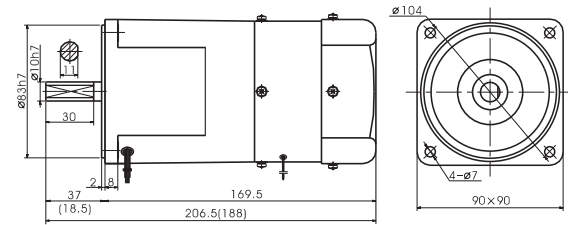


电机外形尺寸 Motor Overall Dimension



●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.

刹车电机 Brake Motor 60W

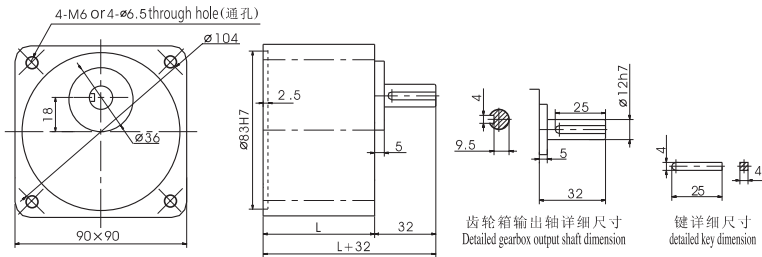


电机特性表 List of Motor Characteristics

| 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 | |
| 5RK60A-AMF | 5RK60GN-AMF | 60 | 1ph110 | 50 | 4 | 30Min | 1350 | 1.10 | 0.44 | 4.40 | 0.45 | 4.50 | 18.0/250 |
| 5RK60A-CMF | 5RK60GN-CMF | 60 | 1ph220 | 50 | 4 | 30Min | 1350 | 0.54 | 0.44 | 4.40 | 0.45 | 4.50 | 4.5/450 |
| 5RK60A-SMF | 5RK60GN-SMF | 60 | 3ph220 | 50 | 4 | 30Min | 1350 | 0.49 | 0.46 | 4.55 | 1.70 | 17.00 | / |
| 5RK60A-S ₃ MF | 5RK60GN-S ₃ MF | 60 | 3ph380 | 50 | 4 | 30Min | 1350 | 0.28 | 0.46 | 4.55 | 1.70 | 17.00 | / |

●使用电压不同，电容容量也不相同。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



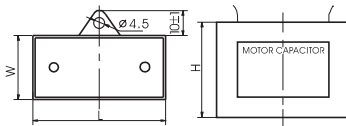
| | 速比 Reduction Ratio | 尺寸 L(mm) | 质量(kg) |
|----------------|--------------------|----------|--------|
| 齿轮箱 Gearbox | 5GN3K-GN18K | 42 | 0.73 |
| | 5GN20K-GN36K | 60 | 1.03 |
| | 5GN40K-GN200K | | 1.13 |
| 电机 Motor | | | 2.60 |

齿轮箱允许力矩 Allowable Torque on Gearbox

齿轮箱型式 Model of Gearbox: 5GN □ K

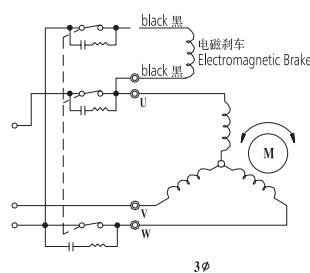
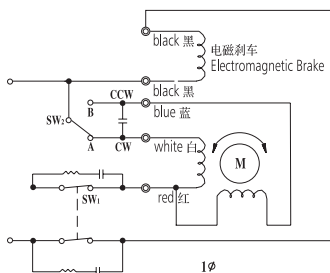
| 频率 Frequency | 减速比 Reduction Ratio | | 3 | 3.6 | 5 | 6 | 7.5 | 9 | 10 | 12.5 | 15 | 18 | 20 | 25 | 30 | 36 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | 150 |
|--------------|-----------------------------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 1.03 | 1.24 | 1.72 | 2.6 | 2.58 | 3.10 | 3.10 | 3.88 | 4.65 | 5.38 | 5.60 | 7.01 | 8.41 | 9.80 | 9.80 | 9.80 | 9.80 | 9.80 | 9.80 | 9.80 | 9.80 | 9.80 |
| | | kgf.cm | 10.5 | 12.7 | 17.6 | 21.0 | 26.3 | 31.6 | 31.6 | 39.6 | 47.4 | 54.9 | 57.1 | 71.6 | 85.8 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 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 | 0.9 | 1.08 | 1.50 | 1.80 | 2.23 | 2.70 | 2.70 | 3.38 | 4.05 | 4.88 | 4.88 | 6.10 | 7.33 | 8.79 | 9.80 | 9.80 | 9.80 | 9.80 | 9.80 | 9.80 | 9.80 | 9.80 |
| | | kgf.cm | 9.18 | 11.0 | 15.3 | 18.4 | 23.0 | 27.6 | 27.6 | 34.5 | 41.3 | 49.5 | 49.5 | 62.2 | 74.7 | 90.0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

电容器 Capacitor



| 电容容量 µF capacity µF 允许偏差 ±5% Allowable Deviation: ±5% | 耐压 Voltage | 长 L±1 | 宽 W±1 | 高 H±1 | 类型 Type |
|--|---------------|----------|----------|----------|------------------|
| 4.5 | 450 | 47 | 22 | 34 | 引线式 Down-lead |
| 18.0 | 250 | 68 | 32 | 56 | |

接线图 Wiring Diagram



齿轮箱型式 Model of Gearbox: 5GN □ 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 | 9.80 | 9.80 |
| | | kgf.cm | 100 | 100 |
| 60Hz | 输出轴转速 Output Shaft Speed | r/min | 10 | 9 |
| | 允许力矩 Allowable Torque | N.m | 9.80 | 9.80 |
| | | kgf.cm | 100 | 100 |