3 | | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|--------------|--------------|----------------|----------|-----|-----|-----|-----|-------|------|------|-------|------|------|-----|-----|-------|-------|----|----------|
| | | | M1 | M2 | | | | | | | | | | | | | | | |
| 1500W 2HP | 2.5K~200K | 160+28 | 426 | 426 | 170 | 220 | 194 | 180 | 12.5 | 15 | 20.83 | 54 | 193 | 193 | 4 | 128 | 128 | 15 | |
| | 2.5K~200K | 160+28B型法兰 | 426 | 426 | 65 | 200 | 168 | 168 | 11 | 13 | 20.83 | 54 | 128 | 128 | 5 | 102 | 102 | 16 | |
| 2200W 3HP | 3K~200K | 160+32 | 466 | 466 | 185 | 255 | 242 | 223 | 13.5 | 15 | 30.22 | 66.3 | 193 | 193 | 1.4 | 128 | 128 | 34 | |
| | 3K~200K | 160+40 | 493 | 493 | 230 | 310 | 300 | 274.5 | 16 | 21.5 | 42.2 | 76 | 193 | 193 | 5 | 138 | 138 | 47 | |
| | 250K~40000K | 160+28+40 | 634 | 634 | 230 | 310 | 300 | 274.5 | 16 | 21.5 | 63.03 | 76 | 193 | 193 | 5 | 138 | 138 | 60 | |
| | 250K~38000K | 160+28+50 | 674 | 674 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 193 | 193 | 5 | 159.5 | 159.5 | 60 | |
| | 250K~38000K | 160+32+50 | 704 | 704 | 280 | 390 | 361 | 319 | 19 | 20 | 81.92 | 85 | 193 | 193 | 5 | 159.5 | 159.5 | 60 | |

容许转矩 ALLOWABLE TORQUE 单位：N.m

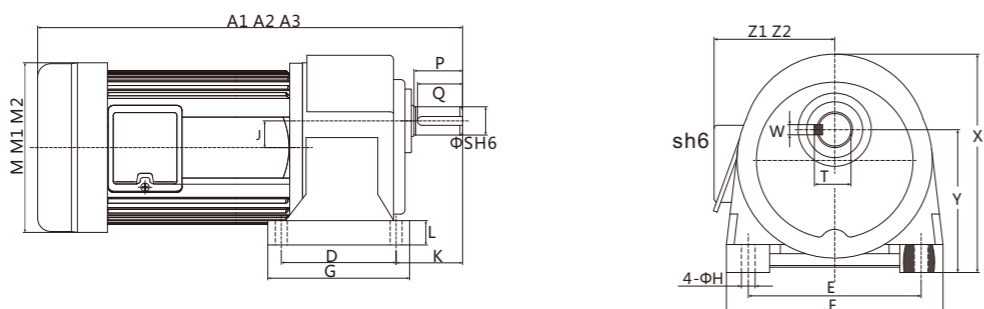
| 减速比 Ratio | 3 | 4 | 5 | 6 | 7.5 | 8 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 80 | 100 | 108 | 125 | 160 | 180 | 200 | |
|-------------------|------|------|------|------|------|------|------|-----|-----|------|-----|-----|------|------|------|------|------|------|------|------|------|------|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 50Hz | 466 | 350 | 280 | 233 | 186 | 175 | 140 | 93 | 70 | 56 | 47 | 35 | 28 | 23.3 | 18.7 | 17.5 | 14 | 13 | 11.2 | 8.75 | 7.8 | 7 | |
| 60Hz | 560 | 420 | 336 | 280 | 224 | 210 | 168 | 112 | 84 | 67.2 | 56 | 42 | 33.6 | 28 | 22.4 | 21 | 16.8 | 15.6 | 13.4 | 10.5 | 9.3 | 8.4 | |
| 1.5KW扭矩 Torque | 50Hz | 30.7 | 40.9 | 51.2 | 61.4 | 76.7 | 81.8 | 102 | 153 | 204 | 256 | 307 | 409 | 512 | 614 | 767 | 818 | 1023 | 1105 | 1279 | 1637 | 1841 | 2046 |
| 60Hz | 25.6 | 34.1 | 42.6 | 51.2 | 64 | 68 | 85.3 | 128 | 170 | 213 | 256 | 341 | 426 | 511 | 640 | 682 | 853 | 920 | 1065 | 1364 | 1535 | 1705 | |
| 2.2KW扭矩 Torque | 50Hz | 45 | 60 | 75 | 90 | 112 | 120 | 150 | 225 | 300 | 375 | 450 | 600 | 750 | 900 | 1125 | 1200 | 1500 | 1621 | 1876 | 2401 | 2701 | 3001 |
| 60Hz | 37 | 50 | 63 | 75 | 94 | 100 | 125 | 187 | 250 | 313 | 375 | 500 | 625 | 750 | 937 | 1000 | 1250 | 1350 | 1563 | 2000 | 2251 | 2501 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.

红色部分不合适重载场合使用

3.0/3.7/5KW 卧式 /HORIZONTAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | | |
|-------------------|----|----------|------|----|---------|--|
| 出力轴shaft | | 键槽keyway | | | 键key | |
| Sh6 | P | W | T | Q | SPEC | |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 | |
| φ40 | 65 | 10 | 43.5 | 60 | 10*8*60 | |
| φ50 | 77 | 14 | 54 | 75 | 14*9*75 | |

18筒电机直径是220mm;定子直径180mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 A2 A3 | | | D E F G H L J K | | | | | | | | | | 罩壳直径 M1 M2 | | X Y | | Z1 Z2 | | 重量 KG |
|--------------|--------------|----------------|----------|-----|-----|-----------------|-----|-----|-------|----|----|-------|----|-----|-----|---------------|-----|-------|-------|-------|--|----------|
| | | | A1 | A2 | A3 | D | E | F | G | H | L | J | K | M1 | M2 | X | Y | Z1 | Z2 | | | |
| 3KW 4HP | 3K~200K | 180+40 | 475 | 475 | 475 | 150 | 210 | 264 | 190 | 16 | 26 | 42.2 | 84 | 212 | 212 | 264.5 | 160 | 138 | 138 | 50 | | |
| | 3K~200K | 180+50 | 518 | 518 | 518 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| | 250K~4000K | 180+40+50 | 721 | 721 | 721 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| 3.7KW 5HP | 3K~200K | 180+40 | 493 | 493 | 493 | 150 | 210 | 264 | 190 | 16 | 26 | 42.2 | 84 | 212 | 212 | 264.5 | 160 | 138 | 138 | 57 | | |
| | 3K~200K | 180+50 | 546 | 546 | 546 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| | 250K~4000K | 180+40+50 | 748 | 748 | 748 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| 5KW 5.5HP | 3K~200K | 180+40 | 493 | 493 | 493 | 150 | 210 | 264 | 190 | 16 | 26 | 42.2 | 84 | 212 | 212 | 264.5 | 160 | 138 | 138 | 57 | | |
| | 3K~200K | 180+50 | 570 | 570 | 570 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| | 250K~4000K | 180+40+50 | 777 | 777 | 777 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |

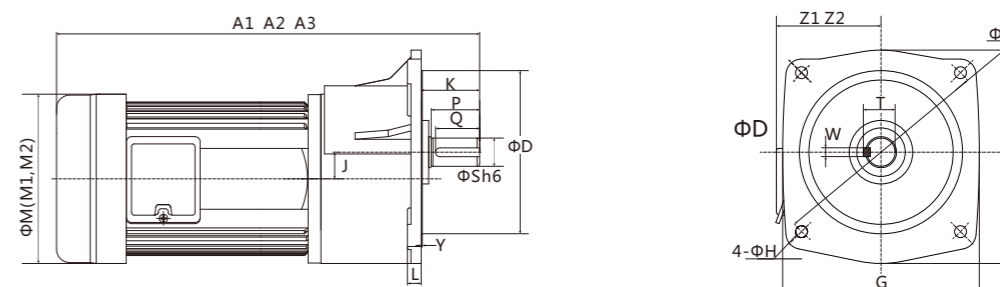
容许转矩 ALLOWABLE TORQUE 单位: N.m

| 减速比 Ratio | 3 | 4 | 5 | 6 | 8 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | |
|-------------------|------|------|------|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 50Hz | 466 | 350 | 280 | 233 | 175 | 140 | 93 | 70 | 56 | 47 | 35 | 28 | 23.3 | 18.7 | 17.5 | 15.5 | 14 | 13 | 10 | 8.75 | 7.8 | 7 | |
| 60Hz | 560 | 420 | 336 | 280 | 210 | 168 | 112 | 84 | 67.2 | 56 | 42 | 33.6 | 28 | 22.4 | 21 | 18.6 | 16.8 | 15.6 | 12 | 10.5 | 9.3 | 8.4 | |
| 3KW扭矩 Torque | 50Hz | 61.4 | 81.8 | 102 | 123 | 164 | 204 | 307 | 409 | 512 | 613 | 818 | 1023 | 1228 | 1535 | 1637 | 1842 | 2046 | 2455 | 2865 | 3274 | 3683 | 4093 |
| 60Hz | 51.2 | 68 | 85 | 102 | 136 | 170 | 256 | 341 | 426 | 512 | 682 | 853 | 1023 | 1279 | 1364 | 1535 | 1705 | 2046 | 2387 | 2728 | 3069 | 3411 | |
| 3.7KW扭矩 Torque | 50Hz | 75.7 | 101 | 126 | 151 | 202 | 252 | 378 | 505 | 631 | 757 | 1009 | 1262 | 1514 | 1893 | 2019 | 2271 | 2524 | 3029 | 3533 | 4038 | 4543 | 5048 |
| 60Hz | 63 | 84 | 105 | 126 | 168 | 210 | 315 | 420 | 525 | 630 | 841 | 1052 | 1262 | 1577 | 1682 | 1893 | 2103 | 2524 | 2944 | 3365 | 3785 | 4206 | |
| 5KW扭矩 Torque | 50Hz | 102 | 136 | 170 | 204 | 273 | 341 | 511 | 682 | 852 | 1023 | 1364 | 1705 | 2064 | 2558 | 2728 | 3069 | 3410 | 3673 | 4775 | 5457 | 6139 | 6821 |
| 60Hz | 85 | 114 | 142 | 170 | 227 | 284 | 426 | 568 | 710 | 852 | 1136 | 1421 | 1705 | 2131 | 2273 | 2558 | 2842 | 3060 | 3979 | 4547 | 5116 | 5684 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.
红色部分不合适重场合使用

3.0/3.7/5KW 立式 /VERTICAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;
A3为三相带刹车马达尺寸;
A2、M2、Z2为单相马达尺寸。
Note:A1/M1/Z1 are the sizes of three-phase motors;
A3 is the size of three-phase motors with brakes
A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | | |
|-------------------|----|----------|------|----|---------|--|
| 出力轴shaft | | 键槽keyway | | | 键key | |
| Sh6 | P | W | T | Q | SPEC | |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 | |
| φ40 | 65 | 10 | 43.5 | 60 | 10*8*60 | |
| φ50 | 77 | 14 | 54 | 75 | 14*9*75 | |

18筒电机直径是220mm;定子直径180mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 A2 A3 | | | D E F G H L J K | | | | | | | | | | 罩壳直径 M1 M2 | | X Y | | Z1 Z2 | | 重量 KG |
|--------------|--------------|----------------|----------|-----|-----|-----------------|-----|-----|-------|----|------|-------|----|-----|-----|---------------|-----|-------|-------|-------|--|----------|
| | | | A1 | A2 | A3 | D | E | F | G | H | L | J | K | M1 | M2 | X | Y | Z1 | Z2 | | | |
| 3KW 4HP | 3K~200K | 180+40 | 477 | 477 | 477 | 230 | 310 | 300 | 274.5 | 16 | 21.5 | 42.2 | 76 | 212 | 212 | 264.5 | 160 | 138 | 138 | 50 | | |
| | 3K~200K | 180+50 | 521 | 521 | 521 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| | 250K~4000K | 180+40+50 | 728 | 728 | 728 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| 3.7KW 5HP | 3K~200K | 180+40 | 496 | 496 | 496 | 230 | 310 | 300 | 274.5 | 16 | 21.5 | 42.2 | 76 | 212 | 212 | 264.5 | 160 | 138 | 138 | 57 | | |
| | 3K~200K | 180+50 | 546 | 546 | 546 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| | 250K~4000K | 180+40+50 | 755 | 755 | 755 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| 5KW 5.5HP | 3K~200K | 180+40 | 525 | 525 | 525 | 230 | 310 | 300 | 274.5 | 16 | 21.5 | 42.2 | 76 | 212 | 212 | 264.5 | 160 | 138 | 138 | 57 | | |
| | 3K~200K | 180+50 | 568 | 568 | 568 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |
| | 250K~4000K | 180+40+50 | 771 | 771 | 771 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 | | |

容许转矩 ALLOWABLE TORQUE 单位: N.m

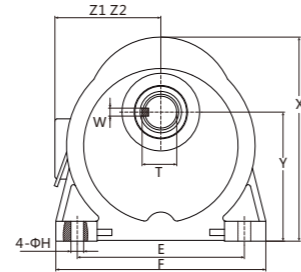
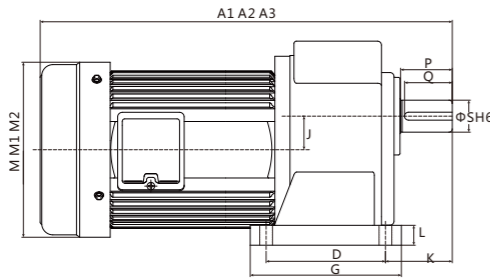
| 减速比 Ratio | 3 | 4 | 5 | 6 | 8 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | |
|-------------------|------|------|------|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 50Hz | 466 | 350 | 280 | 233 | 175 | 140 | 93 | 70 | 56 | 47 | 35 | 28 | 23.3 | 18.7 | 17.5 | 15.5 | 14 | 13 | 10 | 8.75 | 7.8 | 7 | |
| 60Hz | 560 | 420 | 336 | 280 | 210 | 168 | 112 | 84 | 67.2 | 56 | 42 | 33.6 | 28 | 22.4 | 21 | 18.6 | 16.8 | 15.6 | 12 | 10.5 | 9.3 | 8.4 | |
| 3KW扭矩 Torque | 50Hz | 61.4 | 81.8 | 102 | 123 | 164 | 204 | 307 | 409 | 512 | 613 | 818 | 1023 | 1228 | 1535 | 1637 | 1842 | 2046 | 2455 | 2865 | 3274 | 3683 | 4093 |
| 60Hz | 51.2 | 68 | 85 | 102 | 136 | 170 | 256 | 341 | 426 | 512 | 682 | 853 | 1023 | 1279 | 1364 | 1535 | 1705 | 2046 | 2387 | 2728 | 3069 | 3411 | |
| 3.7KW扭矩 Torque | 50Hz | 75.7 | 101 | 126 | 151 | 202 | 252 | 378 | 505 | 631 | 757 | 1009 | 1262 | 1514 | 1893 | 2019 | 2271 | 2524 | 3029 | 3533 | 4038 | 4543 | 5048 |
| 60Hz | 63 | 84 | 105 | 126 | 168 | 210 | 315 | 420 | 525 | 630 | 841 | 1052 | 1262 | 1577 | 1682 | 1893 | 2103 | 2524 | 2944 | 3365 | 3785 | 4206 | |
| 5KW扭矩 Torque | 50Hz | 102 | 136 | 170 | 204 | 273 | 341 | 511 | 682 | 852 | 1023 | 1364 | 1705 | 2064 | 2558 | 2728 | 3069 | 3410 | 3673 | 4775 | 5457 | 6139 | 6821 |
| 60Hz | 85 | 114 | 142 | 170 | 227 | 284 | 426 | 568 | 710 | 852 | 1136 | 1421 | 1705 | 2131 | 2273 | 2558 | 2842 | 3060 | 3979 | 4547 | 5116 | 5684 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。
1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680r/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.
红色部分不合适重场合使用

5/5.5/7.5KW

卧式 / HORIZONTAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;

A3为三相带刹车马达尺寸;

A2、M2、Z2为单相马达尺寸。

Note:A1/M1/Z1 are the sizes of three-phase motors;

A3 is the size of three-phase motors with brakes

A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | | |
|-------------------|----|----------|------|----|---------|--|
| 出力轴shaft | | 键槽keyway | | | 键key | |
| Sh6 | P | W | T | Q | SPEC | |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 | |
| φ40 | 65 | 10 | 43.5 | 60 | 10*8*60 | |
| φ50 | 77 | 14 | 54 | 75 | 14*9*75 | |

210筒电机直径是272mm;定子直径210mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|-------------|--------------|----------------|-----|-----|-----|-----|-----|-----|-------|----|----|-------|----|------|-----|-----|-----|-------|-------|----------|
| | | | M1 | M2 | M1 | M2 | X | Y | Z1 | Z2 | | | | | | | | | | |
| 4KW 5HP | 3K~200K | 210+50 | 537 | 537 | 601 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 |
| 5.5KW 7.5HP | 3K~200K | 210+50 | 567 | 567 | 631 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 |
| 7.5KW 10HP | 3K~200K | 210+50 | 622 | 622 | 686 | 170 | 265 | 335 | 212.5 | 19 | 30 | 81.92 | 99 | 212 | 212 | 325 | 200 | 167.5 | 167.5 | 60 |

容许转矩 ALLOWABLE TORQUE 单位: N.m

| 减速比 Ratio | 3 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 80 | 90 | 100 | 110 | 125 | 140 | 190 | |
|-------------------|------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 50Hz | 466 | 350 | 280 | 233 | 186 | 155 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 35 | 28 | 23.3 | 18.7 | 17.5 | 15.5 | 14 | 12.7 | 11.2 | 10 | 7.4 | |
| 60Hz | 560 | 420 | 336 | 280 | 224 | 186 | 168 | 134 | 112 | 93 | 84 | 67.2 | 56 | 42 | 33.6 | 28 | 22.4 | 21 | 18.6 | 16.8 | 15.3 | 13.4 | 12 | 8.8 | |
| 4KW扭矩 Torque | 50Hz | 102 | 136 | 170 | 204 | 255 | 307 | 341 | 426 | 511 | 614 | 682 | 852 | 1023 | 1364 | 1705 | 2064 | 2558 | 2728 | 3069 | 3410 | 3751 | 4263 | 4775 | 6480 |
| 60Hz | 85 | 114 | 142 | 170 | 213 | 256 | 284 | 355 | 426 | 512 | 568 | 710 | 852 | 1136 | 1421 | 1705 | 2131 | 2273 | 2558 | 2842 | 3126 | 3552 | 3979 | 5400 | |
| 5.5KW扭矩 Torque | 50Hz | 112 | 150 | 187 | 225 | 281 | 337 | 375 | 468 | 562 | 675 | 750 | 938 | 1125 | 1500 | 1875 | 2251 | 2813 | 3001 | 3376 | 3751 | 4126 | 4689 | 5252 | 7128 |
| 60Hz | 94 | 125 | 156 | 188 | 234 | 281 | 312 | 390 | 469 | 562 | 625 | 782 | 938 | 1250 | 1563 | 1875 | 2344 | 2501 | 2813 | 3126 | 3433 | 3908 | 4377 | 5940 | |
| 7.5KW扭矩 Torque | 50Hz | 153 | 204 | 255 | 306 | 383 | 460 | 511 | 639 | 767 | 921 | 1023 | 1279 | 1534 | 2046 | 2558 | 3069 | 3837 | 4092 | 4604 | 5116 | 5639 | 6395 | 7162 | 9720 |
| 60Hz | 127 | 170 | 213 | 255 | 319 | 383 | 426 | 532 | 639 | 767 | 852 | 1065 | 1279 | 1705 | 2131 | 2558 | 3197 | 3410 | 3837 | 4263 | 4681 | 5329 | 5968 | 8100 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。

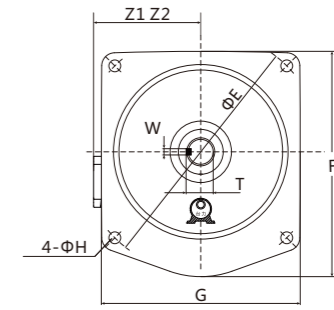
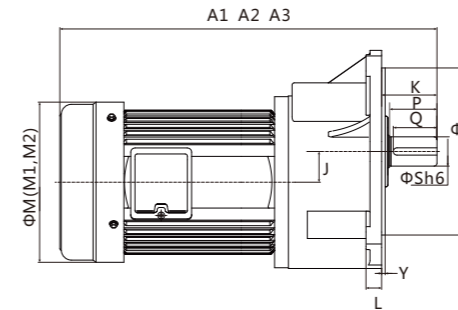
- 1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
- 2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
- 3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.

红色部分不合适重载场合使用

5/5.5/7.5KW

立式 / VERTICAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



备注:A1、M1、Z1为三相马达尺寸;

A3为三相带刹车马达尺寸;

A2、M2、Z2为单相马达尺寸。

Note:A1/M1/Z1 are the sizes of three-phase motors;

A3 is the size of three-phase motors with brakes

A2/M2/Z2 are the sizes of single-phase motors

| 出力轴尺寸output shaft | | | | | | |
|-------------------|----|----------|------|----|---------|--|
| 出力轴shaft | | 键槽keyway | | | 键key | |
| Sh6 | P | W | T | Q | SPEC | |
| φ32 | 55 | 10 | 35.5 | 50 | 10*8*50 | |
| φ40 | 65 | 10 | 43.5 | 60 | 10*8*60 | |
| φ50 | 77 | 14 | 54 | 75 | 14*9*75 | |

210筒电机直径是272mm;定子直径210mm

外形尺寸 Overall Dimensions

| 功率 HP-4P | 减速比 Ratio | 定子直径Φ +出轴尺寸 | A1 | A2 | A3 | D | E | F | G | H | L | J | K | 罩壳直径 | | X | Y | Z1 | Z2 | 重量 KG |
|-------------|--------------|----------------|-----|-----|-----|-----|-----|-----|-----|----|----|-------|----|------|-----|---|-------|-------|----|----------|
| | | | M1 | M2 | M1 | M2 | X | Y | Z1 | Z2 | | | | | | | | | | |
| 4KW 5HP | 3K~200K | 210+50 | 537 | 537 | 601 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 212 | 212 | 5 | 159.5 | 159.5 | 60 | |
| 5.5KW 7.5HP | 3K~200K | 210+50 | 567 | 567 | 631 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 212 | 212 | 5 | 159.5 | 159.5 | 60 | |
| 7.5KW 10HP | 3K~200K | 210+50 | 622 | 622 | 686 | 280 | 390 | 361 | 319 | 19 | 20 | 72.53 | 85 | 212 | 212 | 5 | 159.5 | 159.5 | 60 | |

容许转矩 ALLOWABLE TORQUE 单位: N.m

| 减速比 Ratio | 3 | 4 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 80 | 90 | 100 | 110 | 125 | 140 | 190 | |
|-------------------|------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | 转速 Speed RPM |
| 50Hz | 466 | 350 | 280 | 233 | 186 | 155 | 140 | 112 | 93 | 78 | 70 | 56 | 47 | 35 | 28 | 23.3 | 18.7 | 17.5 | 15.5 | 14 | 12.7 | 11.2 | 10 | 7.4 | |
| 60Hz | 560 | 420 | 336 | 280 | 224 | 186 | 168 | 134 | 112 | 93 | 84 | 67.2 | 56 | 42 | 33.6 | 28 | 22.4 | 21 | 18.6 | 16.8 | 15.3 | 13.4 | 12 | 8.8 | |
| 4KW扭矩 Torque | 50Hz | 102 | 136 | 170 | 204 | 255 | 307 | 341 | 426 | 511 | 614 | 682 | 852 | 1023 | 1364 | 1705 | 2064 | 2558 | 2728 | 3069 | 3410 | 3751 | 4263 | 4775 | 6480 |
| 60Hz | 85 | 114 | 142 | 170 | 213 | 256 | 284 | 355 | 426 | 512 | 568 | 710 | 852 | 1136 | 1421 | 1705 | 2131 | 2273 | 2558 | 2842 | 3126 | 3552 | 3979 | 5400 | |
| 5.5KW扭矩 Torque | 50Hz | 112 | 150 | 187 | 225 | 281 | 337 | 375 | 468 | 562 | 675 | 750 | 938 | 1125 | 1500 | 1875 | 2251 | 2813 | 3001 | 3376 | 3751 | 4126 | 4689 | 5252 | 7128 |
| 60Hz | 94 | 125 | 156 | 188 | 234 | 281 | 312 | 390 | 469 | 562 | 625 | 782 | 938 | 1250 | 1563 | 1875 | 2344 | 2501 | 2813 | 3126 | 3433 | 3908 | 4377 | 5940 | |
| 7.5KW扭矩 Torque | 50Hz | 153 | 204 | 255 | 306 | 383 | 460 | 511 | 639 | 767 | 921 | 1023 | 1279 | 1534 | 2046 | 2558 | 3069 | 3837 | 4092 | 4604 | 5116 | 5639 | 6395 | 7162 | 9720 |
| 60Hz | 127 | 170 | 213 | 255 | 319 | 383 | 426 | 532 | 639 | 767 | 852 | 1065 | 1279 | 1705 | 2131 | 2558 | 3197 | 3410 | 3837 | 4263 | 4681 | 5329 | 5968 | 8100 | |

▲ 表列转速是基于电机异步转速 (50Hz:1400r/min、60Hz:1680r/min),额定负载时,实际转速为表列转速的80%-98%。
缩框型为非正常设计使用,如非必要请勿选用,实际值可能与上述参数有差异,若需具体参数,敬请咨询本公司或浏览网站。
参数可能会因技术改进而更改,恕不另行通知。未经允许,不得转载本样本的图文内容。

- 1.The table speed is based on the asynchronous speed of the motor(50Hz:1400r/min、60Hz:1680/min),the actual output speed under rated torque conditions,is about 2-20% less than synchronous speed.
- 2.Light duty type is not available for standred application design,it is only suitable for special project design.As te-chnical data for these machines may be advantaged, please contact us or visit the company website.
- 3.The specifications of the product may be modified for improvement without notice.Not allow for publish without formal approved.

红色部分不合适重载场合使用

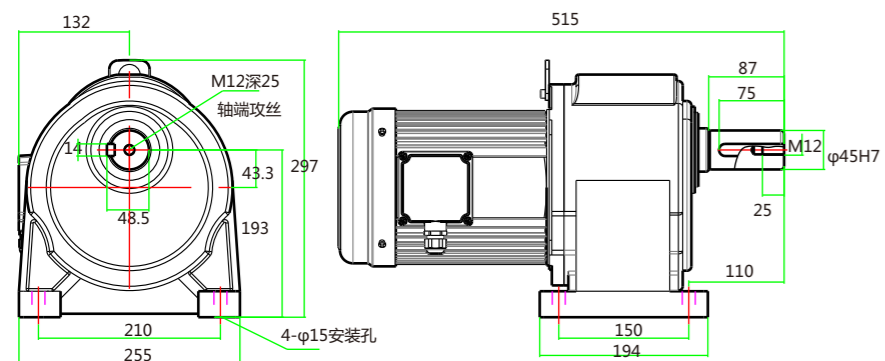
1.5/2.2/4/5.5KW木工机械

卧式 /HORIZONTAL
单相/三相/1-PHASE/3-PHASE

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机

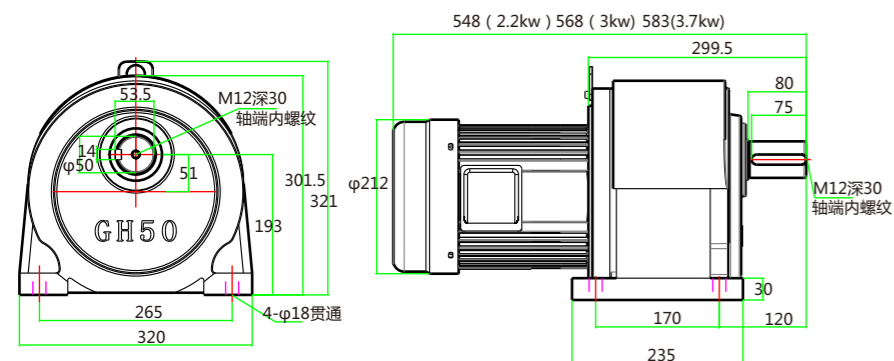


■ 专用45轴木工机械齿轮箱中心高193mm1500W 速比50k/75k

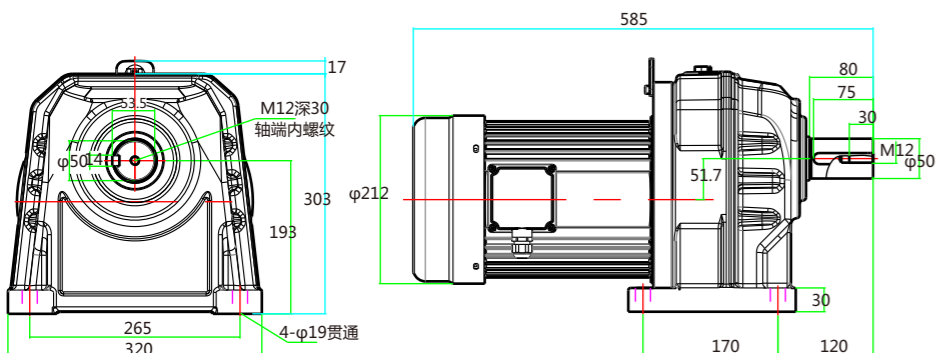


专用齿轮参数，输出轴φ45x87，键14x9x75，端攻丝M12深25

■ GH50-2 木工机械专用减速电机 速比 50K 60K75K



■ GH50 (-3) 4kw木工机械减速电机 速比 50k 60k75k



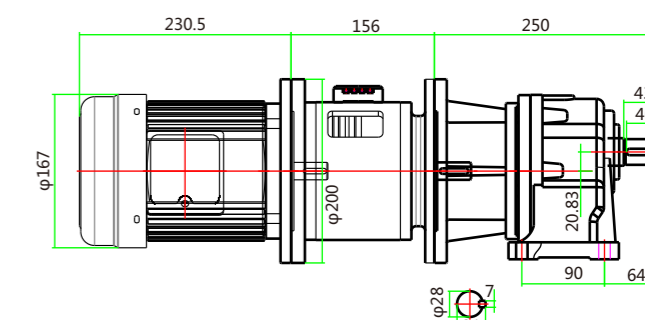
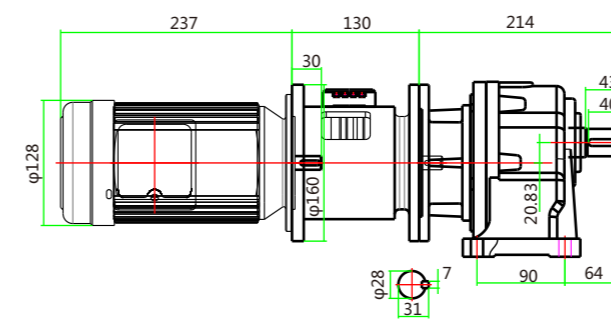
离合刹车电机

SMALL AC GEAR REDUCTION MOTOR
小型交流齿轮减速电机



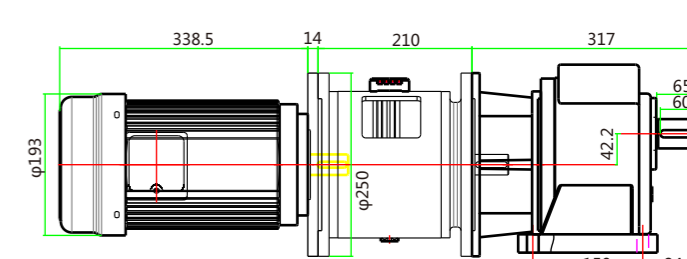
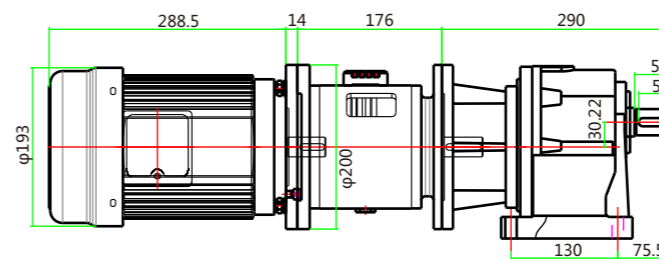
■ 15N.m

■ 25N.m



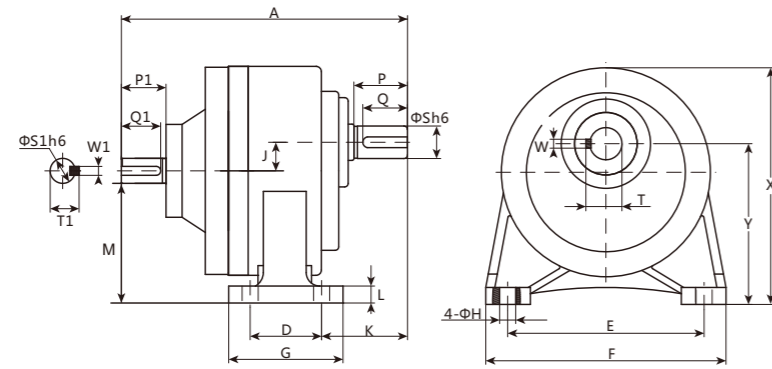
■ 50N.m

■ 100N.m



| 输出轴规格 | 电机功率 | 电磁制动离合扭矩 | 电机轴径 |
|-------------|---------------------------|----------|------|
| 22轴 (立式、卧式) | 100W/200W/400W | 15N.m | φ14 |
| | 100W/200W/400W(110) | 15N.m | φ14 |
| 28轴 (立式、卧式) | 400W(140)/550W/750W/1100W | 25N.m | φ19 |
| | 100W/200W/400W | 15N.m | φ14 |
| 32轴 (立式、卧式) | 400W(140)/550W/750W/1100W | 25N.m | φ19 |
| | 1500W/2200W | 50N.m | φ24 |
| 40轴 (立式、卧式) | 400W(140)/550W/750W/1100W | 25N.m | φ19 |
| | 1500W | 50N.m | φ24 |
| 50轴 (立式、卧式) | 2200W | 100N.m | φ28 |
| | 1500W | 50N.m | φ24 |
| | 2200W | 100N.m | φ28 |

TWO SHAFTS HORIZONTAL GEAR SPEED REDUCERS
GHD型 卧式双轴型齿轮减速机



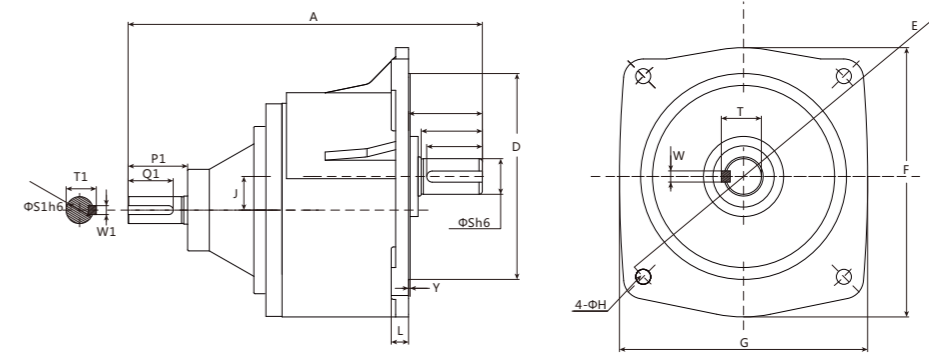
外形尺寸 Overall Dimensions 卧式 HORIZONTAL

| 功率/马力 W/HP | 减速比 Gear ratio | A | D | E | 出力轴Output shaft | | | | | | | | | | 入力轴Input | | | | | 重量 KG | | | | |
|---------------|-------------------|-----|-----|-----|-----------------|-----|----|------|------|----|-------|-----|-------|----|----------|----|------|----|----|----------|----|------|---|----|
| | | | | | F | G | H | L | J | K | M | X | Y | P | Q | S | T | W | P | | Q | S | T | W |
| 100W 1/8HP | 3-50 | 168 | 40 | 110 | 135 | 65 | 9 | 16 | 16 | 48 | 72.5 | 132 | 88.5 | 30 | 25 | 18 | 20 | 5 | 25 | 22 | 14 | 16 | 5 | 3 |
| | 60-200 | 200 | 65 | 130 | 160 | 90 | 11 | 18.2 | 18.2 | 56 | 79.3 | 152 | 97.5 | 40 | 35 | 22 | 25 | 7 | 25 | 22 | 14 | 16 | 5 | 4 |
| 200W 1/4HP | 3-10 | 168 | 40 | 110 | 135 | 65 | 9 | 16 | 16 | 48 | 72.5 | 132 | 88.5 | 30 | 25 | 18 | 20 | 5 | 25 | 22 | 14 | 16 | 5 | 3 |
| | 15-90 | 200 | 65 | 130 | 160 | 90 | 11 | 18.2 | 18.2 | 56 | 79.3 | 152 | 97.5 | 40 | 35 | 22 | 25 | 7 | 25 | 22 | 14 | 16 | 5 | 5 |
| | 11-200 | 258 | 90 | 140 | 180 | 120 | 11 | 20.8 | 20.8 | 66 | 85.2 | 180 | 116 | 45 | 40 | 28 | 31 | 7 | 25 | 22 | 14 | 16 | 5 | 7 |
| 400W 1/2HP | 3-10 | 207 | 65 | 130 | 160 | 90 | 11 | 18.2 | 18.2 | 56 | 79.3 | 152 | 97.5 | 40 | 35 | 22 | 25 | 7 | 30 | 27 | 14 | 16 | 5 | 6 |
| | 15-90 | 263 | 90 | 140 | 178 | 120 | 11 | 20.8 | 20.8 | 66 | 95.2 | 180 | 116 | 45 | 40 | 28 | 31 | 7 | 30 | 27 | 14 | 16 | 5 | 7 |
| | 100-200 | 300 | 130 | 170 | 215 | 160 | 13 | 30.2 | 30.2 | 76 | 108.3 | 210 | 138.5 | 55 | 50 | 32 | 35.5 | 10 | 30 | 27 | 14 | 16 | 5 | 19 |
| 750W 1HP | 3-25 | 269 | 90 | 140 | 178 | 120 | 11 | 20.8 | 20.8 | 66 | 95.2 | 180 | 116 | 45 | 40 | 28 | 31 | 7 | 40 | 35 | 19 | 21.5 | 6 | 7 |
| | 30-120 | 310 | 130 | 170 | 215 | 160 | 13 | 30.2 | 30.2 | 76 | 108.3 | 210 | 138.5 | 55 | 50 | 32 | 35.5 | 10 | 40 | 35 | 19 | 21.5 | 6 | 21 |
| 1500W 2HP | 125-200 | 336 | 150 | 210 | 268 | 185 | 15 | 42.2 | 42.2 | 85 | 117.8 | 248 | 160 | 65 | 60 | 40 | 43.5 | 10 | 40 | 35 | 19 | 21.5 | 6 | 35 |
| | 3-25 | 320 | 130 | 170 | 215 | 160 | 13 | 30.2 | 30.2 | 76 | 108.3 | 210 | 138.5 | 55 | 50 | 32 | 35.5 | 10 | 50 | 40 | 24 | 27.5 | 8 | 21 |
| 2200W3HP | 30-120 | 350 | 150 | 210 | 268 | 185 | 15 | 42.2 | 42.2 | 85 | 117.8 | 248 | 160 | 65 | 60 | 40 | 43.5 | 10 | 50 | 40 | 24 | 27.5 | 8 | 35 |
| | 4-60 | 360 | 150 | 210 | 268 | 185 | 15 | 42.2 | 42.2 | 85 | 117.8 | 248 | 160 | 65 | 60 | 40 | 43.5 | 10 | 50 | 40 | 24 | 27.5 | 8 | 35 |

高速比实际减速比 Actual ratio

| 功率 Power | 减速比 Gear Ratio | 250 300 350 400 450 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1650 1700 1800 | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|---------|---------|
| | | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1650 | 1700 | 1800 | |
| 0.1KW | | 258.02 | 306.03 | 354.98 | 389.75 | 468.00 | 528.35 | 600.78 | 700.07 | 825.28 | 922.95 | 1008.09 | 1097.35 | 1224.82 | 1329.80 | 1374.44 | 1517.32 | 1582.76 | | | 1711.73 | 1775.20 |
| 0.2KW | | 267.07 | 304.74 | 367.70 | 377.61 | 435.77 | 496.40 | 566.42 | 704.66 | 805.32 | 894.80 | 1036.04 | 1118.51 | 1172.26 | 1291.19 | 1393.98 | 1540.55 | 1613.99 | | | 1685.55 | 1838.52 |
| 0.4KW | | 250.05 | 282.89 | 357.57 | 401.21 | 468.71 | 510.97 | 605.37 | 701.91 | 810.36 | 893.94 | 1014.40 | 1102.53 | 1214.91 | 1298.22 | | 1484.89 | 1574.88 | | | 1728.08 | 1821.00 |
| 0.75KW | | 244.62 | 299.84 | 359.81 | 381.87 | 458.24 | 518.42 | 602.14 | 703.57 | 814.66 | 921.64 | 985.00 | 1114.35 | 1199.37 | | | 1492.43 | 1612.36 | | | | 1832.99 |

TWO SHAFTS VERTICAL GEAR SPEED REDUCERS
GVD型 立式双轴型齿轮减速机



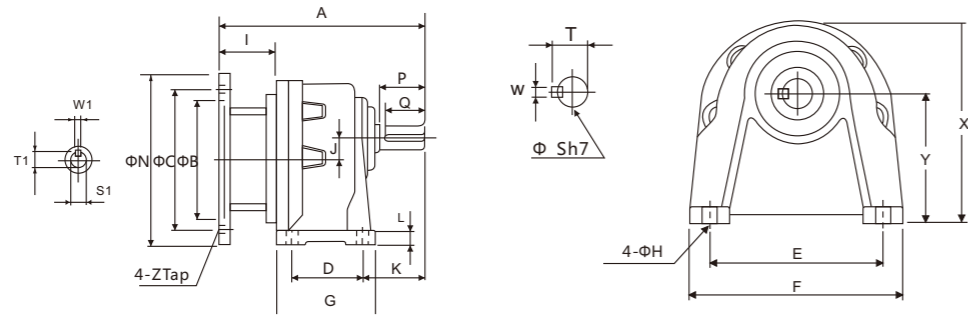
外形尺寸 Overall Dimensions 立式 VERTICAL

| 功率/马力 W/HP | 减速比 Gear ratio | A | D | E | F | G | H | L | J | K | M | X | Y | 出力轴Output shaft | | | | | 入力轴Input | | | | | 重量 KG |
|---------------|-------------------|-----|-----|-----|-----|-----|----|------|----|----|---|---|-----|-----------------|----|----|------|----|----------|----|----|------|---|----------|
| | | | | | | | | | | | | | | P | Q | S | T | W | P | Q | S | T | W | |
| 100W 1/8HP | 3-50 | 168 | 50 | 140 | 120 | 120 | 9 | 10 | 16 | 39 | | | 5 | 30 | 25 | 18 | 20 | 5 | 25 | 22 | 14 | 16 | 5 | 3 |
| | 60-200 | 200 | 148 | 185 | 156 | 156 | 11 | 18.2 | 12 | 47 | | | 3.5 | 40 | 35 | 22 | 25 | 7 | 25 | 22 | 14 | 16 | 5 | 4 |
| 200W 1/4HP | 3-10 | 168 | 50 | 140 | 120 | 120 | 9 | 16 | 10 | 39 | | | 5 | 30 | 25 | 18 | 20 | 5 | 25 | 22 | 14 | 16 | 5 | 3 |
| | 15-90 | 200 | 148 | 185 | 156 | 156 | 11 | 18.2 | 12 | 47 | | | 3.5 | 40 | 35 | 22 | 25 | 7 | 25 | 22 | 14 | 16 | 5 | 5 |
| | 11-200 | 258 | 170 | 220 | 180 | 180 | 11 | 20.8 | 13 | 54 | | | 4 | 45 | 40 | 28 | 31 | 7 | 25 | 22 | 14 | 16 | 5 | 7 |
| 400W 1/2HP | 3-10 | 207 | 148 | 185 | 156 | 156 | 11 | 18.2 | 12 | 47 | | | 3.5 | 40 | 35 | 22 | 25 | 7 | 30 | 27 | 14 | 16 | 5 | 6 |
| | 15-90 | 263 | 170 | 220 | 180 | 180 | 11 | 20.8 | 13 | 54 | | | 4 | 45 | 40 | 28 | 31 | 7 | 30 | 27 | 14 | 16 | 5 | 7 |
| | 100-200 | 300 | 185 | 255 | 225 | 225 | 13 | 30.2 | 15 | 66 | | | 4 | 55 | 50 | 32 | 35.5 | 10 | 30 | 27 | 14 | 16 | 5 | 19 |
| 750W 1HP | 3-25 | 268 | 170 | 220 | 180 | 180 | 11 | 20.8 | 13 | 54 | | | 4 | 45 | 40 | 28 | 31 | 7 | 40 | 35 | 19 | 21.5 | 6 | 7 |
| | 30-120 | 310 | 185 | 255 | 225 | 225 | 13 | 30.2 | 15 | 66 | | | 4 | 55 | 50 | 32 | 35.5 | 10 | 40 | 35 | 19 | 21.5 | 6 | 21 |
| 1500W 2HP | 125-200 | 336 | 230 | 310 | 270 | 270 | 15 | 42.2 | 20 | 80 | | | 5 | 65 | 60 | 40 | 43.5 | 10 | 40 | 35 | 19 | 21.5 | 6 | 35 |
| | 3-25 | 320 | 185 | 255 | 220 | 225 | 13 | 30.2 | 15 | 66 | | | 4 | 55 | 50 | 32 | 35.5 | 10 | 50 | 40 | 24 | 27.5 | 8 | 21 |
| 2200W3HP | 30-120 | 350 | 230 | 310 | 270 | 270 | 15 | 42.2 | 20 | 80 | | | 5 | 65 | 60 | 40 | 43.5 | 10 | 50 | 40 | 24 | 27.5 | 8 | 35 |
| | 4-60 | 360 | 230 | 295 | 270 | 270 | 15 | 42.2 | 20 | 80 | | | 5 | 65 | 60 | 40 | 43.5 | 10 | 60 | 40 | 24 | 31 | 8 | 35 |

高速比实际减速比 Actual ratio

| 功率 Power | 减速比 Gear Ratio | 250 300 350 400 450 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1650 1700 1800 | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|------|------|---------|---------|
| | | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1650 | 1700 | 1800 | |
| 0.1KW | | 258.02 | 306.03 | 354.98 | 389.75 | 468.00 | 528.35 | 600.78 | 700.07 | 825.28 | 922.95 | 1008.09 | 1097.35 | 1224.82 | 1329.80 | 1374.44 | 1517.32 | 1582.76 | | | 1711.73 | 1775.20 |
| 0.2KW | | 267.07 | 304.74 | 367.70 | 377.61 | 435.77 | 496.40 | 566.42 | 704.66 | 805.32 | 894.80 | 1036.04 | 1118.51 | 1172.26 | 1291.19 | 1393.98 | 1540.55 | 1613.99 | | | 1685.55 | 1838.52 |
| 0.4KW | | 250.05 | 282.89 | 357.57 | 401.21 | 468.71 | 510.97 | 605.37 | 701.91 | 810.36 | 893.94 | 1014.40 | 1102.53 | 1214.91 | 1298.22 | | 1484.89 | 1574.88 | | | 1728.08 | 1821.00 |
| 0.75KW | | 244.62 | 299.84 | 359.81 | 381.87 | 458.24 | 518.42 | 602.14 | 703.57 | 814.66 | 921.64 | 985.00 | 1114.35 | 1199.37 | | | 1492.43 | 1612.36 | | | | 1832.99 |

GHM HORIZONTAL STRAIGHT TYPE GEAR
GHM 卧式直接型齿轮减速机

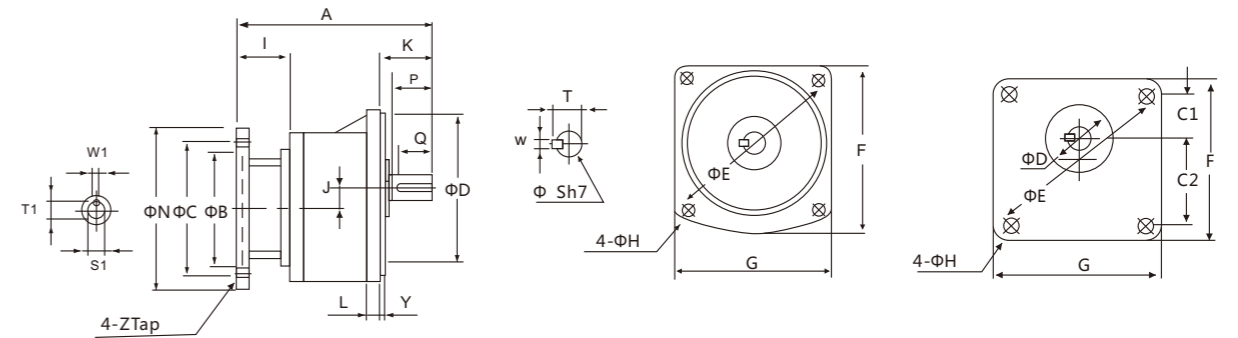


外形尺寸 Overall Dimensions 卧式 HORIZONTAL

| 功率/马力 W/HP | 减速比 Gear ratio | 型号 Type | A | B | C | D | E | F | G | H | I | J | K | L | N | Y | Z | 重量 KG |
|----------------|-------------------|------------|-------|-----|-----|-----|-----|-------|-----|------|------|------|---------|-----|-----|-----|-----|----------|
| 200W | 3-30 | 18 | 155 | 110 | 130 | 40 | 110 | 134.5 | 65 | 9 | 52.5 | 16 | 48 | 9.5 | 160 | 90 | M8 | 4 |
| | 40-128 | 18 | 165 | 110 | 130 | 40 | 110 | 134.5 | 65 | 9 | 52.5 | 16 | 48 | 9.5 | 160 | 90 | M8 | 6 |
| | 2.5-200 | 22 | 186.5 | 110 | 130 | 65 | 130 | 158.5 | 90 | 11 | 52.5 | 18.2 | 55/60 | 15 | 160 | 98 | M8 | 6 |
| 400W | 2.5-200 | 22 | 186.5 | 110 | 130 | 65 | 130 | 158.5 | 90 | 11 | 52.5 | 18.2 | 55/60 | 15 | 160 | 98 | M8 | 6 |
| | 2.5-200 | 28 | 214 | 110 | 130 | 90 | 140 | 178.5 | 120 | 12.5 | 52.5 | 20.8 | 64/60.5 | 17 | 160 | 117 | M8 | 6 |
| | 3-200 | 32 | 251 | 110 | 130 | 130 | 170 | 213.5 | 160 | 14 | 52.5 | 30.2 | 75.5 | 26 | 160 | 140 | M8 | 8 |
| 750W | 2.5-200 | 28 | 251 | 130 | 165 | 90 | 140 | 178.5 | 120 | 12.5 | 52.5 | 20.8 | 64/60.5 | 17 | 200 | 117 | M10 | 11 |
| | 3-200 | 32 | 290 | 130 | 165 | 130 | 170 | 213.5 | 160 | 14 | 91.5 | 30.2 | 75.5 | 26 | 200 | 140 | M10 | 26 |
| | 3-300 | 40 | 318.5 | 130 | 165 | 150 | 210 | 264 | 190 | 16 | 91.5 | 42.2 | 84 | 25 | 200 | 162 | M10 | 38 |
| 1500W | 3-200 | 32 | 290 | 130 | 165 | 130 | 170 | 213.5 | 160 | 14 | 91.5 | 30.2 | 75.5 | 26 | 200 | 140 | M10 | 26 |
| | 3-300 | 40 | 318.5 | 130 | 165 | 150 | 210 | 264 | 190 | 16 | 91.5 | 42.2 | 84 | 25 | 200 | 162 | M10 | 39 |
| 2200W 3700W | 3-300 | 40 | 317 | 180 | 215 | 150 | 210 | 264 | 190 | 16 | 94 | 42.2 | 84 | 25 | 250 | 162 | M12 | 39 |
| | 3-200 | 50 | 360.5 | 180 | 215 | 170 | 265 | 335 | 212 | 19 | 94 | 51.7 | 99 | 25 | 250 | 200 | M12 | 44 |
| 5.5/7.5KW | 3-200 | 50 | 390 | 230 | 265 | 170 | 265 | 335 | 212 | 19 | 126 | 51.7 | 99 | 25 | 300 | 200 | M12 | 55 |

| 功率/马力 W/HP | 输入轴尺寸 Input shaft dimentions | | | 输出轴尺寸 Output shaft dimentions | | | | | |
|---------------|---------------------------------|-------------|------|----------------------------------|-----|------|-------------|---------|----------|
| | 输入轴 Input | 键槽 Input | | 输出轴 Output shaft | | | 键槽 Input | | 键 Key |
| | | S1 | W1 | T1 | Sh7 | P | W | T | |
| 200W | Φ11 | 4 | 12.8 | Φ18 | 30 | 5 | 20 | 25 | 5x5x25 |
| | | | | Φ22 | 38 | 7 | 25 | 35 | 7x7x35 |
| 400W | Φ14 | 5 | 16.3 | Φ28 | 43 | 7 | 31 | 40 | 7x7x40 |
| | | | | Φ32 | 55 | 10 | 35.5 | 50 | 10x8x50 |
| | | | | Φ28 | 43 | 7 | 31 | 40 | 7x7x40 |
| 750W | Φ19 | 6 | 21.8 | Φ32 | 55 | 10 | 35.5 | 50 | 10x8x50 |
| | | | | Φ40 | 65 | 10 | 43.5 | 60 | 10x8x60 |
| | | | | Φ32 | 55 | 10 | 35.5 | 50 | 10x8x50 |
| 1.5KW | Φ24 | 8 | 27.3 | Φ40 | 65 | 10 | 43.5 | 60 | 10x8x60 |
| Φ40 | | | | 65 | 10 | 43.5 | 60 | 10x8x60 | |
| 2.2KW | Φ28 | 8 | 31.3 | Φ40 | 65 | 10 | 43.5 | 60 | 10x8x60 |
| Φ50 | | | | 77 | 14 | 53.5 | 75 | 14x9x75 | |
| Φ50 | | | | 77 | 14 | 53.5 | 75 | 14x9x75 | |
| 5.5KW | Φ38 | 10 | 41.3 | Φ50 | 77 | 14 | 53.5 | 75 | 14x9x75 |
| Φ50 | | | | 77 | 14 | 53.5 | 75 | 14x9x75 | |

GVM VERTICAL STRAIGHT TYPE GEAR
GVM 立式直接型齿轮减速机



外形尺寸 Overall Dimensions 立式 VERTICAL

| 功率/马力 W/HP | 减速比 Gear ratio | 型号 Type | A | B | C | D | E | F | G | H | I | J | K | L | N | Y | Z | 重量 KG |
|----------------|-------------------|------------|-------|-----|-----|-------|-----|-------|-------|----|------|------|------|----|-----|-----|-----|----------|
| 200W | 3-30 | 18 | 155 | 110 | 130 | 50 | 140 | 119.5 | 120 | 9 | 52.5 | 16 | 39 | 12 | 160 | 4 | M8 | 4 |
| | 40-128 | 18 | 165 | 110 | 130 | 50 | 140 | 119.5 | 120 | 9 | 52.5 | 16 | 39 | 12 | 160 | 4 | M8 | 6 |
| | 2.5-200 | 22 | 186.5 | 110 | 130 | 148 | 185 | 169 | 155 | 11 | 52.5 | 18.2 | 48.5 | 12 | 160 | 3.5 | M8 | 6 |
| 400W | 2.5-200 | 22 | 186.5 | 110 | 130 | 148 | 185 | 169 | 155 | 11 | 52.5 | 18.2 | 48.5 | 12 | 160 | 3.5 | M8 | 6 |
| | 2.5-200 | 28 | 215 | 110 | 130 | 170 | 220 | 194 | 180 | 13 | 52.5 | 20.8 | 54 | 15 | 160 | 4.5 | M8 | 6 |
| | 3-200 | 32 | 251 | 110 | 130 | 185 | 255 | 239 | 223 | 14 | 52.5 | 30.2 | 62 | 17 | 160 | 4 | M8 | 8 |
| 750W | 2.5-200 | 28 | 251 | 130 | 165 | 170 | 220 | 194 | 180 | 13 | 91.5 | 20.8 | 54 | 15 | 200 | 4.5 | M10 | 11 |
| | 3-200 | 32 | 290 | 130 | 165 | 185 | 255 | 239 | 223 | 14 | 91.5 | 30.2 | 62 | 17 | 200 | 4 | M10 | 26 |
| | 3-300 | 40 | 318.5 | 130 | 165 | 229.5 | 310 | 300 | 274.5 | 16 | 91.5 | 42.2 | 76 | 21 | 200 | 5 | M10 | 38 |
| 1500W | 3-200 | 32 | 290 | 130 | 165 | 185 | 255 | 239 | 223 | 14 | 91.5 | 30.2 | 62 | 17 | 200 | 4 | M10 | 26 |
| | 3-300 | 40 | 318.5 | 130 | 165 | 229.5 | 310 | 300 | 274.5 | 16 | 91.5 | 42.2 | 76 | 21 | 200 | 5 | M10 | 39 |
| 2200W 3700W | 3-300 | 40 | 317 | 180 | 215 | 229.5 | 310 | 300 | 274.5 | 16 | 94 | 42.2 | 76 | 21 | 250 | 5 | M12 | 39 |
| | 3-200 | 50 | 362 | 180 | 215 | 280 | 390 | 359 | 319 | 19 | 94 | 51.7 | 86 | 21 | 250 | 5 | M12 | 44 |
| 5.5/7.5KW | 3-25 | 50 | 390 | 230 | 265 | 280 | 390 | 359 | 319 | 19 | 126 | 51.7 | 86 | 21 | 300 | 5 | M12 | 55 |

| 功率/马力 W/HP | 输入轴尺寸 Input shaft dimentions | | | 输出轴尺寸 Output shaft dimentions | | | | | |
|---------------|---------------------------------|-------------|------|----------------------------------|-----|------|-------------|---------|----------|
| | 输入轴 Input | 键槽 Input | | 输出轴 Output shaft | | | 键槽 Input | | 键 Key |
| | | S1 | W1 | T1 | Sh7 | P | W | T | |
| 200W | Φ11 | 4 | 12.8 | Φ18 | 30 | 5 | 20 | 25 | 5x5x25 |
| | | | | Φ22 | 38 | 7 | 25 | 35 | 7x7x35 |
| 400W | Φ14 | 5 | 16.3 | Φ28 | 43 | 7 | 31 | 40 | 7x7x40 |
| | | | | Φ32 | 55 | 10 | 35.5 | 50 | 10x8x50 |
| | | | | Φ28 | 43 | 7 | 31 | 40 | 7x7x40 |
| 750W | Φ19 | 6 | 21.8 | Φ32 | 55 | 10 | 35.5 | 50 | 10x8x50 |
| | | | | Φ40 | 65 | 10 | 43.5 | 60 | 10x8x60 |
| | | | | Φ32 | 55 | 10 | 35.5 | 50 | 10x8x50 |
| 1.5KW | Φ24 | 8 | 27.3 | Φ40 | 65 | 10 | 43.5 | 60 | 10x8x60 |
| | | | | Φ40 | 65 | 10 | 43.5 | 60 | 10x8x60 |
| 2.2KW | Φ28 | 8 | 31.3 | Φ40 | 65 | 10 | 43.5 | 60 | 10x8x60 |
| Φ50 | | | | 77 | 14 | 53.5 | 75 | 14x9x75 | |
| Φ50 | | | | 77 | 14 | 53.5 | 75 | 14x9x75 | |
| 5.5KW | Φ38 | 10 | 41.3 | Φ50 | 77 | 14 | 53.5 | 75 | 14x9x75 |
| Φ50 | | | | 77 | 14 | 53.5 | 75 | 14x9x75 | |