

GEARHEAD

RATED TORQUE OF GEARHEAD

● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

| Model Motor/Gearhead | Ratio Speed(rpm) | 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 | |
|--------------------------------|--------------------------------|---------------------------------|-------------|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------|-----------|
| | | K9R□180F□- SU K9P□BU, BUF | 1200 | 200V/220V 50Hz/60Hz | 2.14 2.14 | 2.57 2.57 | 3.56 3.56 | 4.28 4.28 | 5.35 5.35 | 6.42 6.42 | 7.13 7.13 | 8.02 8.02 | 9.62 9.62 | 11.55 11.55 | 12.83 12.83 | 14.43 14.43 | 17.32 17.32 | 20.79 20.79 | 23.09 23.09 | 28.87 28.87 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 |
| 230V 50Hz/60Hz 240V/50Hz | 2.31 2.31 | | | 2.77 2.77 | 3.85 3.85 | 4.62 4.62 | 5.77 5.77 | 6.93 6.93 | 7.70 7.70 | 8.66 8.66 | 10.39 10.39 | 12.47 12.47 | 13.85 13.85 | 15.58 15.58 | 18.70 18.70 | 22.44 22.44 | 24.93 24.93 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 20 200 | 30 300 | 30 300 |
| 90 | 200V/220V 50Hz/60Hz | | 0.73 7.3 | 0.87 8.7 | 1.22 12.2 | 1.46 14.6 | 1.82 18.2 | 2.19 21.9 | 2.43 24.3 | 2.73 27.3 | 3.28 32.8 | 3.94 39.4 | 4.37 43.7 | 4.92 49.2 | 5.90 59.0 | 7.09 70.9 | 7.87 78.7 | 9.84 98.4 | 11.81 118.1 | 13.29 132.9 | 15.94 159.4 | 17.71 177.1 | 21.26 212.6 | 26.57 265.7 | 30 300 | 30 300 |
| | 230V 50Hz/60Hz 240V/50Hz | | 0.78 7.8 | 0.93 9.3 | 1.30 13.0 | 1.56 15.6 | 1.94 19.4 | 2.33 23.3 | 2.59 25.9 | 2.92 29.2 | 3.50 35.0 | 4.20 42.0 | 4.67 46.7 | 5.25 52.5 | 6.30 63.0 | 7.56 75.6 | 8.40 84.0 | 10.50 105.0 | 12.60 126.0 | 14.17 141.7 | 17.01 170.1 | 18.90 189.0 | 22.67 226.7 | 28.34 283.4 | 30 300 | 30 300 |

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

| Model Motor/Gearhead | Ratio Speed(rpm) | 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 | |
|-------------------------|---------------------|-----------------------|-------------|-----------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------|-----------|
| | | K9R□180F□- DK9P□BU | 1200 | 100V 50/60Hz | 2.14 2.14 | 2.57 2.57 | 3.56 3.56 | 4.28 4.28 | 5.35 5.35 | 6.42 6.42 | 7.13 7.13 | 8.02 8.02 | 9.62 9.62 | 11.55 11.55 | 12.83 12.83 | 14.43 14.43 | 17.32 17.32 | 20.79 20.79 | 23.09 23.09 | 28.87 28.87 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 |
| 110V/115V 60Hz | 2.67 26.7 | | | 3.21 32.1 | 4.46 44.6 | 5.35 53.5 | 6.68 66.8 | 8.02 80.2 | 8.91 89.1 | 10.02 100.2 | 12.03 120.3 | 14.43 144.3 | 16.04 160.4 | 18.04 180.4 | 21.65 216.5 | 25.98 259.8 | 28.87 288.7 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 |
| 90 | 100V 50/60Hz | | 0.80 8.0 | 0.96 9.6 | 1.34 13.4 | 1.60 16.0 | 2.00 20.0 | 2.41 24.1 | 2.67 26.7 | 3.01 30.1 | 3.61 36.1 | 4.33 43.3 | 4.81 48.1 | 5.41 54.1 | 6.50 65.0 | 7.79 77.9 | 8.66 86.6 | 10.83 108.3 | 12.99 129.9 | 14.61 146.1 | 17.54 175.4 | 19.49 194.9 | 23.38 233.8 | 29.23 292.3 | 30 300 | 30 300 |
| | 110V/115V 60Hz | | 0.92 9.2 | 1.11 11.1 | 1.54 15.4 | 1.85 18.5 | 2.31 23.1 | 2.77 27.7 | 3.08 30.8 | 3.46 34.6 | 4.16 41.6 | 4.99 49.9 | 5.54 55.4 | 6.23 62.3 | 7.48 74.8 | 8.98 89.8 | 9.97 99.7 | 12.47 124.7 | 14.96 149.6 | 16.83 168.3 | 20.19 201.9 | 22.44 224.4 | 26.93 269.3 | 30 300 | 30 300 | 30 300 |

● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

| Model Motor/Gearhead | Ratio Speed(rpm) | 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 | |
|--------------------------------|--------------------------------|-----------------------|-------------|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------|-----------|
| | | K9R□180F□- DK9P□BU | 1200 | 200V/220V 50Hz/60Hz | 2.14 2.14 | 2.57 2.57 | 3.56 3.56 | 4.28 4.28 | 5.35 5.35 | 6.42 6.42 | 7.13 7.13 | 8.02 8.02 | 9.62 9.62 | 11.55 11.55 | 12.83 12.83 | 14.43 14.43 | 17.32 17.32 | 20.79 20.79 | 23.09 23.09 | 28.87 28.87 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 |
| 230V 50Hz/60Hz 240V/50Hz | 2.31 2.31 | | | 2.77 2.77 | 3.85 3.85 | 4.62 4.62 | 5.77 5.77 | 6.93 6.93 | 7.70 7.70 | 8.66 8.66 | 10.39 10.39 | 12.47 12.47 | 13.85 13.85 | 15.58 15.58 | 18.70 18.70 | 22.44 22.44 | 24.93 24.93 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 |
| 90 | 200V/220V 50Hz/60Hz | | 0.73 7.3 | 0.87 8.7 | 1.22 12.2 | 1.46 14.6 | 1.82 18.2 | 2.19 21.9 | 2.43 24.3 | 2.73 27.3 | 3.28 32.8 | 3.94 39.4 | 4.37 43.7 | 4.92 49.2 | 5.90 59.0 | 7.09 70.9 | 7.87 78.7 | 9.84 98.4 | 11.81 118.1 | 13.29 132.9 | 15.94 159.4 | 17.71 177.1 | 21.26 212.6 | 26.57 265.7 | 30 300 | 30 300 |
| | 230V 50Hz/60Hz 240V/50Hz | | 0.78 7.8 | 0.93 9.3 | 1.30 13.0 | 1.56 15.6 | 1.94 19.4 | 2.33 23.3 | 2.59 25.9 | 2.92 29.2 | 3.50 35.0 | 4.20 42.0 | 4.67 46.7 | 5.25 52.5 | 6.30 63.0 | 7.56 75.6 | 8.40 84.0 | 10.50 105.0 | 12.60 126.0 | 14.17 141.7 | 17.01 170.1 | 18.90 189.0 | 22.67 226.7 | 28.34 283.4 | 30 300 | 30 300 |

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

| Model Motor/Gearhead | Ratio Speed(rpm) | 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 | |
|-------------------------|---------------------|------------------------|-------------|-----------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------|-----------|
| | | K9R□180F□- DK9P□BUF | 1200 | 100V 50/60Hz | 2.14 2.14 | 2.57 2.57 | 3.56 3.56 | 4.28 4.28 | 5.35 5.35 | 6.42 6.42 | 7.13 7.13 | 8.02 8.02 | 9.62 9.62 | 11.55 11.55 | 12.83 12.83 | 14.43 14.43 | 17.32 17.32 | 20.79 20.79 | 23.09 23.09 | 28.87 28.87 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 |
| 110V/115V 60Hz | 2.67 26.7 | | | 3.21 32.1 | 4.46 44.6 | 5.35 53.5 | 6.68 66.8 | 8.02 80.2 | 8.91 89.1 | 10.02 100.2 | 12.03 120.3 | 14.43 144.3 | 16.04 160.4 | 18.04 180.4 | 21.65 216.5 | 25.98 259.8 | 28.87 288.7 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 |
| 90 | 100V 50/60Hz | | 0.80 8.0 | 0.96 9.6 | 1.34 13.4 | 1.60 16.0 | 2.00 20.0 | 2.41 24.1 | 2.67 26.7 | 3.01 30.1 | 3.61 36.1 | 4.33 43.3 | 4.81 48.1 | 5.41 54.1 | 6.50 65.0 | 7.79 77.9 | 8.66 86.6 | 10.83 108.3 | 12.99 129.9 | 14.61 146.1 | 17.54 175.4 | 19.49 194.9 | 23.38 233.8 | 29.23 292.3 | 30 300 | 30 300 |
| | 110V/115V 60Hz | | 0.92 9.2 | 1.11 11.1 | 1.54 15.4 | 1.85 18.5 | 2.31 23.1 | 2.77 27.7 | 3.08 30.8 | 3.46 34.6 | 4.16 41.6 | 4.99 49.9 | 5.54 55.4 | 6.23 62.3 | 7.48 74.8 | 8.98 89.8 | 9.97 99.7 | 12.47 124.7 | 14.96 149.6 | 16.83 168.3 | 20.19 201.9 | 22.44 224.4 | 26.93 269.3 | 30 300 | 30 300 | 30 300 |

● 단상 200V/240V

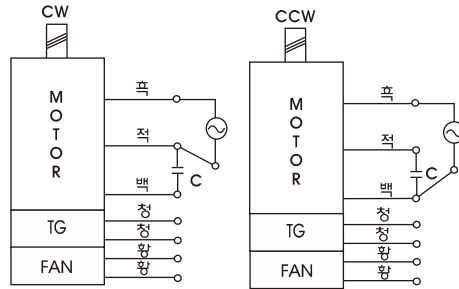
단위 = 상단 : N·m / 하단 : kgf·cm

| Model Motor/Gearhead | Ratio Speed(rpm) | 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 | |
|--------------------------------|--------------------------------|------------------------|-------------|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------|-----------|
| | | K9R□180F□- DK9P□BUF | 1200 | 200V/220V 50Hz/60Hz | 2.14 2.14 | 2.57 2.57 | 3.56 3.56 | 4.28 4.28 | 5.35 5.35 | 6.42 6.42 | 7.13 7.13 | 8.02 8.02 | 9.62 9.62 | 11.55 11.55 | 12.83 12.83 | 14.43 14.43 | 17.32 17.32 | 20.79 20.79 | 23.09 23.09 | 28.87 28.87 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 |
| 230V 50Hz/60Hz 240V/50Hz | 2.31 2.31 | | | 2.77 2.77 | 3.85 3.85 | 4.62 4.62 | 5.77 5.77 | 6.93 6.93 | 7.70 7.70 | 8.66 8.66 | 10.39 10.39 | 12.47 12.47 | 13.85 13.85 | 15.58 15.58 | 18.70 18.70 | 22.44 22.44 | 24.93 24.93 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 | 30 300 |
| 90 | 200V/220V 50Hz/60Hz | | 0.73 7.3 | 0.87 8.7 | 1.22 12.2 | 1.46 14.6 | 1.82 18.2 | 2.19 21.9 | 2.43 24.3 | 2.73 27.3 | 3.28 32.8 | 3.94 39.4 | 4.37 43.7 | 4.92 49.2 | 5.90 59.0 | 7.09 70.9 | 7.87 78.7 | 9.84 98.4 | 11.81 118.1 | 13.29 132.9 | 15.94 159.4 | 17.71 177.1 | 21.26 212.6 | 26.57 265.7 | 30 300 | 30 300 |
| | 230V 50Hz/60Hz 240V/50Hz | | 0.78 7.8 | 0.93 9.3 | 1.30 13.0 | 1.56 15.6 | 1.94 19.4 | 2.33 23.3 | 2.59 25.9 | 2.92 29.2 | 3.50 35.0 | 4.20 42.0 | 4.67 46.7 | 5.25 52.5 | 6.30 63.0 | 7.56 75.6 | 8.40 84.0 | 10.50 105.0 | 12.60 126.0 | 14.17 141.7 | 17.01 170.1 | 18.90 189.0 | 22.67 226.7 | 28.34 283.4 | 30 300 | 30 300 |

- * 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 30 N·m / 300 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

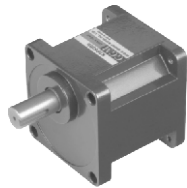
CONNECTION DIAGRAMS



회전방향은 출력축에서 볼 경우

DIMENSIONS

K9P□BU

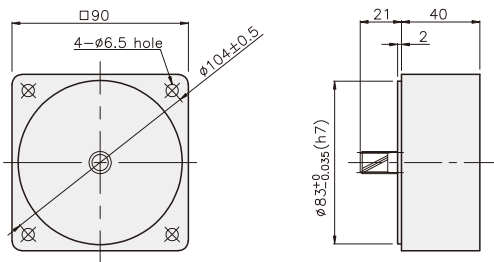


K9P□BUF

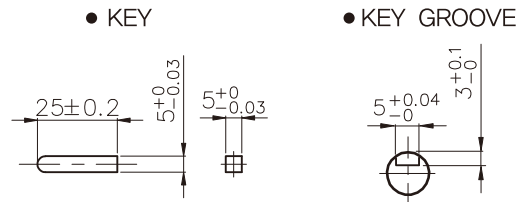


DECIMAL GEARHEAD

K9P10BX

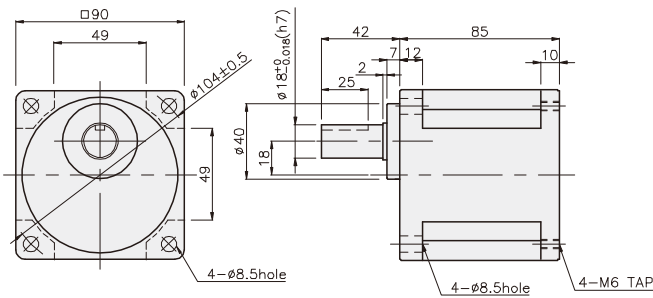


KEY SPEC

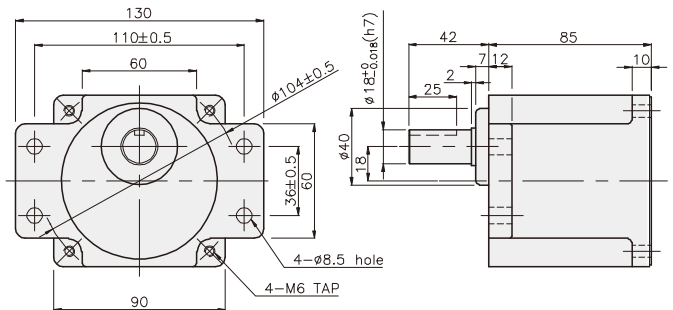


GEARHEAD

K9P□BU



K9P□BUF



GEARHEAD

DIMENSIONS

K9RP180F□-SU + K9P□BU



K9RP180F□-SU + K9P□BUF



무게

| PART | WEIGHT(kg) |
|------------------|------------|
| MOTOR | 4.24 |
| DECIMAL GEARHEAD | 0.62 |

치수도표

| 품번 | 적용기종 | 취부 BOLT |
|----|------------|--------------|
| 01 | K9P3~200BU | M6 P1.0 × 20 |
| 02 | K9P10BX | M6 P1.0 × 65 |

무게

| PART | WEIGHT(kg) |
|--------------|------------|
| K9P3~10BU | 1.44 |
| K9P12.5~20BU | 1.55 |
| K9P25~60BU | 1.69 |
| K9P75~200BU | 1.74 |

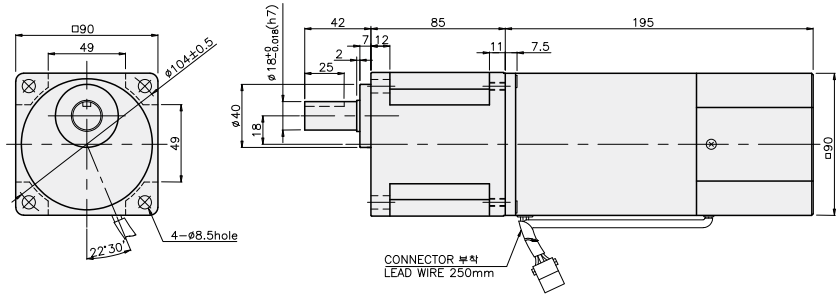
치수도표

| 품번 | 적용기종 | 취부 BOLT |
|----|-------------|--------------|
| 01 | K9P3~200BUF | M6 P1.0 × 20 |
| 02 | K9P10BX | M6 P1.0 × 65 |

무게

| PART | WEIGHT(kg) |
|---------------|------------|
| K9P3~10BUF | 1.50 |
| K9P12.5~20BUF | 1.62 |
| K9P25~60BUF | 1.76 |
| K9P75~200BUF | 1.82 |

K9RP180F□-SU + K9P□BU



K9RP180F□-SU + K9P□BUF

