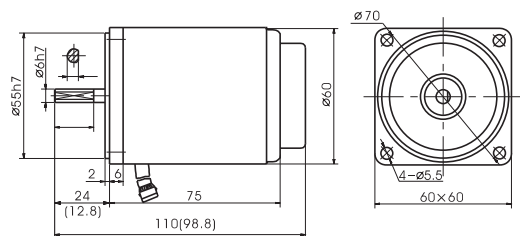


电机外形尺寸 Motor Overall Dimension



●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.

调速电机 Speed Adjustable Motor 6W

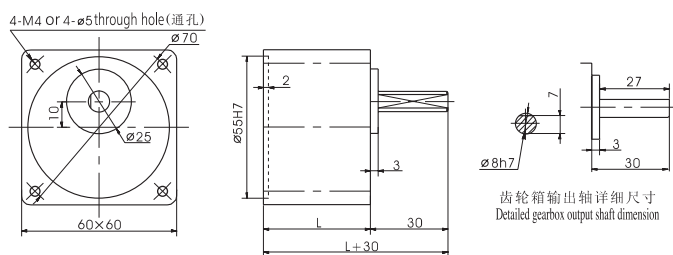


电机特性表 List of Motor Characteristics

| 电机型号 Model of Motor | | 出力 Output | 电压 Voltage | 频率 Frequency | 极数 Poles | 额定时间 Duty | 调速范围 旋转速度 RPM | 允许力矩 Allowable Torque | | | | 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 | | | 1200r/min 时 | 90r/min 时 | | | | | |
| | | | | | | r/min | | N.m | kgf.cm | N.m | kgf.cm | N.m | kgf.cm | μF/VAC |
| 2IK6RA-A | 2IK6RGN-A | 6 | 1ph110 | 50 | 4 | 连续 CONT | 90~1350 | 0.05 | 0.50 | 0.03 | 0.29 | 0.03 | 0.33 | 3.0/250 |
| 2IK6RA-C | 2IK6RGN-C | 6 | 1ph220 | 50 | 4 | 连续 CONT | 90~1350 | 0.05 | 0.50 | 0.03 | 0.29 | 0.03 | 0.33 | 0.8/450 |
| 2RK6RA-A | 2RK6RGN-A | 6 | 1ph110 | 50 | 4 | 30Min | 90~1350 | 0.06 | 0.55 | 0.03 | 0.32 | 0.04 | 0.38 | 3.5/250 |
| 2RK6RA-C | 2RK6RGN-C | 6 | 1ph220 | 50 | 4 | 30Min | 90~1350 | 0.06 | 0.55 | 0.03 | 0.32 | 0.04 | 0.38 | 1.0/450 |

●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



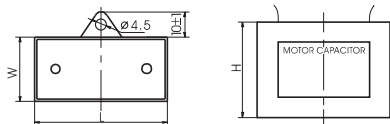
| | 速比 Reduction Ratio | 尺寸 L(mm) | 质量(kg) |
|----------------|--------------------|----------|--------|
| 齿轮箱 Gearbox | 2GN3K-GN18K | 32 | 0.24 |
| | 2GN20K-GN50K | 42 | 0.30 |
| | 2GN60K-GN200K | | 0.33 |
| 电机 Motor | | | 0.75 |

齿轮箱允许力矩 Allowable Torque on Gearbox

齿轮箱型式 Model of Gearbox: 2GN □ 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 |
| 50Hz | 允许力矩 Allowable Torque | N.m | 0.13 | 0.15 | 0.21 | 0.26 | 0.31 | 0.38 | 0.42 | 0.53 | 0.63 | 0.76 | 0.76 | 0.95 | 1.14 | 1.36 | 1.52 | 1.72 | 2.06 | 2.57 | 2.94 | 2.94 | 2.94 | 2.94 |
| | | kgf.cm | 1.3 | 1.5 | 2.1 | 2.6 | 3.2 | 3.9 | 4.3 | 5.4 | 6.4 | 7.7 | 7.7 | 9.7 | 11.6 | 13.9 | 15.5 | 17.5 | 21.0 | 26.2 | 30.0 | 30.0 | 30.0 | 30.0 |
| 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 | 0.10 | 0.13 | 0.17 | 0.21 | 0.26 | 0.30 | 0.34 | 0.43 | 0.51 | 0.62 | 0.62 | 0.76 | 0.92 | 1.11 | 1.24 | 1.39 | 1.67 | 2.09 | 2.50 | 2.78 | 2.94 | 2.94 |
| 60Hz | 允许力矩 Allowable Torque | kgf.cm | 1.0 | 1.3 | 1.7 | 2.1 | 2.6 | 3.1 | 3.5 | 4.4 | 5.2 | 6.3 | 6.3 | 7.8 | 9.4 | 11.3 | 12.6 | 14.2 | 17.0 | 21.3 | 25.5 | 28.4 | 30.0 | 30.0 |

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 |
|---|---------------|------------|------------|------------|------------------|
| 0.8 | 450 | 37 | 14 | 28 | 引线式 Down-lead |
| 1.0 | 450 | 37 | 14 | 28 | |
| 3.0 | 250 | 47 | 22 | 34 | |
| 3.5 | 250 | 47 | 22 | 34 | |

齿轮箱型式 Model of Gearbox: 2GN □ K

| 频率 Frequency | 减速比 Reduction Ratio | | 180 | 200 |
|--------------|-----------------------------|--------|------|-----------------------------|
| | | | 50Hz | 输出轴转速 Output Shaft Speed |
| 50Hz | 允许力矩 Allowable Torque | N.m | 2.94 | 2.94 |
| | | kgf.cm | 30.0 | 30.0 |
| 60Hz | 输出轴转速 Output Shaft Speed | r/min | 10 | 9 |
| | 允许力矩 Allowable Torque | N.m | 2.94 | 2.94 |
| 60Hz | 允许力矩 Allowable Torque | kgf.cm | 30.0 | 30.0 |