

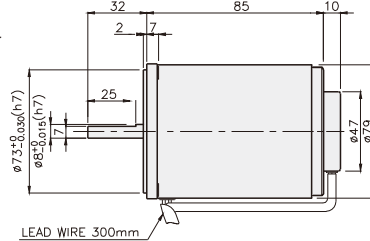
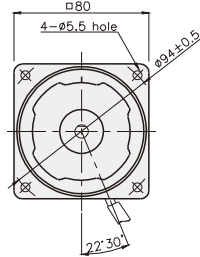
## SPEED CONTROL MOTOR – SP SERIES

**25W**

**□80mm**

**INDUCTION MOTOR**

K8IS25N□-SP



### SPECIFICATIONS

25W 连续正格，4极

| Model       | Voltage (V) | Frequency (Hz) | Speed (rpm) | Permissible Torque |              | Start T. (N·m/kgf·cm) | Current (A) | Condenser (μF) |     |
|-------------|-------------|----------------|-------------|--------------------|--------------|-----------------------|-------------|----------------|-----|
|             |             |                |             | 1200 rpm           | 90 rpm       |                       |             |                |     |
|             |             |                |             | (N·m/kgf·cm)       | (N·m/kgf·cm) |                       |             |                |     |
| K8I□25NJ-SP | 25          | 100            | 50          | 90 ~ 1400          | 0.2/2        | 0.05/0.5              | 0.08/0.8    | 0.8            | 7   |
|             |             |                | 60          | 90 ~ 1700          |              |                       |             |                |     |
| K8I□25NU-SP | 25          | 110            | 60          | 90 ~ 1700          | 0.2/2        | 0.05/0.5              | 0.08/0.8    | 0.67           | 5   |
|             |             | 115            |             |                    |              |                       |             | 0.68           |     |
| K8I□25NL-SP | 25          | 200            | 50          | 90 ~ 1400          | 0.19/1.9     | 0.047/0.47            | 0.085/0.85  | 0.36           | 1.8 |
|             |             |                | 60          | 90 ~ 1700          | 0.13/1.3     | 0.043/0.43            |             | 0.38           |     |
| K8I□25NC-SP | 25          | 220            | 50          | 90 ~ 1400          | 0.19/1.9     | 0.047/0.47            | 0.08/0.8    | 0.38           | 1.5 |
|             |             |                | 60          | 90 ~ 1700          | 0.13/1.3     | 0.043/0.43            |             | 0.35           |     |
|             |             | 230            | 50          | 90 ~ 1400          | 0.19/1.9     | 0.047/0.47            | 0.087/0.87  | 0.4            |     |
|             |             |                | 60          | 90 ~ 1700          | 0.13/1.3     | 0.043/0.43            |             | 0.36           |     |
| K8I□25ND-SP | 25          | 240            | 50          | 90 ~ 1400          | 0.19/1.9     | 0.047/0.47            | 0.08/0.8    | 0.42           | 1.2 |

\* □ : 电机轴形状 (S : STRAIGHT, G : PINION)

### RATED TORQUE OF GEARHEAD

● 单项 100V/115V

单位 = 上段 : N·m / 下段 : kgf·cm

| Model Motor/Gearhead    | Ratio Speed(rpm) | 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          | 180          | 200          | 250     |
| K8IG25N□-SP<br>K8G□B(C) | 1200             | 0.49<br>4.9 | 0.58<br>5.8 | 0.81<br>8.1 | 0.97<br>9.7 | 1.22<br>12.2 | 1.46<br>14.6 | 1.62<br>16.2 | 2.03<br>20.3 | 2.43<br>24.3 | 2.92<br>29.2 | 2.92<br>29.2 | 3.65<br>36.5 | 4.37<br>43.7 | 5.25<br>52.5 | 5.83<br>58.3 | 6.56<br>65.6 | 7.87<br>78.7 | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80 |
|                         | 90               | 0.12<br>1.2 | 0.15<br>1.5 | 0.20<br>2.0 | 0.24<br>2.4 | 0.30<br>3.0  | 0.36<br>3.6  | 0.41<br>4.1  | 0.51<br>5.1  | 0.61<br>6.1  | 0.73<br>7.3  | 0.73<br>7.3  | 0.91<br>9.1  | 1.09<br>10.9 | 1.31<br>13.1 | 1.46<br>14.6 | 1.64<br>16.4 | 1.97<br>19.7 | 2.46<br>24.6 | 2.95<br>29.5 | 3.28<br>32.8 | 3.94<br>39.4 | 4.92<br>49.2 | 5.90<br>59.0 | 6.56<br>65.6 | 8<br>80 |

● 单项 200V/240V

单位 = 上段 : N·m / 下段 : kgf·cm

| Model Motor/Gearhead    | Ratio Speed(rpm) | 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          | 180          | 200          | 250          |              |
| K8IG25N□-SP<br>K8G□B(C) | 1200             | 200V/220V/230V<br>240V/50Hz | 0.46<br>4.6 | 0.55<br>5.5 | 0.77<br>7.7 | 0.92<br>9.2 | 1.15<br>11.5 | 1.39<br>13.9 | 1.54<br>15.4 | 1.92<br>19.2 | 2.31<br>23.1 | 2.77<br>27.7 | 2.77<br>27.7 | 3.46<br>34.6 | 4.16<br>41.6 | 4.99<br>49.9 | 5.54<br>55.4 | 6.23<br>62.3 | 7.48<br>74.8 | 9.35<br>93.5 | 11.22<br>112.2 | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      |
|                         |                  | 200V/220V<br>230V/60Hz      | 0.32<br>3.2 | 0.38<br>3.8 | 0.53<br>5.3 | 0.63<br>6.3 | 0.79<br>7.9  | 0.95<br>9.5  | 1.05<br>10.5 | 1.32<br>13.2 | 1.58<br>15.8 | 1.90<br>19.0 | 1.90<br>19.0 | 2.37<br>23.7 | 2.84<br>28.4 | 3.41<br>34.1 | 3.79<br>37.9 | 4.26<br>42.6 | 5.12<br>51.2 | 6.40<br>64.0 | 7.68<br>76.8   | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      | 8<br>80      |
|                         | 90               | 200V/220V/230V<br>240V/50Hz | 0.11<br>1.1 | 0.14<br>1.4 | 0.19<br>1.9 | 0.23<br>2.3 | 0.29<br>2.9  | 0.34<br>3.4  | 0.38<br>3.8  | 0.48<br>4.8  | 0.57<br>5.7  | 0.69<br>6.9  | 0.69<br>6.9  | 0.86<br>8.6  | 1.03<br>10.3 | 1.23<br>12.3 | 1.37<br>13.7 | 1.54<br>15.4 | 1.85<br>18.5 | 2.31<br>23.1 | 2.78<br>27.8   | 3.08<br>30.8 | 3.70<br>37.0 | 4.63<br>46.3 | 5.55<br>55.5 | 6.17<br>61.7 | 7.71<br>77.1 |
|                         |                  | 200V/220V<br>230V/60Hz      | 0.10<br>1.0 | 0.13<br>1.3 | 0.17<br>1.7 | 0.21<br>2.1 | 0.26<br>2.6  | 0.31<br>3.1  | 0.35<br>3.5  | 0.44<br>4.4  | 0.52<br>5.2  | 0.63<br>6.3  | 0.63<br>6.3  | 0.78<br>7.8  | 0.94<br>9.4  | 1.13<br>11.3 | 1.25<br>12.5 | 1.41<br>14.1 | 1.69<br>16.9 | 2.12<br>21.2 | 2.54<br>25.4   | 2.82<br>28.2 | 3.39<br>33.9 | 4.23<br>42.3 | 5.08<br>50.8 | 5.64<br>56.4 | 7.05<br>70.5 |

\* 减速机。中间减速机为另卖品

\* 减速机品名中 □里 为减速比

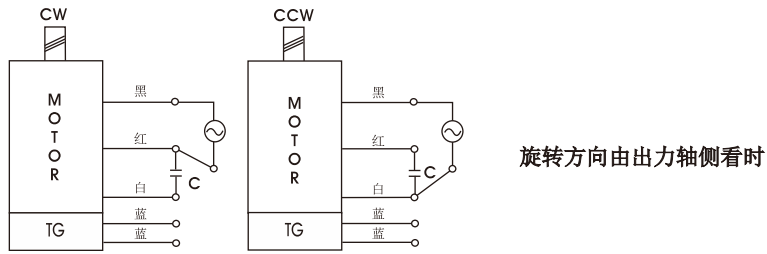
\* 色是与电机同一方向，其它为反方向。

\* 表 比此减速比还要高的减速比时可以使用中间减速机。此时的许容扭矩为 8N·m/80kgf·cm。

\* 转速以电机同期转速 (50Hz : 1500RPM 60Hz : 1800RPM)为基准除以减速比计算出来的。实际转速根据负载的大小比表上的数据小2-20%。

## GEARHEAD

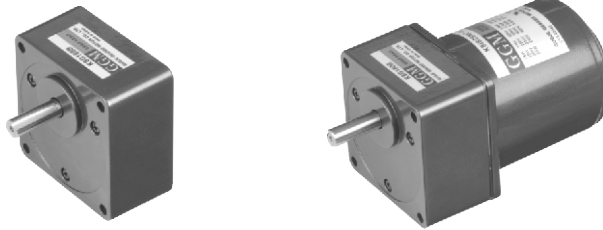
### CONNECTION DIAGRAMS



### DIMENSIONS

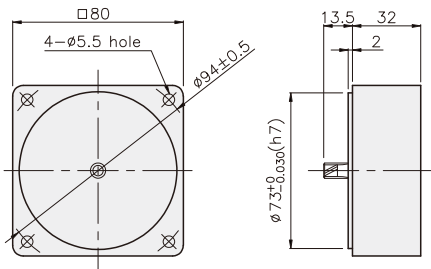
K8G□B(C)

K8IG25N□-SP + K8G□B(C)



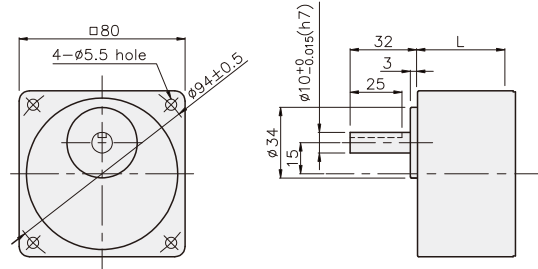
DECIMAL GEARHEAD

K8G10BX



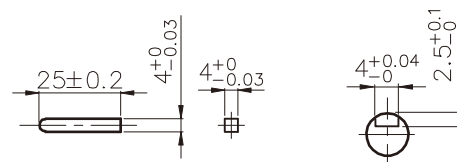
GEARHEAD

K8G□B(C)



### KEY SPEC

- KEY
- KEY GROOVE



### 尺寸表

| 编号 | L    | 应用型号          | 安装螺丝         |
|----|------|---------------|--------------|
| 01 | 32   | K8G3~18B(C)   | M5 P0.8 X 50 |
| 02 | 42.5 | K8G20~250B(C) | M5 P0.8 X 65 |
| 03 | 32   | K8G10BX       | M5 P0.8 X 95 |

### 重量

| PART              | WEIGHT(kg)    |      |
|-------------------|---------------|------|
| MOTOR             | 1.60          |      |
| DECIMAL GEAR HEAD | 0.46          |      |
| GEAR HEAD         | K8G3~18B(C)   | 0.51 |
|                   | K8G20~40B(C)  | 0.64 |
|                   | K8G50~250B(C) | 0.70 |

K8IG25N□-SP + K8G□B(C)

