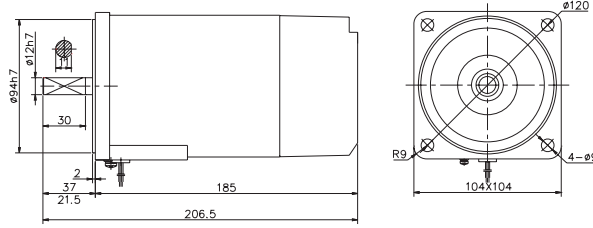


电机外形尺寸 Motor Overall Dimension



刹车电机 Brake Motor 140W



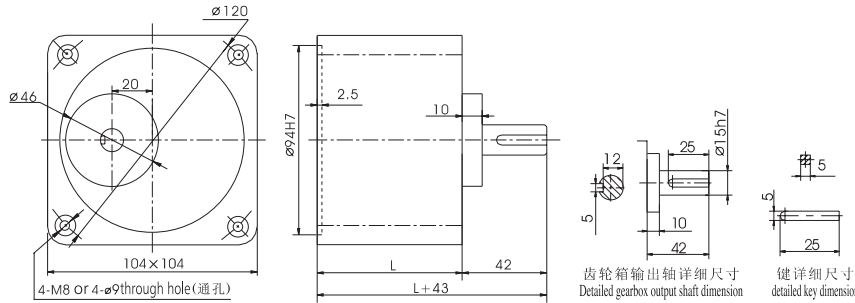
●其中()数字系小齿轮轴电机的数值。●The value in the () is the value of small gear shaft motor.

电机特性表 List of Motor Characteristics

| 电机型号 Model of Motor | | 出力 Output | 电压 Voltage | 频率 Frequency | 极数 Poles | 额定时间 Duty | 额定 Rated | | | | 起动转矩 Starting Torque | | 电容量 / 耐压 Capacitor/Ve |
|------------------------|--------------------------------|--------------|---------------|-----------------|-------------|--------------|-------------------|-----------------|-------------------------|------|-------------------------|--------|--------------------------|
| 光电机 Motor | 带齿轴电机 Motor with gear shaft | W | V | Hz | P | | 转速 Speed r/min | 电流 Current A | 力矩 Torque N.m kgf.cm | | N.m | kgf.cm | μF/VAC |
| 6RK140A-AM | 6RK140GU-AM | 140 | 1ph110 | 50 | 4 | 30Min | 1350 | 2.00 | 0.99 | 9.95 | 0.90 | 9.00 | 30.0/250 |
| 6RK140A-CM | 6RK140GU-CM | 140 | 1ph220 | 50 | 4 | 30Min | 1350 | 1.13 | 0.099 | 9.95 | 0.90 | 9.00 | 10.0/450 |
| 6RK140A-SM | 6RK140GU-SM | 140 | 3ph220 | 50 | 4 | 30Min | 1350 | 0.95 | 0.99 | 9.95 | 3.50 | 35.00 | / |
| 6RK140A-S3M | 6RK140GU-S3M | 140 | 3ph380 | 50 | 4 | 30Min | 1350 | 0.55 | 0.99 | 9.95 | 3.50 | 35.00 | / |

●使用电压不同，电容量也不相同。故应与使用电压相对应，正确使用。●不能正确使用是造成故障的主要原因。订货时，在确认使用电压后，选择正确的型号进行订货。
●The capacitor capacitance will be different under different voltage. A correct capacitor capacitance is required to match the applied voltage. ●Wrong capacitor capacitance is the cause of trouble. You must confirm a correct voltage and select a correct model when your purchase order is placed.

齿轮箱外形尺寸 Overall Dimension of Gearbox



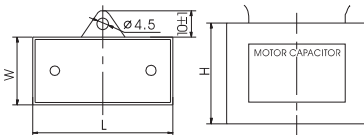
| | 速比 Reduction Ratio | 尺寸 L(mm) | 质量(kg) |
|----------------|--------------------|----------|--------|
| 齿轮箱 Gearbox | 6GU3K-GU9K | 72 | 1.87 |
| | 6GU10K-GU18K | | 2.10 |
| | 6GU20K-GU200K | | 2.75 |
| 电机 Motor | | | 5.20 |

齿轮箱允许力矩 Allowable Torque on Gearbox

齿轮箱型式 Model of Gearbox: 6GU □ K

| 频率 Frequency | 减速比 Reduction Ratio | | 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 |
|--------------|-----------------------------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 50Hz | 输出轴转速 Output Shaft Speed | r/min | 500 | 417 | 300 | 250 | 200 | 166 | 150 | 120 | 100 | 83 | 75 | 60 | 50 | 41 | 37 | 30 | 25 | 20 | 16 | 15 | 12 | 10 |
| | 允许力矩 Allowable Torque | N.m | 2.36 | 2.83 | 3.93 | 4.71 | 5.89 | 7.07 | 7.07 | 8.85 | 10.6 | 12.7 | 12.7 | 16.0 | 19.2 | 23.0 | 25.6 | 32.0 | 38.4 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 |
| | | kgf.cm | 24.1 | 28.8 | 40.1 | 48.1 | 60.1 | 72.1 | 72.1 | 90.3 | 108 | 130 | 130 | 163 | 196 | 235 | 261 | 327 | 292 | 400 | 400 | 400 | 400 | 400 |
| 60Hz | 输出轴转速 Output Shaft Speed | r/min | 600 | 500 | 360 | 300 | 240 | 200 | 180 | 144 | 120 | 100 | 90 | 72 | 60 | 50 | 45 | 36 | 30 | 24 | 20 | 18 | 15 | 12 |
| | 允许力矩 Allowable Torque | N.m | 2.03 | 2.44 | 3.39 | 4.06 | 5.08 | 6.09 | 6.09 | 7.60 | 9.15 | 11.0 | 11.0 | 13.8 | 16.6 | 19.9 | 22.1 | 27.6 | 33.1 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 |
| | | kgf.cm | 20.7 | 24.9 | 34.6 | 41.2 | 51.8 | 62.1 | 62.1 | 77.6 | 93.4 | 112 | 112 | 141 | 169 | 203 | 226 | 282 | 338 | 400 | 400 | 400 | 400 | 400 |

电容器 Capacitor



| 电容量 μF capacity μF | 耐压 Voltage | 长 L±1 | 宽 W±1 | 高 H±1 | 类型 Type |
|--------------------------------------|---------------|----------|----------|----------|------------------|
| 允许偏差 ±5% Allowable Deviation: ±5% | V | mm | mm | mm | 引线式 Down-lead |
| 10.0 | 450 | 47 | 26 | 38 | |
| 30.0 | 250 | 68 | 32 | 56 | |

齿轮箱型式 Model of Gearbox: 6GU □ K

| 频率 Frequency | 减速比 Reduction Ratio | | 180 | 200 |
|--------------|-----------------------------|--------|------|------|
| 50Hz | 输出轴转速 Output Shaft Speed | r/min | 8 | 7.5 |
| | 允许力矩 Allowable Torque | N.m | 39.2 | 39.2 |
| | | kgf.cm | 400 | 400 |
| 60Hz | 输出轴转速 Output Shaft Speed | r/min | 10 | 9 |
| | 允许力矩 Allowable Torque | N.m | 39.2 | 39.2 |
| | | kgf.cm | 400 | 400 |

接线图 Wiring Diagram

