

调速电动机 SPEED CONTROL MOTORS

180W

□ 104mm

CE CCC RoHS ISO9001



规格 / 连续额定 SPECS / CONTINUOUS RATING

| 品名 Model 导线型 Lead Wire Type | 机型 Type Pinion Shaft / Round Shaft | 输出功率 Output power W | 电压 Voltage V | 频率 Frequency Hz | 调速范围 Speed Control Range r/min | 额定转矩 Rated Torque | | 启动转矩 Starting Torque mN.m | 电流 Current A | 电容器容量 Capacitor μF |
|--------------------------------|---------------------------------------|---------------------------|--------------------|-----------------------|---|----------------------|------------------|---------------------------------|--------------------|--------------------------|
| | | | | | | 120r/min mN.m | 120r/min mN.m | | | |
| 6IK180RGU-CF | 6IK180RA-CF | 180 | 1ph220 1ph230 | 50 | 90~1400 | 920 | 500 | 700 | 1.40 | 12 |
| 6IK180RGU-HF | 6IK180RA-HF | 180 | 1ph220 1ph230 | 60 | 90~1700 | 920 | 500 | 700 | 1.40 | |

- 各种安全规格以电动机铭牌上的型号取得认定。
- When the motor is approved under various safety standards, the model name on the nameplate is the approved model name.

种类 TYPE

● 电动机 MOTOR

| 机型 Type | 型号 Model | |
|-----------------------------|----------------------|--------------------|
| | 齿轮轴型 Pinion Shaft | 圆轴型 Round Shaft |
| 导线型 Lead Wire Type | 6IK180RGU-CF | 6IK180RA-CF |
| | 6IK180RGU-HF | 6IK180RA-HF |

● 平行轴减速器(另售) PARALLEL SHAFT GEARHEAD (SOLD SEPARATELY)

| 减速器种类 Gearhead Type | 减速器型号 Gearhead Model | 减速比 Gear Ratio |
|----------------------------------|-------------------------|---|
| 长寿命·低噪音 Long Life · Low Noise | 6GU□K | 3、3.6、5、6、7.5、9、 12.5、15、18、25、30、 36、50、60、75、90、 100、120、150、180、200 |

- 减速器型号的□中为减速比的数值
- Enter the gear ratio in the box (□) within the model name

A C 交流调速电动机

说明 Explain

感应电动机 Induction Motor

可逆电动机 Reversible Motors

刹车电动机 Brake Motors

调速电动机 Speed Control Motors

转矩电动机 Torque Motors

■ 装有减速器时的容许转矩

ALLOWABLE TORQUE WHEN BEING WITH GEARHEAD

- 减速器·中间减速器另售
- 减速器型号的□中为减速比的数值。
- □色表示与电动机同一方向运转，其他则为相反方向。
- 转速是以电动机的同步转速 (50Hz: 1500r/min、60Hz: 1800r/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比所示数值减少 2%~20%左右。
- Gearhead and mid-gearbox can be sold separately.
- Enter the gear ratio in the box (□) within the model name.
- The colored background □ indicates the same rotating direction of the motor while the rotating direction of others are opposite.
- The speed is calculated by dividing the motor's synchronous speed (50Hz: 1500r/min、60Hz: 1800r/min) by the gear ratio. The actual speed is 2%~20% less than the displayed value, depending on the size of the load.

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

| 机型Type 电动机/减速器 Motor/Gearhead | 减速比Gear Ratio | 3 | 3.6 | 5 | 6 | 7.5 | 9 | 12.5 | 15 | 18 | 25 | 30 | 36 | 50 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | |
|-------------------------------------|---------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|------|-----|-----|-----|-----|
| 6IK180RGU-CF | 50Hz | 500 | 417 | 300 | 250 | 200 | 166 | 120 | 100 | 83 | 60 | 50 | 41 | 30 | 25 | 20 | 16 | 15 | 12.5 | 10 | 8.3 | 7.5 | |
| | 60Hz | 600 | 500 | 360 | 300 | 240 | 200 | 144 | 120 | 100 | 72 | 60 | 50 | 36 | 30 | 24 | 20 | 18 | 15 | 12 | 10 | 9 | |
| 6IK180RGU-HF | 50Hz | □ | 3.4 | 4.0 | 5.6 | 6.7 | 8.4 | 10.1 | 12.6 | 15.2 | 18.2 | 22.8 | 27.4 | 32.9 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | □ | 34.6 | 40.8 | 57.1 | 68.3 | 85.6 | 103 | 128 | 155 | 185 | 232 | 279 | 335 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| | 60Hz | □ | 2.7 | 3.3 | 4.5 | 5.4 | 6.8 | 8.2 | 10.2 | 12.3 | 14.7 | 18.5 | 22.2 | 22.6 | 37 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | | □ | 27.5 | 33.6 | 45.9 | 55.1 | 69.3 | 83.6 | 104 | 125 | 150 | 188 | 226 | 271 | 377 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |

■ 容许悬挂负载·容许轴向负载

PERMISSIBLE OVERHUNG LOAD AND THRUST LOAD

电动机 (圆轴型) → P217页

减速器 → P217页

Motor (Round Shaft) → P217

Gearhead → P217

■ 减速器的容许负载惯性惯量 J

PERMISSIBLE LOAD INERTIA J FOR GEARHEAD

→ P218页 → P218

■ 外形图 (单位 mm)

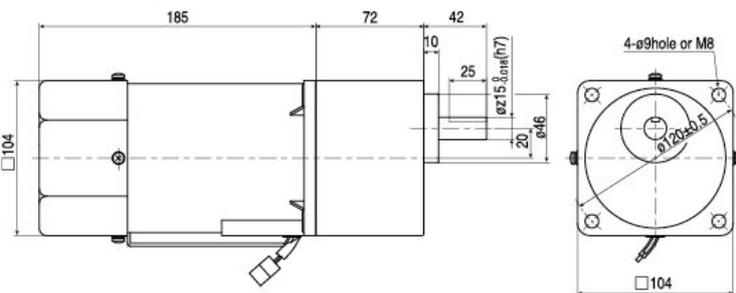
DIMENSIONS (Unit mm)

减速器附有安装用螺丝

Mounting screws are included with gearhead.

● 导线型 Lead wiring Type

重量 Weight: 电动机 Motor 5.1kg 减速器 Gearhead 2.1kg



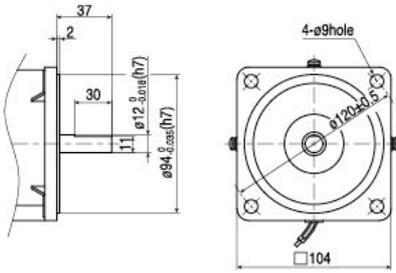
| 电动机型号 Motor Model | 减速器型号 Gearhead Model | 减速比 Gear Ratio | L1 |
|----------------------|-------------------------|-------------------|----|
| 6IK180RGU-CF | 6GU□K | 3-200 | 72 |
| 6IK180RGU-HF | | | |

- 减速器型号的□中为减速比的数值
- Enter the gear ratio in the box (□) within the model name

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

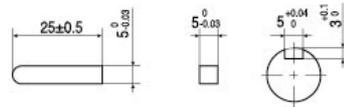
除重量及轴部外, 电动机外形与齿轮轴相同

Excluding weight and the shaft section Motor shape are the same as those of the pinion shaft



● 键·键槽 (减速器附件)

Key-keyway (The key is included with the gearhead)



■ 连接图 CONNECTION DIAGRAMS

