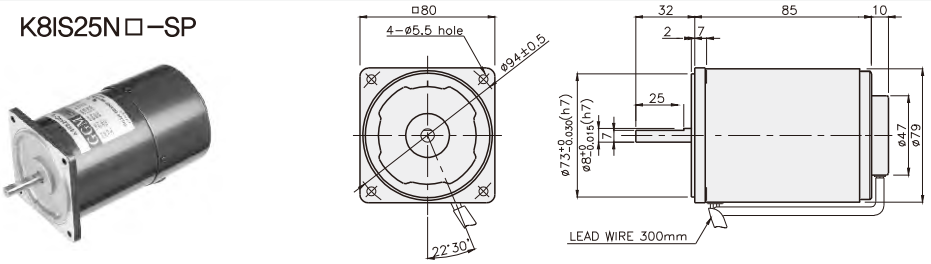


SPEED CONTROL MOTOR - SP SERIES

25W

□80mm INDUCTION MOTOR



SPECIFICATIONS

25W 연속정격, 4극

| Model | Voltage (V) | Frequency (Hz) | Speed (rpm) | Permissible Torque | | Start T. (N·m/kgf·cm) | Current (A) | Condenser (μF) |
|-------------|-------------|----------------|-----------------|-----------------------|---------------------|-----------------------|-------------|----------------|
| | | | | 1200 rpm (N·m/kgf·cm) | 90 rpm (N·m/kgf·cm) | | | |
| | | | | K8I□25NJ-SP | 25 | | | |
| K8I□25NU-SP | 25 | 110 | 60 90 ~ 1700 | 0.2/2 | 0.05/0.5 | 0.08/0.8 | 0.75 | 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 |

* □ : SHAFT 형상(S : STRAIGHT, G : PINION)

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : 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 K8G□B(C) | 1200 | 0.49 4.9 | 0.58 5.8 | 0.81 8.1 | 0.97 9.7 | 1.22 12.2 | 1.46 14.6 | 1.62 16.2 | 2.03 20.3 | 2.43 24.3 | 2.92 29.2 | 2.92 29.2 | 3.65 36.5 | 4.37 43.7 | 5.25 52.5 | 5.83 58.3 | 6.56 65.6 | 7.87 78.7 | 8 80 | 8 80 | 8 80 | 8 80 | 8 80 | 8 80 | 8 80 | 8 80 |
| | 90 | 0.12 1.2 | 0.15 1.5 | 0.20 2.0 | 0.24 2.4 | 0.30 3.0 | 0.36 3.6 | 0.41 4.1 | 0.51 5.1 | 0.61 6.1 | 0.73 7.3 | 0.73 7.3 | 0.91 9.1 | 1.09 10.9 | 1.31 13.1 | 1.46 14.6 | 1.64 16.4 | 1.97 19.7 | 2.46 24.6 | 2.95 29.5 | 3.28 32.8 | 3.94 39.4 | 4.92 49.2 | 5.90 59.0 | 6.56 65.6 | 8 80 |

● 단상 200V/240V

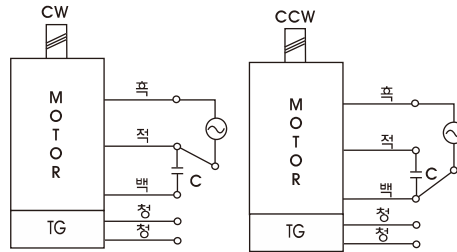
단위 = 상단 : N·m / 하단 : kgf·cm

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

- * GEARHEAD-DECIMAL GEARHEAD는 별매입니다.
- * GEARHEAD의 품명중 □에는 감속비가 들어갑니다.
- * 색이 MOTOR와 같은 방향, 그 외에는 반대 방향입니다.
- * 표의 감속비보다 더 감속하고자 할 경우는 GEARHEAD와 MOTOR 사이에 감속비 10의 DECIMAL GEARHEAD를 설치할 수 있습니다. 이 경우의 허용 TORQUE는 8 N·m / 80 kgf·cm 입니다.
- * 회전수는 MOTOR의 동기 회전수 (50 Hz : 1500 rpm, 60 Hz : 1800 rpm)를 기준으로 하여 감속비로 나누어서 계산하였습니다. 실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.

GEARHEAD

CONNECTION DIAGRAMS

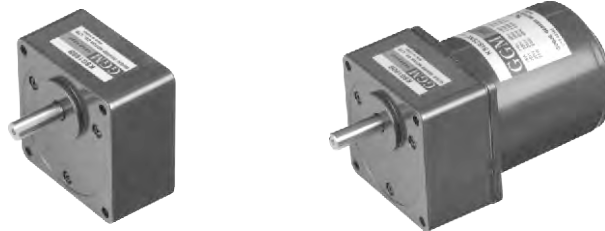


※ 회전방향은 출력축에서 볼경우

DIMENSIONS

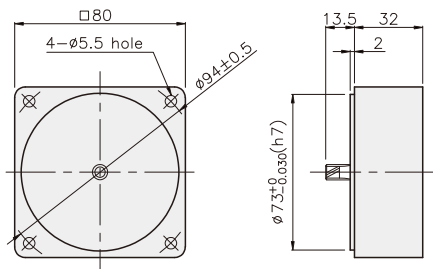
K8G□B(C)

K8IG25N□-SP + K8G□B(C)



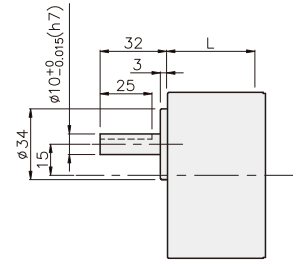
DECIMAL GEARHEAD

K8G10BX



GEARHEAD

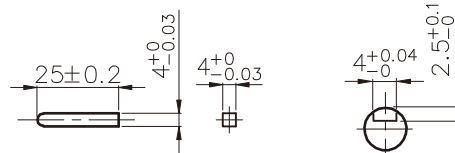
K8G□B(C)



KEY SPEC

● KEY

● KEY GROOVE



치수도표

| 품번 | L | 적용기종 | 취부 BOLT |
|----|------|---------------|--------------|
| 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 |

무게

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

K8IG25N□-SP + K8G□B(C)

