

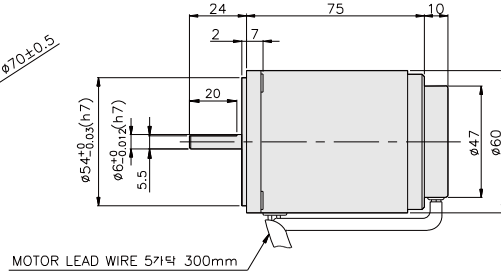
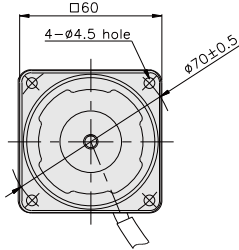
SPEED CONTROL MOTOR – SP SERIES

6W

□60mm

INDUCTION MOTOR

K6IS6N□-SP



SPECIFICATIONS

6W 연속정격, 4극

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)			
K6I□6NJ—SP	단상	100	50	90 ~ 1400	0.05/0.5	0.03/0.3	0.029/0.29	0.28	3
			60	90 ~ 1700				0.26	
K6I□6NU—SP		110	60	90 ~ 1700	0.05/0.5	0.03/0.3	0.03/0.3	0.24	2
		115							
K6I□6NL—SP		200	50	90 ~ 1400	0.05/0.5	0.029/0.29	0.03/0.3	0.19	0.8
			60	90 ~ 1700					
K6I□6NC—SP		220	50	90 ~ 1400	0.05/0.5	0.029/0.29	0.029/0.29	0.2	0.6
			60	90 ~ 1700			0.027/0.27		
		230	50	90 ~ 1400			0.029/0.29		
			60	90 ~ 1700					
K6I□6ND—SP	240	50	90 ~ 1400	0.05/0.5	0.029/0.29	0.03/0.3	0.21	0.5	

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																									
K6I□6N□-SP K6G□B(C)	1200	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 30	3 30	3 30	3 30	3 30	3 30
	90	0.07 0.7	0.08 0.8	0.12 1.2	0.14 1.4	0.18 1.8	0.21 2.1	0.23 2.3	0.26 2.6	0.32 3.2	0.42 4.2	0.42 4.2	0.53 5.3	0.63 6.3	0.76 7.6	0.85 8.5	0.95 9.5	1.14 11.4	1.43 14.3	1.71 17.1	1.90 19.0	2.28 22.8	2.85 28.5	3 30	3 30	3 30

● 단상 200V/240V

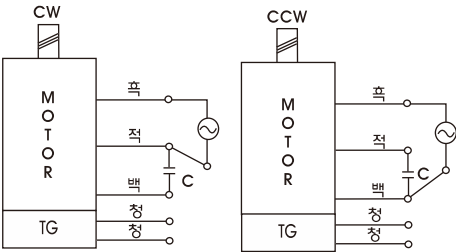
단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																									
K6I□6N□-SP K6G□B(C)	1200	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 30	3 30	3 30	3 30	3 30	3 30
	90	0.07 0.7	0.08 0.8	0.12 1.2	0.14 1.4	0.18 1.8	0.21 2.1	0.23 2.3	0.29 2.9	0.35 3.5	0.42 4.2	0.42 4.2	0.53 5.3	0.63 6.3	0.76 7.6	0.85 8.5	0.95 9.5	1.14 11.4	1.43 14.3	1.71 17.1	1.90 19.0	2.28 22.8	2.85 28.5	3 30	3 30	3 30

- * 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 3 N·m / 30 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

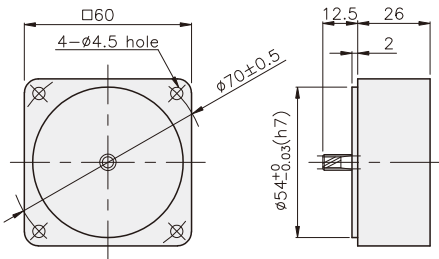
K6G□B(C)



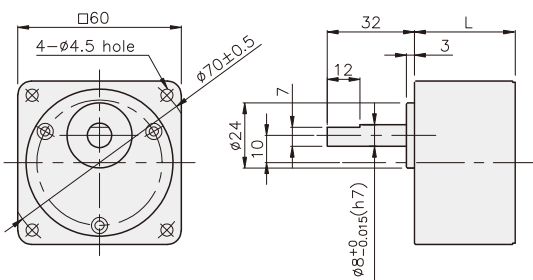
K6IG6N□-SP + K6G□B(C)



DECIMAL GEARHEAD
K6G10BX



GEARHEAD
K6G□B(C)



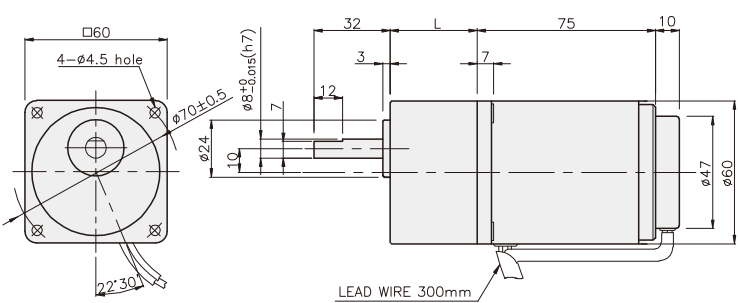
치수도표

품번	L	적용기종	취부 BOLT
01	30	K6G3~18B(C)	M4 P0.7 X 50
02	40	K6G20~250B(C)	M4 P0.7 X 60
03	26	K6G10BX	M4 P0.7 X 85

무게

PART		WEIGHT(kg)
MOTOR		0.79
DECIMAL GEARHEAD		0.22
GEAR HEAD	K6G3~18B(C)	0.26
	K6G20~40B(C)	0.33
	K6G50~250B(C)	0.36

K6IG6N□-SP + K6G□B(C)



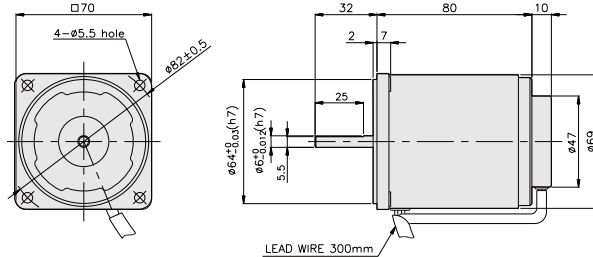
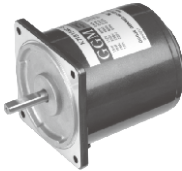
SPEED CONTROL MOTOR – SP SERIES

15W

□70mm

INDUCTION MOTOR

K7IS15N□-SP



SPECIFICATIONS

15W 연속정격, 4극

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)			
K7I□15NJ—SP	단상	100	50	90 ~ 1400	0.125/1.25	0.045/0.45	0.07/0.7	0.55	5
			60	90 ~ 1700				0.51	
K7I□15NU—SP		110	60	90 ~ 1700	0.125/1.25	0.045/0.45	0.07/0.7	0.47	4.5
		115					0.075/0.75	0.5	
K7I□15NL—SP		200	50	90 ~ 1400	0.125/1.25	0.04/0.4	0.08/0.8	0.3	1.5
			60	90 ~ 1700			0.105/1.05	0.085/0.85	
K7I□15NC—SP		220	50	90 ~ 1400	0.125/1.25	0.04/0.4	0.06/0.6	0.29	1
			60	90 ~ 1700				0.105/1.05	
		230	50	90 ~ 1400	0.125/1.25		0.065/0.65	0.3	
			60	90 ~ 1700				0.105/1.05	
K7I□15ND—SP		240	50	90 ~ 1400	0.125/1.25	0.04/0.4	0.07/0.7	0.32	1

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K7I□15N□-SP K7G□B(C)	1200	0.30 3.0	0.36 3.6	0.51 5.1	0.61 6.1	0.76 7.6	0.91 9.1	1.01 10.1	1.27 12.7	1.52 15.2	1.82 18.2	1.82 18.2	2.28 22.8	2.73 27.3	3.28 32.8	3.65 36.5	4.10 41.0	4.92 49.2	5 50	5 50	5 50	5 50	5 50	5 50	5 50
	90	0.11 1.1	0.13 1.3	0.18 1.8	0.22 2.2	0.27 2.7	0.33 3.3	0.36 3.6	0.46 4.6	0.55 5.5	0.66 6.6	0.66 6.6	0.82 8.2	0.98 9.8	1.18 11.8	1.31 13.1	1.48 14.8	1.77 17.7	2.21 22.1	2.66 26.6	2.95 29.5	3.54 35.4	4.43 44.3	5 50	5 50

● 단상 200V/240V

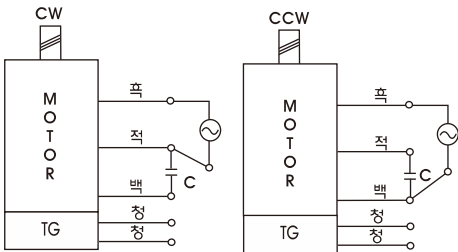
단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K7I□15N□-SP K7G□B(C)	1200	200V/220V/230V/240V 50Hz	0.30 3.0	0.36 3.6	0.51 5.1	0.61 6.1	0.76 7.6	0.91 9.1	1.01 10.1	1.27 12.7	1.52 15.2	1.82 18.2	1.82 18.2	2.28 22.8	2.73 27.3	3.28 32.8	3.65 36.5	4.10 41.0	4.92 49.2	6.15 61.5	5 50	5 50	5 50	5 50	5 50
		200V/220V/230V/60Hz	0.26 2.6	0.31 3.1	0.43 4.3	0.51 5.1	0.64 6.4	0.77 7.7	0.85 8.5	1.06 10.6	1.28 12.8	1.53 15.3	1.53 15.3	1.91 19.1	2.30 23.0	2.76 27.6	3.06 30.6	3.44 34.4	4.13 41.3	5 50	5 50	5 50	5 50	5 50	5 50
	90		0.10 1.0	0.12 1.2	0.16 1.6	0.19 1.9	0.24 2.4	0.29 2.9	0.32 3.2	0.41 4.1	0.49 4.9	0.58 5.8	0.58 5.8	0.73 7.3	0.87 8.7	1.05 10.5	1.17 11.7	1.31 13.1	1.57 15.7	1.97 19.7	2.36 23.6	2.62 26.2	3.15 31.5	3.94 39.4	4.72 47.2

- * 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 5 N·m / 50 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



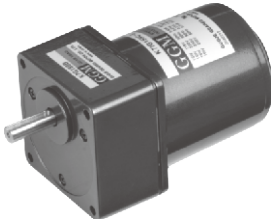
※ 회전방향은 출력축에서 볼 경우

DIMENSIONS

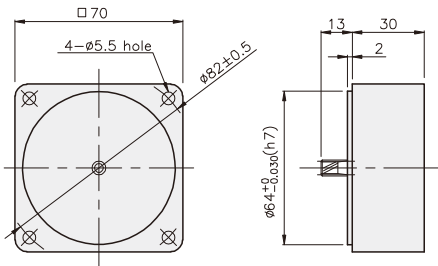
K7G□B(C)



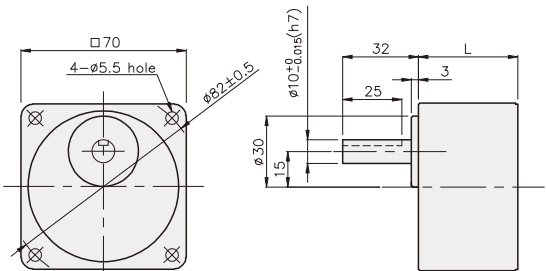
K7IG15N□-SP + K7G□B(C)



DECIMAL GEARHEAD
K7G10BX

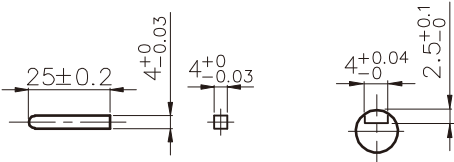


GEARHEAD
K7G□B(C)



KEY SPEC

- KEY
- KEY GROOVE



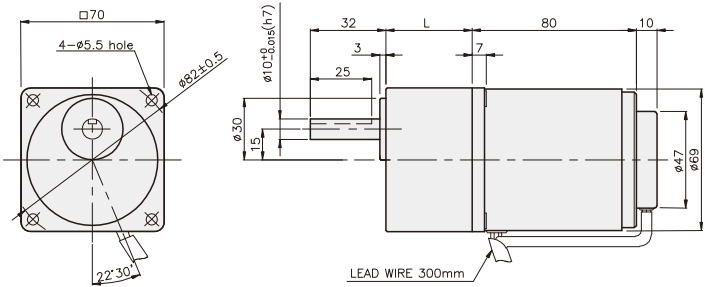
치수도표

품번	L	적용기종	취부 BOLT
01	32	K7G3~18B(C)	M5 P0.8 X 50
02	42	K7G20~200B(C)	M5 P0.8 X 65
03	30	K7G10BX	M5 P0.8 X 90

무게

PART	WEIGHT(kg)
MOTOR	1.16
DECIMAL GEARHEAD	0.32
GEAR HEAD	
K7G3~18B(C)	0.38
K7G20~40B(C)	0.46
K7G50~200B(C)	0.51

K7IG15N□-SP + K7G□B(C)



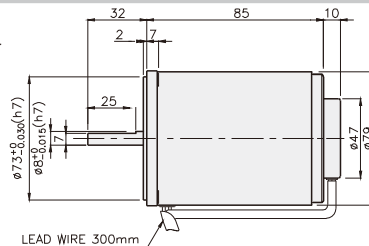
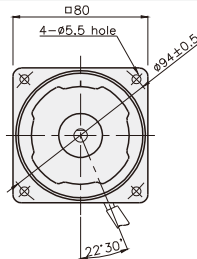
SPEED CONTROL MOTOR – SP SERIES

25W

□80mm

INDUCTION MOTOR

K8IS25N□-SP



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	90 rpm			
						(N·m/kgf·cm)	(N·m/kgf·cm)			
K8I□25NJ—SP	단상	25	100	50	90 ~ 1400	0.2/2	0.05/0.5	0.08/0.8	0.8	7
				60	90 ~ 1700				0.75	
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

* □ : 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)	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

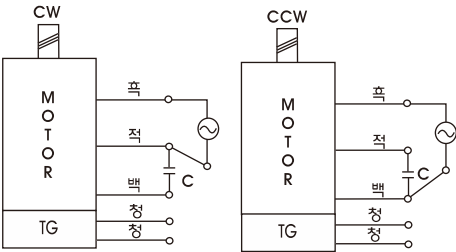
단위 = 상단 : N·m / 하단 : kgf·cm

Model Motor/Gearhead	Ratio Speed(rpm)	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
		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
	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
		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
		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
		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

- * 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 볼 경우

DIMENSIONS

K8G□B(C)

K8IG25N□-SP + K8G□B(C)

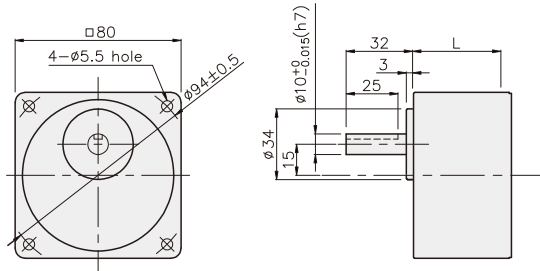
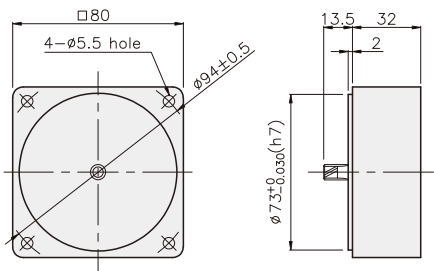


DECIMAL GEARHEAD

GEARHEAD

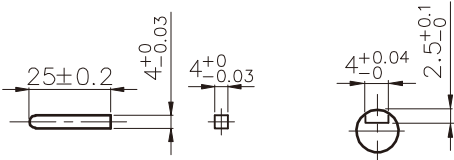
K8G10BX

K8G□B(C)



KEY SPEC

- KEY
- KEY GROOVE



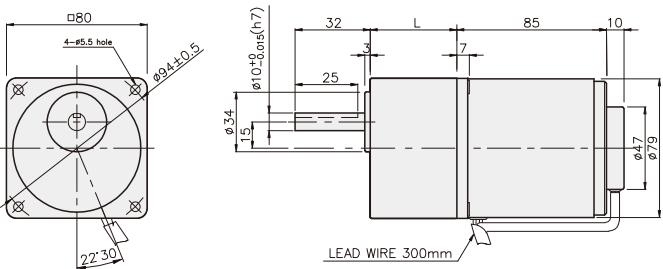
치수도표

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)



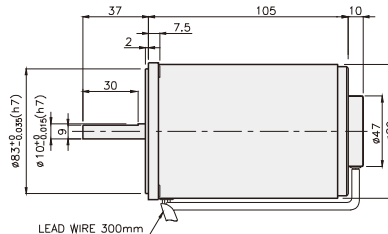
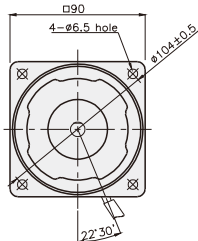
SPEED CONTROL MOTOR – SP SERIES

40W

□ 90mm

INDUCTION MOTOR

K9IS40N□-SP



SPECIFICATIONS

40W 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)			
K9I□40NJ-SP	단상	100	50	90 ~ 1400	0.26/2.6	0.07/0.7	0.14/1.4	1.3	12
			60	90 ~ 1700					
K9I□40NU-SP		110	60	90 ~ 1700	0.26/2.6	0.07/0.7	0.13/1.3	1.1	8
		115							
K9I□40NL-SP		200	50	90 ~ 1400	0.3/3	0.063/0.63	0.14/1.4	0.6	3
			60	90 ~ 1700	0.23/2.3			0.62	
K9I□40NC-SP		220	50	90 ~ 1400	0.3/3	0.063/0.63	0.14/1.4	0.58	2.5
			60	90 ~ 1700	0.23/2.3		0.13/1.3	0.62	
		230	50	90 ~ 1400	0.3/3		0.14/1.4	0.6	
			60	90 ~ 1700	0.23/2.3		0.13/1.3	0.62	
K9I□40ND-SP		240	50	90 ~ 1400	0.3/3	0.063/0.63	0.13/1.3	0.6	2

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9□40N□-SP K9□B(C)	1200	0.63 6.3	0.76 7.6	1.05 10.5	1.26 12.6	1.58 15.8	1.90 19.0	2.11 21.1	2.63 26.3	3.16 31.6	3.79 37.9	3.79 37.9	4.74 47.4	5.69 56.9	6.82 68.2	7.58 75.8	8.53 85.3	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100
	90	0.17 1.7	0.20 2.0	0.28 2.8	0.34 3.4	0.43 4.3	0.51 5.1	0.57 5.7	0.71 7.1	0.85 8.5	1.02 10.2	1.02 10.2	1.28 12.8	1.53 15.3	1.84 18.4	2.04 20.4	2.30 23.0	2.76 27.6	3.44 34.4	4.13 41.3	4.59 45.9	5.51 55.1	6.89 68.9	8.27 82.7	9.91 99.1

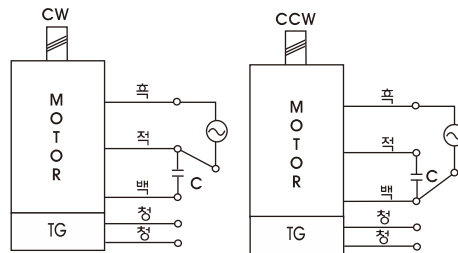
● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K91□40N□-SP K9GB(C)	1200	200/(220V/ 230V/240V 50Hz	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	3.04 30.4	3.65 36.5	4.37 43.7	4.37 43.7	5.47 54.7	6.56 65.6	7.87 78.7	8.75 87.5	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100
		200V/220V/ 230V/240V 60Hz	0.56 5.6	0.67 6.7	0.93 9.3	1.12 11.2	1.40 14.0	1.68 16.8	1.86 18.6	2.33 23.3	2.79 27.9	3.35 33.5	3.35 33.5	4.19 41.9	5.03 50.3	6.04 60.4	6.71 67.1	8.38 83.8	10 100	10 100	10 100	10 100	10 100	10 100	10 100
	90		0.15 1.5	0.18 1.8	0.26 2.6	0.31 3.1	0.38 3.8	0.46 4.6	0.51 5.1	0.64 6.4	0.77 7.7	0.92 9.2	1.15 11.5	1.38 13.8	1.65 16.5	1.84 18.4	2.07 20.7	2.48 24.8	3.10 31.0	3.72 37.2	4.13 41.3	4.96 49.6	6.20 62.0	7.44 74.4	8.27 82.7

- * GEARHEAD-DECIMAL GEARHEAD는 별매입니다.
- * GEARHEAD의 품명중 □에는 감속비가 들어갑니다.
- *  색이 MOTOR와 같은 방향, □ 외에는 반대 방향입니다.
- * 표의 감속비보다 더 감속하고자 할 경우는 GEARHEAD와 MOTOR 사이에 감속비 10의 DECIMAL GEARHEAD를 설치할 수 있습니다. 이 경우의 허용 TORQUE는 10 N·m / 100 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.

CONNECTION DIAGRAMS



※ 회전방향은 출력축에서 볼 경우

DIMENSIONS

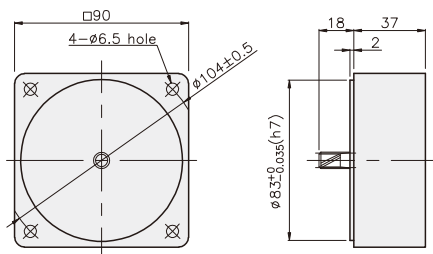
K9G□B(C)

K9IG40N□-SP + K9G□B(C)



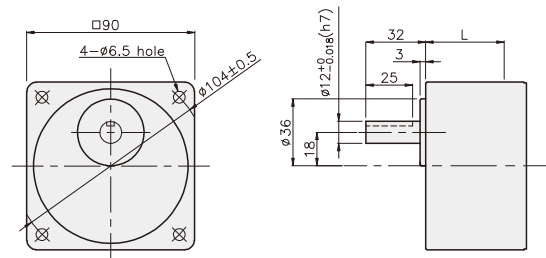
DECIMAL GEARHEAD

K9G10BX



GEARHEAD

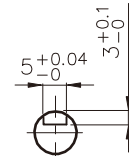
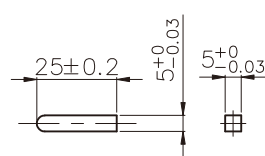
K9G□B(C)



KEY SPEC

● KEY

● KEY GROOVE



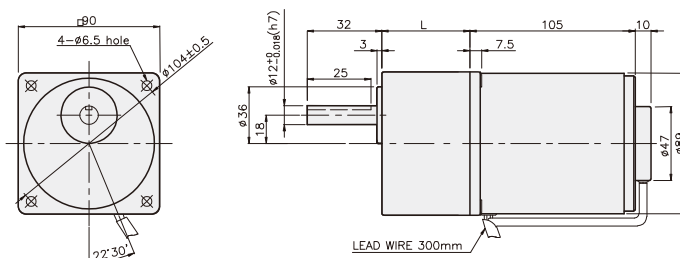
치수도표

품번	L	적용기종	취부 BOLT
01	42	K9G3~18B(C)	M6 P1.0 X 65
02	60	K9G20~200B(C)	M6 P1.0 X 80
03	37	K9G10BX	M6 P1.0 X 120

무게

PART		WEIGHT(kg)
MOTOR		2.48
DECIMAL GEARHEAD		0.60
GEAR HEAD	K9G3~18B(C)	0.78
	K9G20~40B(C)	1.04
	K9G50~200B(C)	1.14

K9IG40N□-SP + K9G□B(C)



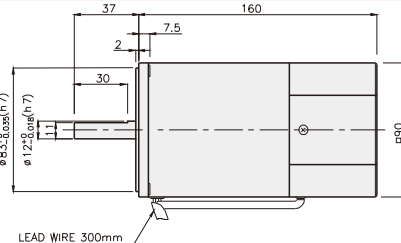
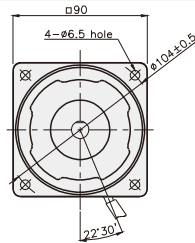
SPEED CONTROL MOTOR – SP SERIES

60W

□90mm

INDUCTION MOTOR

K9IS60F□-SP



SPECIFICATIONS

60W 연속정격, 4극

Model		Voltage (V)	Frequency (Hz)	Speed (rpm)	Permissible Torque		Start T. (N·m/kgf·cm)	Current (A)	Condenser (μ F)
					1200 rpm	90 rpm			
					(N·m/kgf·cm)	(N·m/kgf·cm)			
K9I□60FJ—SP	단상	100	50	90 ~ 1400	0.45/4,5	0.15/1,5	0,24/2,4	2,3	20
			60	90 ~ 1700			0,21/2,1		
K9I□60FU—SP		110	60	90 ~ 1700	0.45/4,5	0.15/1,5	0,285/2,85	2	16
		115					2,1		
K9I□60FL—SP		200	50	90 ~ 1400	0.49/4,9	0.14/1,4	0,24/2,4	1,2	5
			60	90 ~ 1700	0.45/4,5	0.16/1,6	0,21/2,1		
K9I□60FC—SP		220	50	90 ~ 1400	0.49/4,9	0.14/1,4	0,24/2,4	0,91	4
			60	90 ~ 1700	0.45/4,5	0.16/1,6	0,21/2,1	0,9	
		230	50	90 ~ 1400	0.49/4,9	0.14/1,4	0,24/2,4	1	
			60	90 ~ 1700	0.45/4,5	0.16/1,6	0,24/2,4		
K9I□60FD—SP		240	50	90 ~ 1400	0.49/4,9	0.14/1,4	0,28/2,8	1,1	4

* □ : SHAFT 형상(S : STRAIGHT, P : PINION) * 기종 명 끝에 60FC-SP 품번은 UL규격 인증 제품입니다. UL FILE NO. E204632

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9I□60F□-SP K9P□B, BF	1200	1.09 10.9	1.31 13.1	1.82 18.2	2.19 21.9	2.73 27.3	3.28 32.8	3.65 36.5	4.10 41.0	4.92 49.2	5.90 59.0	6.56 65.6	7.38 73.8	8.86 88.6	10.63 106.3	11.81 118.1	14.76 147.6	17.71 177.1	20 200	20 200	20 200	20 200	20 200	20 200	20 200
	90	0.36 3.6	0.44 4.4	0.61 6.1	0.73 7.3	0.91 9.1	1.09 10.9	1.22 12.2	1.37 13.7	1.64 16.4	1.97 19.7	2.19 21.9	2.46 24.6	2.95 29.5	3.54 35.4	3.94 39.4	4.92 49.2	5.90 59.0	6.64 66.4	7.97 79.7	8.86 88.6	10.63 106.3	13.29 132.9	15.94 159.4	17.71 177.1

● 단상 200V/240V

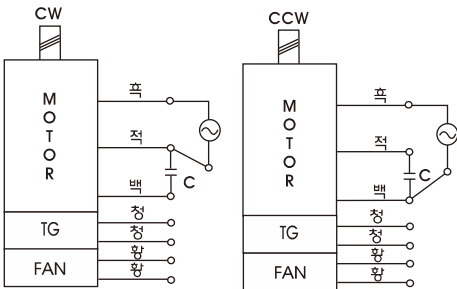
단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9I□60F□-SP K9P□B, BF	1200	200V/220V/230V 240V/50Hz	1.19 11.9	1.43 14.3	1.98 19.8	2.38 23.8	2.98 29.8	3.57 35.7	4.47 44.7	5.36 53.6	6.43 64.3	7.14 71.4	8.04 80.4	9.64 96.4	11.57 115.7	12.86 128.6	16.07 160.7	19.29 192.9	20 200	20 200	20 200	20 200	20 200	20 200	20 200
		200V/220V 230V/60Hz	1.09 10.9	1.31 13.1	1.82 18.2	2.19 21.9	2.73 27.3	3.28 32.8	3.65 36.5	4.10 41.0	4.92 49.2	5.90 59.0	6.56 65.6	7.38 73.8	8.86 88.6	10.63 106.3	11.81 118.1	14.76 147.6	17.71 177.1	20 200	20 200	20 200	20 200	20 200	20 200
	90	200V/220V/230V 240V/50Hz	0.34 3.4	0.41 4.1	0.57 5.7	0.68 6.8	0.85 8.5	1.02 10.2	1.13 11.3	1.28 12.8	1.53 15.3	1.84 18.4	2.04 20.4	2.30 23.0	2.76 27.6	3.31 33.1	3.67 36.7	4.59 45.9	5.51 55.1	6.20 62.0	7.44 74.4	8.27 82.7	9.92 99.2	12.40 124.0	14.88 148.8
		200V/220V 230V/60Hz	0.39 3.9	0.47 4.7	0.65 6.5	0.78 7.8	0.97 9.7	1.17 11.7	1.30 13.0	1.46 14.6	1.75 17.5	2.10 21.0	2.33 23.3	2.62 26.2	3.15 31.5	3.78 37.8	4.20 42.0	5.25 52.5	6.30 63.0	7.09 70.9	8.50 85.0	9.45 94.5	11.34 113.4	14.17 141.7	17.01 170.1

- * GEARHEAD-DECIMAL GEARHEAD는 별매입니다.
- * GEARHEAD의 품명중 □에는 감속비가 들어갑니다. * K9P TYPE GEARHEAD의 경우 감속 비율 3 ~ 20 까지는 품명 끝에 H가 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 20 N·m / 200 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 불경우

DIMENSIONS

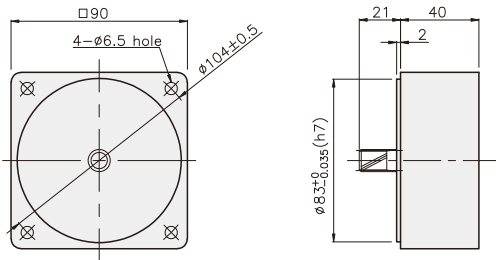
K9P□B



K9P□BF

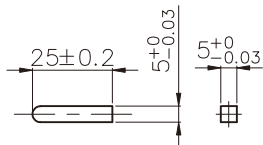


DECIMAL GEARHEAD
K9P10BX

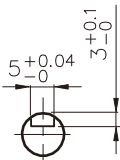


KEY SPEC

• KEY

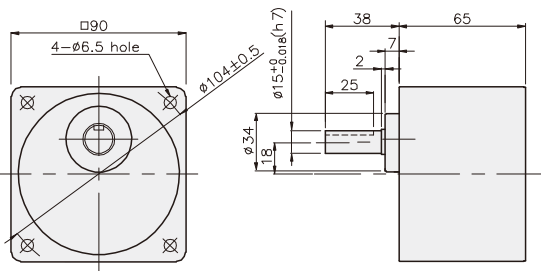


• KEY GROOVE

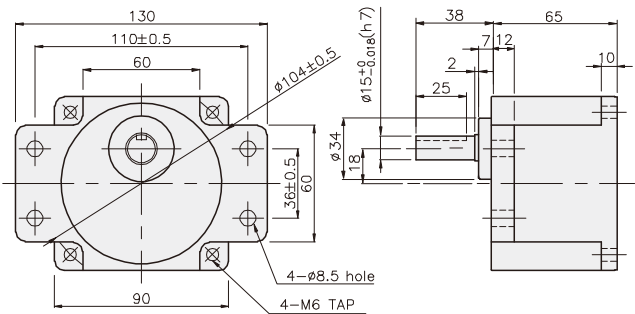


GEARHEAD

K9P□B



K9P□BF



DIMENSIONS

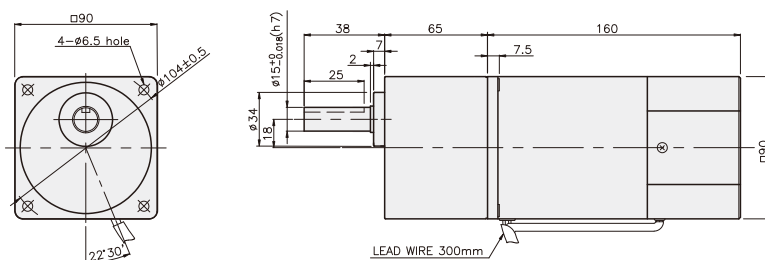
K9IP60F□-SP + K9P□B



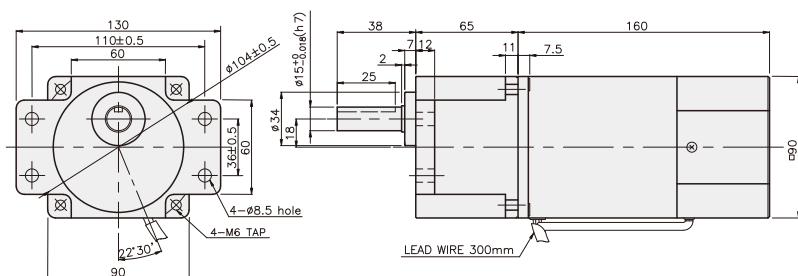
K9IP60F□-SP + K9P□BF



K9IP60F□-SP + K9P□B



K9IP60F□-SP + K9P□BF



치수도표

품번	적용기종	취부 BOLT
01	K9P3~200B	M6 P1.0 X 95
02	K9P10BX	M6 P1.0 X 140

무게

PART		WEIGHT(kg)
MOTOR		3,06
DECIMAL GEARHEAD		0,62
GEAR HEAD	K9P3~10B	1,22
	K9P12.5~20B	1,32
	K9P25~60B	1,42
	K9P75~200B	1,45

치수도표

품번	적용기종	취부 BOLT
01	K9P3~200BF	M6 P1.0 X 20
02	K9P10BX	M6 P1.0 X 65

무게

PART		WEIGHT(kg)
MOTOR		3,06
DECIMAL GEARHEAD		0,62
GEAR HEAD	K9P3~10BF	1,22
	K9P12.5~20BF	1,30
	K9P25~60BF	1,42
	K9P75~200BF	1,44

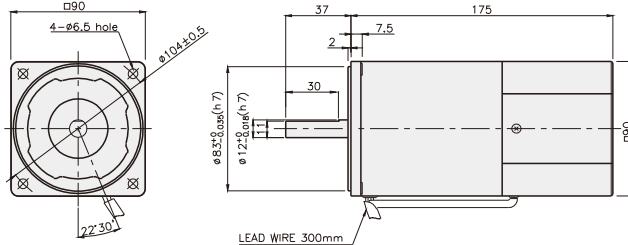
SPEED CONTROL MOTOR - SP SERIES

90W

□90mm

INDUCTION MOTOR

K9IS90F□-SP



SPECIFICATIONS

90W 연속정격, 4극

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)			
K9I□90FJ—SP	단상	100	50	90 ~ 1400	0.7/7	0.23/2.3	0.36/3.6	3.2	30
			60	90 ~ 1700					
K9I□90FU—SP		110	60	90 ~ 1700	0.7/7	0.23/2.3	0.35/3.5	2.6	20
		115							
K9I□90FL—SP		200	50	90 ~ 1400	0.73/7.3	0.23/2.3	0.36/3.6	1.3	7
			60	90 ~ 1700		0.26/2.6			
K9I□90FC—SP		220	50	90 ~ 1400	0.73/7.3	0.23/2.3	0.36/3.6	1.1	6
			60	90 ~ 1700		0.26/2.6		1.2	
		230	50	90 ~ 1400		0.23/2.3	0.4/4		
			60	90 ~ 1700		0.26/2.6			
K9I□90FD—SP		240	50	90 ~ 1400	0.73/7.3	0.23/2.3	0.36/3.6	1.2	5

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9I□90F□-SP K9P□B, BF	1200	1.70 17.0	2.04 20.4	2.84 28.4	3.40 34.0	4.25 42.5	5.10 51.0	5.67 56.7	6.38 63.8	7.65 76.5	9.19 91.9	10.21 102.1	11.48 114.8	13.78 137.8	16.53 165.3	18.37 183.7	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0
	90	0.56 5.6	0.67 6.7	0.93 9.3	1.12 11.2	1.40 14.0	1.68 16.8	1.86 18.6	2.10 21.0	2.52 25.2	3.02 30.2	3.35 33.5	3.77 37.7	4.53 45.3	5.43 54.3	6.04 60.4	7.55 75.5	9.05 90.5	10.19 101.9	12.22 122.2	13.58 135.8	16.30 163.0	20.20 202.0	20.20 202.0	20.20 202.0

● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9I□90F□-SP K9P□B, BF	1200	1.77 17.7	2.13 21.3	2.96 29.6	3.55 35.5	4.43 44.3	5.32 53.2	5.91 59.1	6.65 66.5	7.98 79.8	9.58 95.8	10.64 106.4	11.97 119.7	14.37 143.7	17.24 172.4	19.16 191.6	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0	20.20 202.0
	90	200V/220V/230V 240V/50Hz	0.56 5.6	0.67 6.7	0.93 9.3	1.12 11.2	1.40 14.0	1.68 16.8	1.86 18.6	2.10 21.0	2.52 25.2	3.02 30.2	3.35 33.5	3.77 37.7	4.53 45.3	5.43 54.3	6.04 60.4	7.55 75.5	9.05 90.5	10.19 101.9	12.22 122.2	13.58 135.8	16.30 163.0	20.20 202.0	20.20 202.0
		200V/220V 230V/60Hz	0.63 6.3	0.76 7.6	1.05 10.5	1.26 12.6	1.58 15.8	1.90 19.0	2.11 21.1	2.37 23.7	2.84 28.4	3.41 34.1	3.79 37.9	4.26 42.6	5.12 51.2	6.14 61.4	6.82 68.2	8.53 85.3	10.24 102.4	11.51 115.1	13.82 138.2	15.35 153.5	18.42 184.2	20.20 202.0	20.20 202.0

- * 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 20 N·m / 200 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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9□90F□-SP K9P□BU, BUF	1200	1.70 17.0	2.04 20.4	2.84 28.4	3.40 34.0	4.25 42.5	5.10 51.0	5.67 56.7	6.38 63.8	7.65 76.5	9.91 99.1	10.21 102.1	11.48 114.8	13.78 137.8	16.53 165.3	18.37 183.7	22.96 229.6	27.56 275.6	30 300	30 300	30 300	30 300	30 300	30 300	30 300
	90	0.56 5.6	0.67 6.7	0.93 9.3	1.12 11.2	1.40 14.0	1.68 16.8	1.86 18.6	2.10 21.0	2.52 25.2	3.02 30.2	3.35 33.5	3.77 37.7	4.53 45.3	5.43 54.3	6.04 60.4	7.55 75.5	9.05 90.5	10.19 101.9	12.22 122.2	13.58 135.8	16.30 163.0	20.37 203.7	24.45 244.5	27.16 271.6

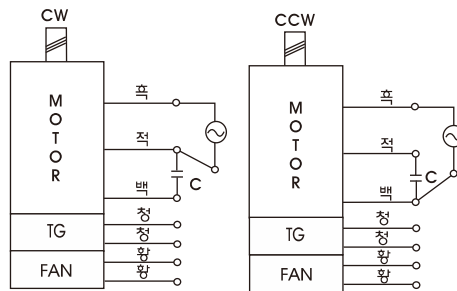
● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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	
Motor/Gearhead	Speed(rpm)																									
K9□90F□-SP K9P□BU, BUF	1200	1.77 17.7	2.13 21.3	2.96 29.6	3.55 35.5	4.43 44.3	5.32 53.2	5.91 59.1	6.65 66.5	7.98 79.8	9.58 95.8	10.64 106.4	11.97 119.7	14.37 143.7	17.24 172.4	19.16 191.6	23.95 239.5	28.74 287.4	30 300	30 300	30 300	30 300	30 300	30 300	30 300	
	90	200V/220V/230V 240V/50Hz	0.56 5.6	0.67 6.7	0.93 9.3	1.12 11.2	1.40 14.0	1.68 16.8	1.86 18.6	2.10 21.0	2.52 25.2	3.02 30.2	3.35 33.5	3.77 37.7	4.53 45.3	5.43 54.3	6.04 60.4	7.55 75.5	9.05 90.5	10.19 101.9	12.22 122.2	13.58 135.8	16.30 163.0	20.37 203.7	24.45 244.5	27.16 271.6
		200V/220V/ 230V/60Hz	0.63 6.3	0.76 7.6	1.05 10.5	1.26 12.6	1.58 15.8	1.90 19.0	2.11 21.1	2.37 23.7	2.84 28.4	3.41 34.1	3.79 37.9	4.26 42.6	5.12 51.2	6.14 61.4	6.82 68.2	8.53 85.3	10.24 102.4	11.51 115.1	13.82 138.2	15.35 153.5	18.42 184.2	23.03 230.3	27.63 276.3	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.

CONNECTION DIAGRAMS



※ 회전방향은 출력축에서 볼경우

GEARHEAD

DIMENSIONS

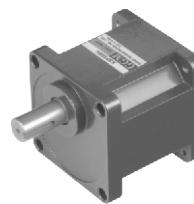
K9P□B



K9P□BF, BUF

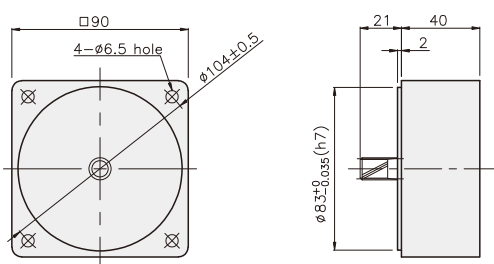


K9P□BU

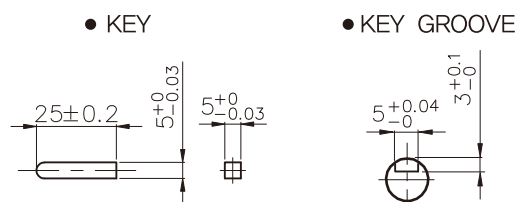


DECIMAL GEARHEAD

K9P10BX

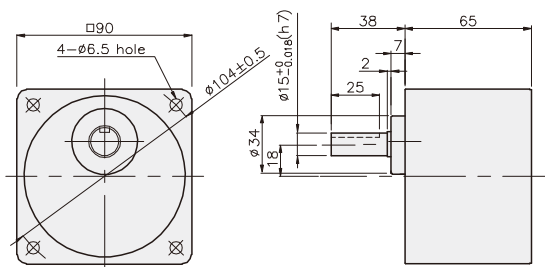


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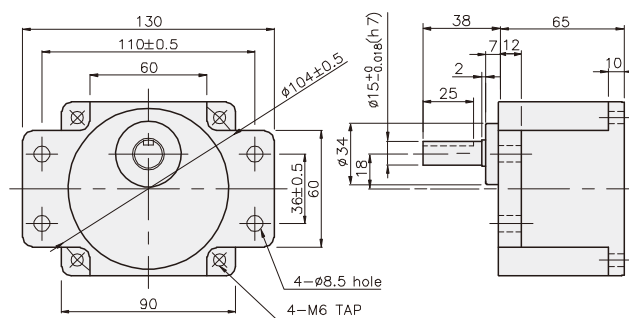


GEARHEAD

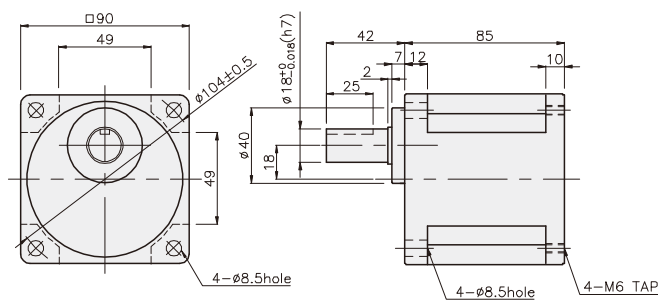
K9P□B



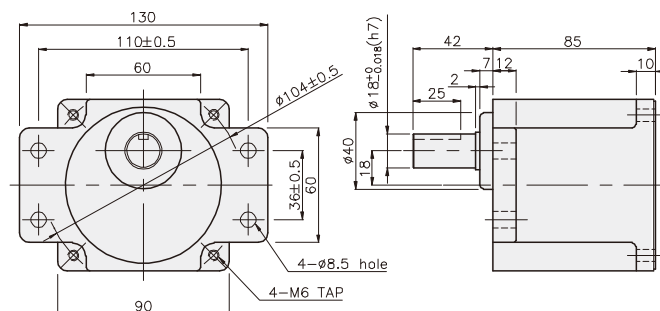
K9P□BF



K9P□BU



K9P□BUF



DIMENSIONS

K9IP90F□-SP + K9P□B



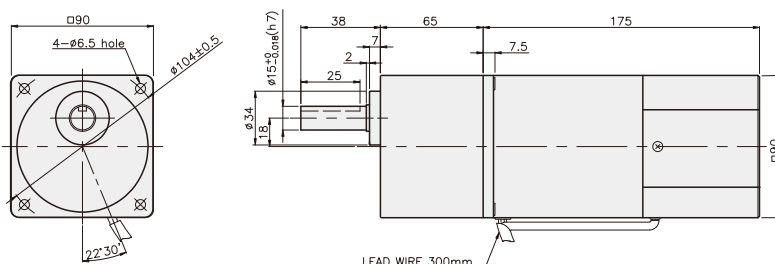
K9IP90F□-SP + K9P□BF, BUF



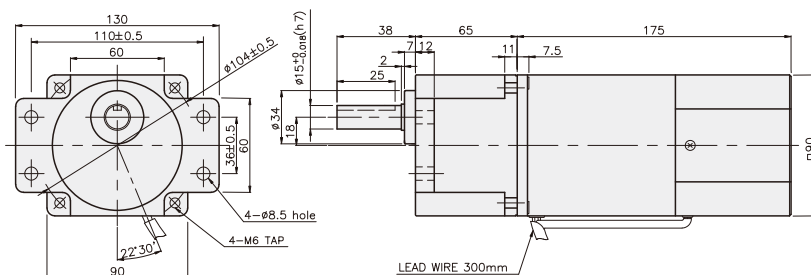
K9IP90F□-SP + K9P□BU



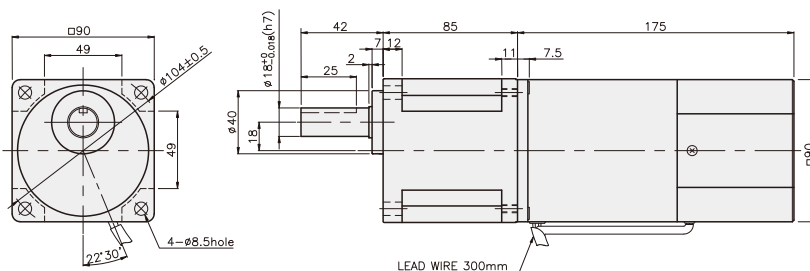
K9IP90F□-SP + K9P□B



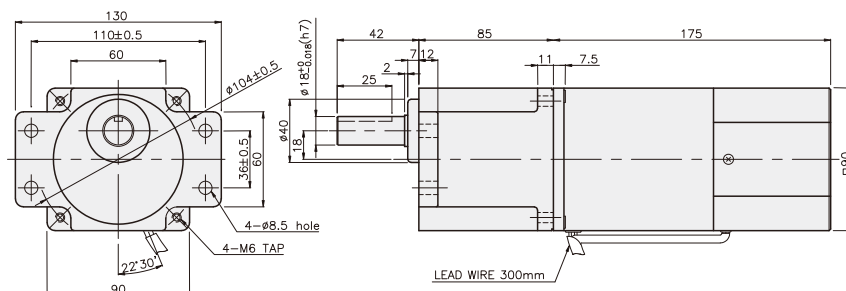
K9IP90F□-SP + K9P□BF



K9IP90F□-SP + K9P□BU



K9IP90F□-SP + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3.58
DECIMAL GEARHEAD	0.62

치수도표

품번	적용기종	취부 BOLT
01	K9P3~200B	M6 P1.0 X 95
02	K9P10BX	M6 P1.0 X 140

무게

PART	WEIGHT(kg)
K9P3~10B	1.22
K9P12.5~20B	1.32
K9P25~60B	1.42
K9P75~200B	1.45

치수도표

품번	적용기종	취부 BOLT
01	K9P3~200BF	M6 P1.0 X 20
02	K9P10BX	M6 P1.0 X 65

무게

PART	WEIGHT(kg)
K9P3~10BF	1.22
K9P12.5~20BF	1.30
K9P25~60BF	1.42
K9P75~200BF	1.44

치수도표

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

무게

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

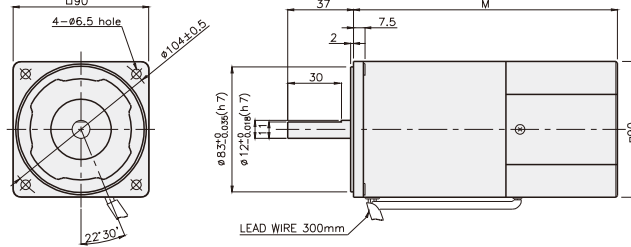
SPEED CONTROL MOTOR – SP SERIES

120W

□90mm

INDUCTION MOTOR

K9IS120F□-SP



치수도표

모델	M	적용기종
K9IS120F□-SP-C50	195	50Hz
K9IS120F□-SP	175	60Hz

※ 50Hz 제품은 모델명에 C50이 표기됩니다.

SPECIFICATIONS

120W 연속정격, 4극

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)			
K9I□120FJ-SP-C50	단상	100	50	90 ~ 1400	0.83/8,3	0,3/3	0,4/4	3,4	35
K9I□120FJ-SP			60	90 ~ 1700			0,45/4,5		
K9I□120FU-SP		110	60	90 ~ 1700	0.83/8,3	0,3/3	0.45/4,5	3,2	30
		115							
K9I□120FL-SP-C50		200	50	90 ~ 1400	0.83/8,3	0.28/2,8	0,4/4	1,4	8,5
K9I□120FL-SP			60	90 ~ 1700	0,8/8	0,3/3		1,5	8
K9I□120FC-SP-C50		220	50	90 ~ 1400	0.83/8,3	0.28/2,8	0,4/4	1,2	6
		230		90 ~ 1700					
K9I□120FC-SP		220	60	90 ~ 1400	0,8/8	0,3/3	0.45/4,5	1,4	7
		230		90 ~ 1700					
K9I□120FD-SP-C50		240	50	90 ~ 1400	0.83/8,3	0.28/2,8	0,4/4	1,3	6

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9I□120F□-SP K9P□B, BF	1200	2.02 20.2	2.42 24.2	3.36 33.6	4.03 40.3	5.04 50.4	6.05 60.5	6.72 67.2	7.56 75.6	9.08 90.8	10.89 108.9	12.10 121.0	13.61 136.1	16.34 163.4	19.60 196	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200
	90	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	20 200	20 200	20 200	20 200

● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9I□120F□-SP K9P□B, BF	1200	200V/220V/230V/240V/50Hz	2.02 20.2	2.42 24.2	3.36 33.6	4.03 40.3	5.04 50.4	6.05 60.5	6.72 67.2	7.56 75.6	9.08 90.8	10.89 108.9	12.10 121.0	13.61 136.1	16.34 163.4	19.60 196	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200
		200V/220V/230V/60Hz	1.94 19.4	2.33 23.3	3.24 32.4	3.89 38.9	4.86 48.6	5.83 58.3	6.48 64.8	7.29 72.9	8.75 87.5	10.50 105.0	11.66 116.6	13.12 131.2	15.75 157.5	18.90 189.0	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200
	90	200V/220V/230V/240V/50Hz	0.68 6.8	0.82 8.2	1.13 11.3	1.36 13.6	1.70 17.0	2.04 20.4	2.27 22.7	2.55 25.5	3.06 30.6	3.67 36.7	4.08 40.8	4.59 45.9	5.51 55.1	6.61 66.1	7.35 73.5	9.19 91.9	11.02 110.2	12.40 124.0	14.88 148.8	16.53 165.3	19.84 198.4	20 200	20 200
		200V/220V/230V/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	20 200	20 200	20 200

- * 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 20 N·m / 200 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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9□120F□-SP K9P□BU, BUF	1200	2,02 20,2	2,42 24,2	3,36 33,6	4,03 40,3	5,04 50,4	6,05 60,5	6,72 67,2	7,56 75,6	9,08 90,8	10,89 108,9	12,10 121,0	13,61 136,1	16,34 163,4	19,60 196,0	21,78 217,8	27,23 272,3	30 300	30 300	30 300	30 300	30 300	30 300	30 300	30 300
	90	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

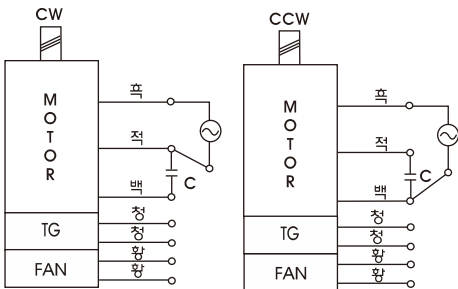
● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9□120F□-SP K9P□BU, BUF	1200	200V/220V/230V 240V/50Hz	2,02 20,2	2,42 24,2	3,36 33,6	4,03 40,3	5,04 50,4	6,05 60,5	6,72 67,2	7,56 75,6	9,08 90,8	10,89 108,9	12,01 120,1	13,61 136,1	16,34 163,4	19,60 196,0	21,78 217,8	27,23 272,3	30 300	30 300	30 300	30 300	30 300	30 300	30 300
		200V/220V 230V/60Hz	1,94 19,4	2,33 23,3	3,24 32,4	3,89 38,9	4,86 48,6	5,83 58,3	6,48 64,8	7,29 72,9	8,75 87,5	10,50 105,0	11,66 116,6	13,12 131,2	15,75 157,5	18,90 189,0	21,00 210,0	26,24 262,4	30 300	30 300	30 300	30 300	30 300	30 300	30 300
	90	200V/220V/230V 240V/50Hz	0,68 6,8	0,82 8,2	1,13 11,3	1,36 13,6	1,70 17,0	2,04 20,4	2,27 22,7	2,55 25,5	3,06 30,6	3,67 36,7	4,08 40,8	4,59 45,9	5,51 55,1	6,61 66,1	7,35 73,5	9,19 91,9	11,02 110,2	12,40 124,0	14,88 148,8	16,53 165,3	19,84 198,4	24,80 248,0	29,76 297,6
		200V/220V 230V/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

- * 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.

CONNECTION DIAGRAMS



※회전방향은 출력축에서 볼 경우

GEARHEAD

DIMENSIONS

K9P□B



K9P□BF, BUF

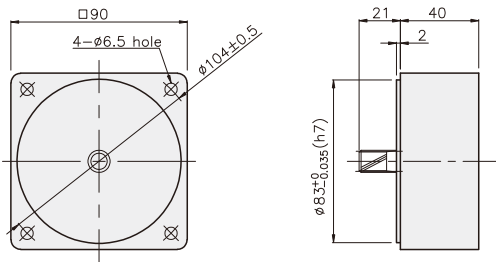


K9P□BU

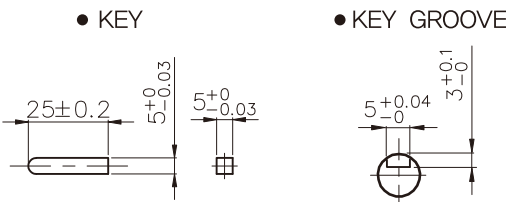


DECIMAL GEARHEAD

K9P10BX

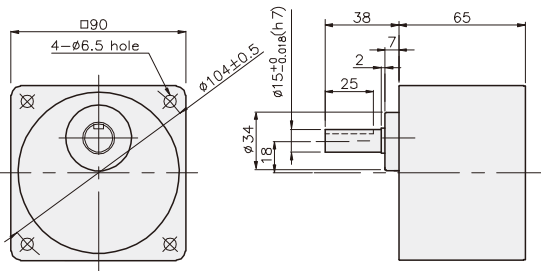


KEY SPEC

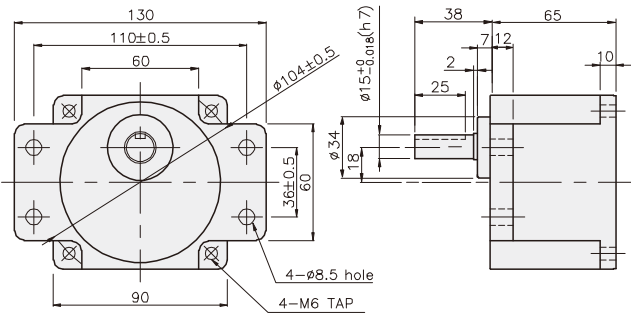


GEARHEAD

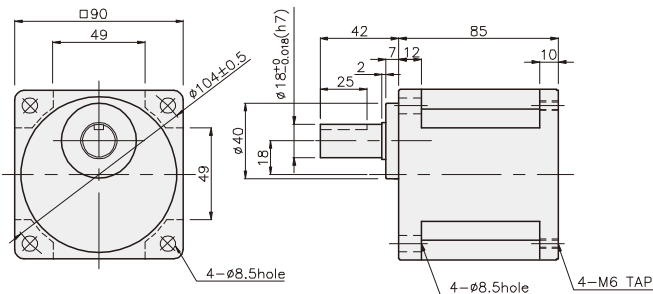
K9P□B



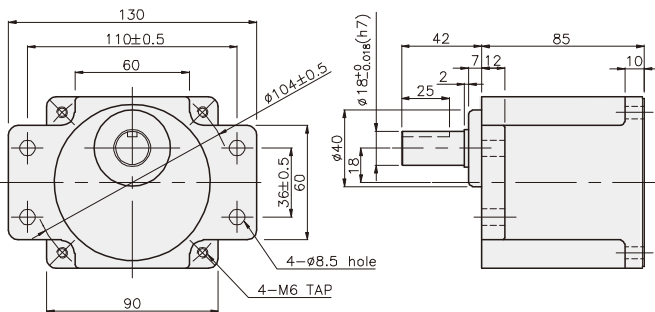
K9P□BF



K9P□BU



K9P□BUF



DIMENSIONS

K9IP120F□-SP + K9P□B



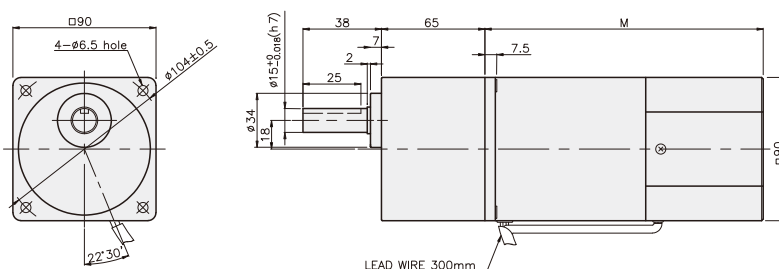
K9IP120F□-SP + K9P□BF, BUF



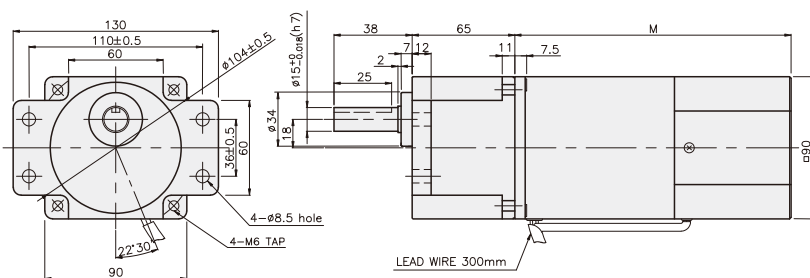
K9IP120F□-SP + K9P□BU



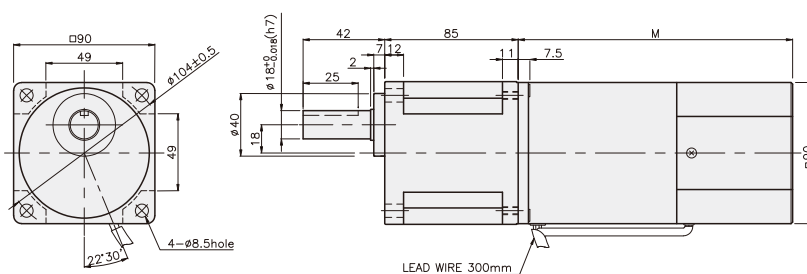
K9IP120F□-SP + K9P□B



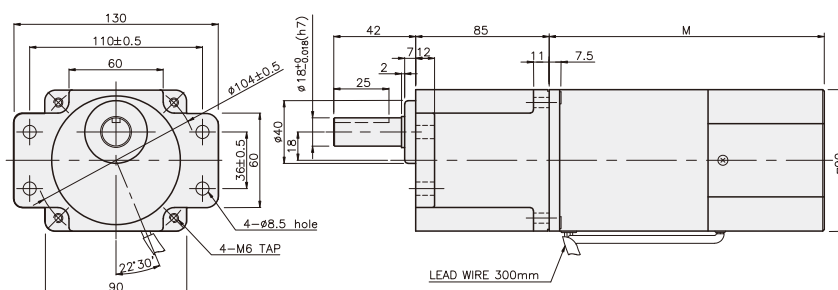
K9IP120F□-SP + K9P□BF



K9IP120F□-SP + K9P□BU



K9IP120F□-SP + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3.54
DECIMAL GEARHEAD	0.62

치수도표

품번	M	적용기종
01	195	50Hz
02	175	60Hz

치수도표

품번	적용기종	취부 BOLT
01	K9P3~200B	M6 P1.0 X 95
02	K9P10BX	M6 P1.0 X 140

무게

PART	WEIGHT(kg)
K9P3~10B	1.22
K9P12.5~20B	1.32
K9P25~60B	1.42
K9P75~200B	1.45

치수도표

품번	적용기종	취부 BOLT
01	K9P3~200BF	M6 P1.0 X 20
02	K9P10BX	M6 P1.0 X 65

무게

PART	WEIGHT(kg)
K9P3~10BF	1.22
K9P12.5~20BF	1.30
K9P25~60BF	1.42
K9P75~200BF	1.44

치수도표

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

무게

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

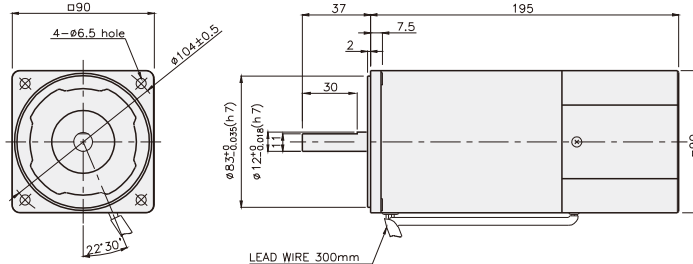
SPEED CONTROL MOTOR – SP SERIES

180W

□90mm

INDUCTION MOTOR

K9IS180F□-SP



SPECIFICATIONS

180W 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)			
K9I□180FJ-SP	100	50	90 ~ 1400	0.9/9	0.35/3.5	0.6/6	5.2	50
		60	90 ~ 1700			0.65/6.5		
K9I□180FU-SP	110	60	90 ~ 1700	0.9/9	0.35/3.5	0.52/5.2	4.8	30
	115					0.55/5.5	5	
K9I□180FL-SP	200	50	90 ~ 1400	0.9/9	0.3/3	0.5/5	2.2	12
		60	90 ~ 1700			0.42/4.2		
K9I□180FC-SP	220	50	90 ~ 1400	0.9/9	0.3/3	0.45/4.5	2.2	7
		60	90 ~ 1700			0.42/4.2	2	
	230	50	90 ~ 1400	1/10	0.33/3.3	0.53/5.3	2.4	
		60	90 ~ 1700			0.5/5	2.2	
K9I□180FD-SP	240	50	90 ~ 1400	1/10	0.33/3.3	0.6/6	2	8

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9I□180F□-SP K9P□BU, BUF	1200	2.19 21.9	2.62 26.2	3.65 36.5	4.37 43.7	5.47 54.7	6.56 65.6	7.29 72.9	8.20 82.0	9.84 98.4	11.81 118.1	13.12 131.2	14.76 147.6	17.71 177.1	21.26 212.6	23.62 236.2	29.52 295.2	30 300	30 300	30 300	30 300	30 300	30 300	30 300	30 300
	90	0.85 8.5	1.02 10.2	1.42 14.2	1.70 17.0	2.13 21.3	2.55 25.5	2.84 28.4	3.19 31.9	3.83 38.3	4.59 45.9	5.10 51.0	5.74 57.4	6.89 68.9	8.27 82.7	9.19 91.9	11.48 114.8	13.78 137.8	15.50 155.0	18.60 186.0	20.67 206.7	24.80 248.0	30 300	30 300	30 300

● 단상 200V/240V

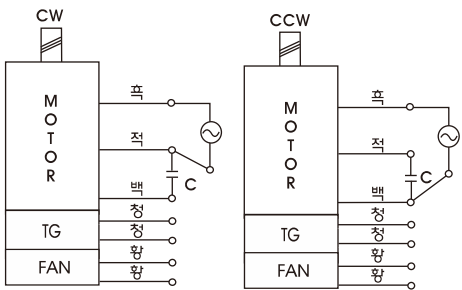
단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9I□180F□-SP K9P□BU, BUF	1200	200V/220V 50Hz/60Hz	2.19 21.9	2.62 26.2	3.65 36.5	4.37 43.7	5.47 54.7	6.56 65.6	7.29 72.9	8.20 82.0	9.84 98.4	11.81 118.1	13.12 131.2	14.76 147.6	17.71 177.1	21.26 212.6	23.62 236.2	29.52 295.2	30 300	30 300	30 300	30 300	30 300	30 300	30 300
		230V/50Hz/60Hz 240V/50Hz	2.43 24.3	2.92 29.2	4.05 40.5	4.86 48.6	6.08 60.8	7.29 72.9	8.10 81.0	9.11 91.1	10.94 109.4	13.12 131.2	14.58 145.8	16.40 164.0	19.68 196.8	23.62 236.2	26.24 262.4	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
		230V/50Hz/60Hz 240V/50Hz	0.80 8.0	0.96 9.6	1.34 13.4	1.60 16.0	2.00 20.0	2.41 24.1	2.41 24.1	3.34 33.4	4.01 40.1	4.81 48.1	5.35 53.5	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

- * 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 볼경우

DIMENSIONS

K9P□BU

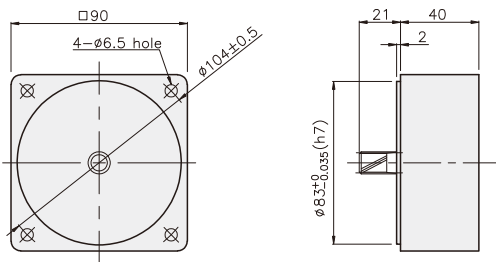


K9P□BUF



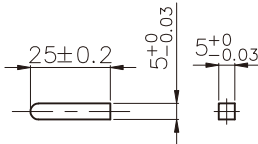
DECIMAL GEARHEAD

K9P10BX

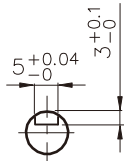


KEY SPEC

● KEY

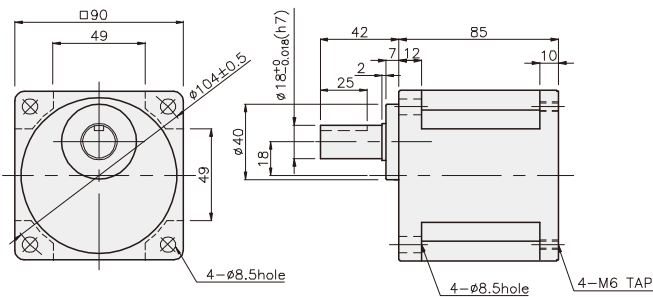


● KEY GROOVE

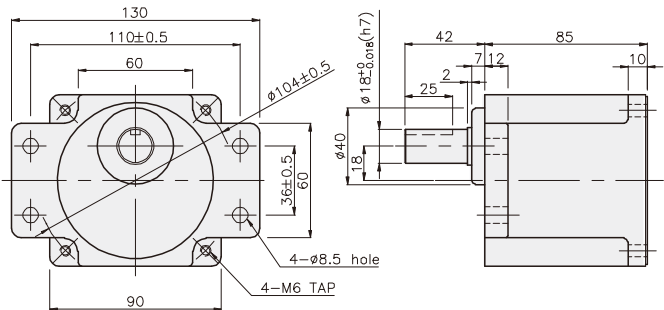


GEARHEAD

K9P□BU



K9P□BUF



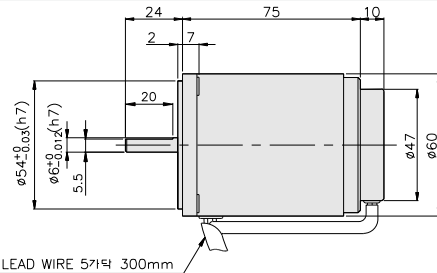
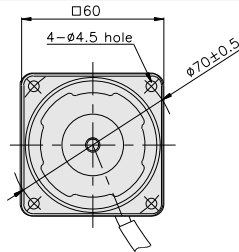
SPEED CONTROL MOTOR – SP SERIES

6W

□60mm

REVERSIBLE MOTOR

K6RS6N□-SP



SPECIFICATIONS

6W 30분 정격, 4극

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)			
K6R□6NJ-SP	단상	100	50	90 ~ 1400	0,052/0,52	0,035/0,35	0,027/0,27	0,28	3
			60	90 ~ 1700				0,26	
K6R□6NU-SP		110	60	90 ~ 1700	0,052/0,52	0,035/0,35	0,035/0,35	0,32	2,5
		115							
K6R□6NL-SP		200	50	90 ~ 1400	0,06/0,6	0,038/0,38	0,037/0,37	0,2	1
			60	90 ~ 1700					
K6R□6NC-SP		220	50	90 ~ 1400	0,052/0,52	0,03/0,3	0,035/0,35	0,2	0,8
			60	90 ~ 1700			0,033/0,33	0,22	
		230	50	90 ~ 1400	0,06/0,6	0,038/0,38	0,035/0,35	0,2	
			60	90 ~ 1700			0,033/0,33	0,22	
K6R□6ND-SP		240	50	90 ~ 1400	0,052/0,52	0,03/0,3	0,035/0,35	0,22	0,6

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																									
K6R□6N□-SP K6G□B(C)	1200	0.13 1.3	0.15 1.5	0.21 2.1	0.25 2.5	0.32 3.2	0.38 3.8	0.42 4.2	0.53 5.3	0.63 6.3	0.76 7.6	0.76 7.6	0.95 9.5	1.14 11.4	1.36 13.6	1.52 15.2	1.71 17.1	2.05 20.5	2.56 25.6	3 30	3 30	3 30	3 30	3 30	3 30	3 30
	90	0.09 0.9	0.10 1.0	0.14 1.4	0.17 1.7	0.21 2.1	0.26 2.6	0.28 2.8	0.35 3.5	0.43 4.3	0.51 5.1	0.51 5.1	0.64 6.4	0.77 7.7	0.92 9.2	1.02 10.2	1.15 11.5	1.38 13.8	1.72 17.2	2.07 20.7	2.30 23.0	2.76 27.6	3 30	3 30	3 30	3 30

● 단상 200V/240V

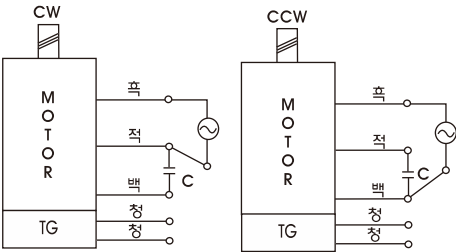
단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																									
K6R□6N□-SP K6G□B(C)	1200	200V/230V 50Hz/60Hz	0.15 1.5	0.17 1.7	0.24 2.4	0.29 2.9	0.36 3.6	0.44 4.4	0.49 4.9	0.61 6.1	0.73 7.3	0.87 8.7	0.87 8.7	1.09 10.9	1.31 13.1	1.57 15.7	1.75 17.5	1.97 19.7	2.36 23.6	2.95 29.5	3 30	3 30	3 30	3 30	3 30	3 30
		220V/50Hz/60Hz 240V/50Hz	0.13 1.3	0.15 1.5	0.21 2.1	0.25 2.5	0.32 3.2	0.38 3.8	0.42 4.2	0.53 5.3	0.63 6.3	0.76 7.6	0.76 7.6	0.95 9.5	1.14 11.4	1.36 13.6	1.52 15.2	1.71 17.1	2.05 20.5	2.56 25.6	3 30	3 30	3 30	3 30	3 30	3 30
	90	200V/230V 50Hz/60Hz	0.09 0.9	0.11 1.1	0.15 1.5	0.18 1.8	0.23 2.3	0.28 2.8	0.31 3.1	0.38 3.8	0.46 4.6	0.55 5.5	0.55 5.5	0.69 6.9	0.83 8.3	1.00 10.0	1.11 11.1	1.25 12.5	1.50 15.0	1.87 18.7	2.24 22.4	2.49 24.9	2.99 29.9	3 30	3 30	3 30
		220V/50Hz/60Hz 240V/50Hz	0.07 0.7	0.09 0.9	0.12 1.2	0.15 1.5	0.18 1.8	0.22 2.2	0.24 2.4	0.30 3.0	0.36 3.6	0.44 4.4	0.44 4.4	0.55 5.5	0.66 6.6	0.79 7.9	0.87 8.7	0.98 9.8	1.18 11.8	1.48 14.8	1.77 17.7	1.97 19.7	2.36 23.6	2.95 29.5	3 30	3 30

- * 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 3 N·m / 30 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

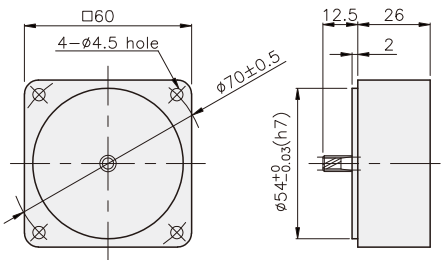
K6G□B(C)



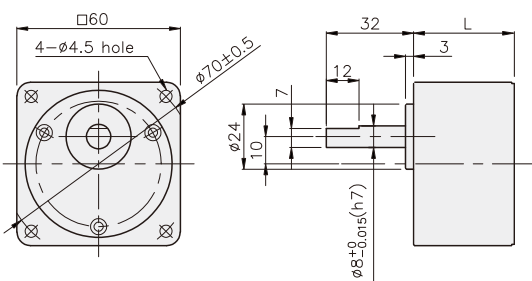
K6RG6N□-SP + K6G□B(C)



DECIMAL GEARHEAD
K6G10BX



GEARHEAD
K6G□B(C)



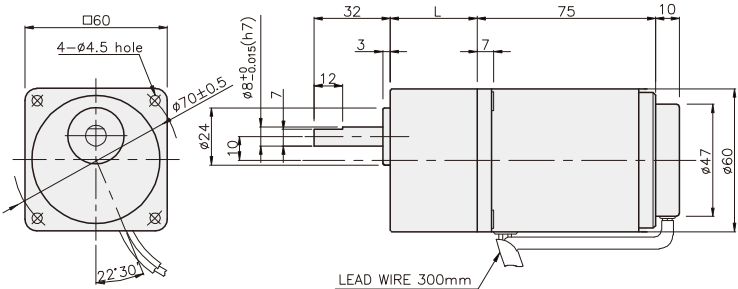
치수도표

품번	L	적용기종	취부 BOLT
01	30	K6G3~18B(C)	M4 P0.7 X 50
02	40	K6G20~250B(C)	M4 P0.7 X 60
03	26	K6G10BX	M4 P0.7 X 85

무게

PART	WEIGHT(kg)
MOTOR	0.79
DECIMAL GEARHEAD	0.22
GEAR HEAD	
K6G3~18B(C)	0.26
K6G20~40B(C)	0.33
K6G50~250B(C)	0.36

K6RG6N□-SP + K6G□B(C)



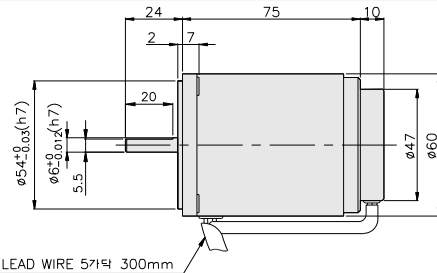
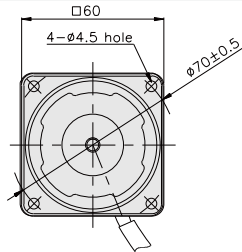
SPEED CONTROL MOTOR – SP SERIES

6W

□60mm

REVERSIBLE MOTOR

K6RS6N□-SP



MOTOR LEAD WIRE 5가닥 300mm

SPECIFICATIONS

6W 30분 정격, 4극

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)			
K6R□6NJ-SP	단상	100	50	90 ~ 1400	0,052/0,52	0,035/0,35	0,027/0,27	0,28	3
			60	90 ~ 1700				0,26	
K6R□6NU-SP		110	60	90 ~ 1700	0,052/0,52	0,035/0,35	0,035/0,35	0,32	2,5
		115							
K6R□6NL-SP		200	50	90 ~ 1400	0,06/0,6	0,038/0,38	0,037/0,37	0,2	1
			60	90 ~ 1700					
K6R□6NC-SP		220	50	90 ~ 1400	0,052/0,52	0,03/0,3	0,035/0,35	0,2	0,8
			60	90 ~ 1700			0,033/0,33	0,22	
		230	50	90 ~ 1400	0,06/0,6	0,038/0,38	0,035/0,35	0,2	
			60	90 ~ 1700			0,033/0,33	0,22	
K6R□6ND-SP		240	50	90 ~ 1400	0,052/0,52	0,03/0,3	0,035/0,35	0,22	0,6

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																									
K6R□6N□-SP K6G□B(C)	1200	0.13 1.3	0.15 1.5	0.21 2.1	0.25 2.5	0.32 3.2	0.38 3.8	0.42 4.2	0.53 5.3	0.63 6.3	0.76 7.6	0.76 7.6	0.95 9.5	1.14 11.4	1.36 13.6	1.52 15.2	1.71 17.1	2.05 20.5	2.56 25.6	3 30	3 30	3 30	3 30	3 30	3 30	3 30
	90	0.09 0.9	0.10 1.0	0.14 1.4	0.17 1.7	0.21 2.1	0.26 2.6	0.28 2.8	0.35 3.5	0.43 4.3	0.51 5.1	0.51 5.1	0.64 6.4	0.77 7.7	0.92 9.2	1.02 10.2	1.15 11.5	1.38 13.8	1.72 17.2	2.07 20.7	2.30 23.0	2.76 27.6	3 30	3 30	3 30	3 30

● 단상 200V/240V

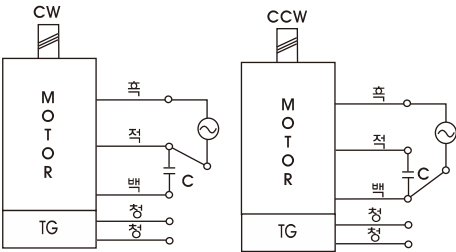
단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																									
K6R□6N□-SP K6G□B(C)	1200	200V/230V 50Hz/60Hz	0.15 1.5	0.17 1.7	0.24 2.4	0.29 2.9	0.36 3.6	0.44 4.4	0.49 4.9	0.61 6.1	0.73 7.3	0.87 8.7	0.87 8.7	1.09 10.9	1.31 13.1	1.57 15.7	1.75 17.5	1.97 19.7	2.36 23.6	2.95 29.5	3 30	3 30	3 30	3 30	3 30	3 30
		220V/50Hz/60Hz 240V/50Hz	0.13 1.3	0.15 1.5	0.21 2.1	0.25 2.5	0.32 3.2	0.38 3.8	0.42 4.2	0.53 5.3	0.63 6.3	0.76 7.6	0.76 7.6	0.95 9.5	1.14 11.4	1.36 13.6	1.52 15.2	1.71 17.1	2.05 20.5	2.56 25.6	3 30	3 30	3 30	3 30	3 30	3 30
	90	200V/230V 50Hz/60Hz	0.09 0.9	0.11 1.1	0.15 1.5	0.18 1.8	0.23 2.3	0.28 2.8	0.31 3.1	0.38 3.8	0.46 4.6	0.55 5.5	0.55 5.5	0.69 6.9	0.83 8.3	1.00 10.0	1.11 11.1	1.25 12.5	1.50 15.0	1.87 18.7	2.24 22.4	2.49 24.9	2.99 29.9	3 30	3 30	3 30
		220V/50Hz/60Hz 240V/50Hz	0.07 0.7	0.09 0.9	0.12 1.2	0.15 1.5	0.18 1.8	0.22 2.2	0.24 2.4	0.30 3.0	0.36 3.6	0.44 4.4	0.44 4.4	0.55 5.5	0.66 6.6	0.79 7.9	0.87 8.7	0.98 9.8	1.18 11.8	1.48 14.8	1.77 17.7	1.97 19.7	2.36 23.6	2.95 29.5	3 30	3 30

- * 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 3 N·m / 30 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

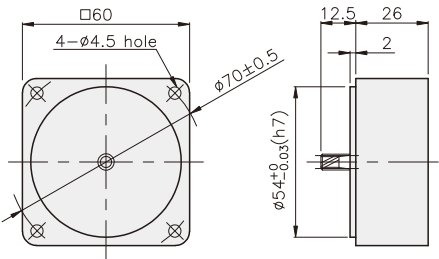
K6G□B(C)



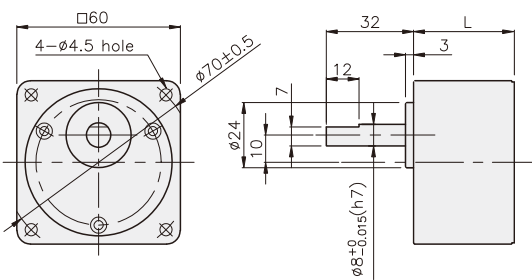
K6RG6N□-SP + K6G□B(C)



DECIMAL GEARHEAD
K6G10BX



GEARHEAD
K6G□B(C)



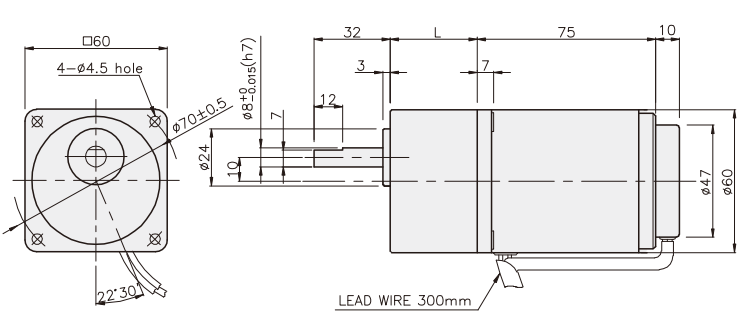
치수도표

품번	L	적용기종	취부 BOLT
01	30	K6G3~18B(C)	M4 P0.7 X 50
02	40	K6G20~250B(C)	M4 P0.7 X 60
03	26	K6G10BX	M4 P0.7 X 85

무게

PART	WEIGHT(kg)
MOTOR	0.79
DECIMAL GEARHEAD	0.22
GEAR HEAD	
K6G3~18B(C)	0.26
K6G20~40B(C)	0.33
K6G50~250B(C)	0.36

K6RG6N□-SP + K6G□B(C)



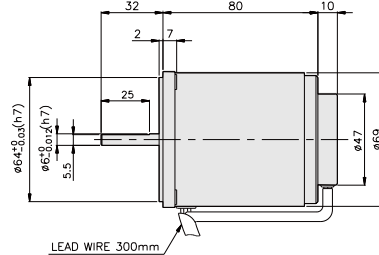
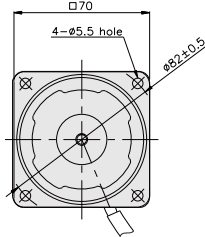
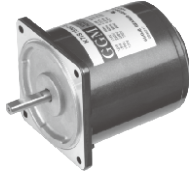
SPEED CONTROL MOTOR – SP SERIES

15W

□70mm

REVERSIBLE MOTOR

K7RS15N□-SP



SPECIFICATIONS

15W 30분 정격, 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)			
K7R□15NJ-SP	100	50	90 ~ 1400	0.14/1.4	0.05/0.5	0.085/0.85	0.56	7
		60	90 ~ 1700				0.58	
K7R□15NU-SP	110	60	90 ~ 1700	0.14/1.4	0.05/0.5	0.085/0.85	0.58	6
	115						0.58	
K7R□15NL-SP	200	50	90 ~ 1400	0.135/1.35	0.055/0.55	0.09/0.9	0.31	2
		60	90 ~ 1700	0.115/1.15			0.33	
K7R□15NC-SP	220	50	90 ~ 1400	0.135/1.35	0.05/0.5	0.08/0.8	0.3	1.5
		60	90 ~ 1700	0.115/1.15			0.33	
	230	50	90 ~ 1400	0.135/1.35	0.055/0.55	0.085/0.85	0.3	
		60	90 ~ 1700	0.115/1.15			0.33	
K7R□15ND-SP	240	50	90 ~ 1400	0.135/1.35	0.05/0.5	0.09/0.9	0.34	1.5

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K7R□15N□-SP K7G□B(C)	1200	0.34 3.4	0.41 4.1	0.57 5.7	0.68 6.8	0.85 8.5	1.02 10.2	1.13 11.3	1.42 14.2	1.70 17.0	2.04 20.4	2.04 20.4	2.55 25.5	3.06 30.6	3.67 36.7	4.08 40.8	4.59 45.9	5 50	5 50	5 50	5 50	5 50	5 50	5 50	5 50
	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 50	5 50

● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K7R□15N□-SP K7G□B(C)	1200	200V/220V/230V 240V/50Hz	0.33 3.3	0.39 3.9	0.55 5.5	0.66 6.6	0.82 8.2	0.98 9.8	1.09 10.9	1.37 13.7	1.64 16.4	1.97 19.7	2.46 24.6	2.95 29.5	3.54 35.4	3.94 39.4	4.43 44.3	5 50	5 50	5 50	5 50	5 50	5 50	5 50	5 50
		200V/220V 230V/60Hz	0.28 2.8	0.34 3.4	0.47 4.7	0.56 5.6	0.70 7.0	0.84 8.4	0.93 9.3	1.16 11.6	1.40 14.0	1.68 16.8	2.10 21.0	2.52 25.2	3.02 30.2	3.35 33.5	3.77 37.7	4.53 45.3	5 50	5 50	5 50	5 50	5 50	5 50	5 50
	90	220V/230V 50Hz/60Hz	0.13 1.3	0.16 1.6	0.22 2.2	0.27 2.7	0.33 3.3	0.40 4.0	0.45 4.5	0.56 5.6	0.67 6.7	0.80 8.0	0.80 8.0	1.00 10.0	1.20 12.0	1.44 14.4	1.60 16.0	1.80 18.0	2.17 21.7	2.71 27.1	3.25 32.5	3.61 36.1	4.33 43.3	5 50	5 50
		220V/50Hz/60Hz 240V/50Hz	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 50

* GEARHEAD-DECIMAL GEARHEAD는 별매입니다.

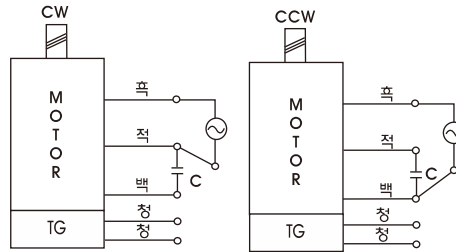
* GEARHEAD의 품명중 □에는 감속비가 들어갑니다.

* 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 5 N·m / 50 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.

CONNECTION DIAGRAMS



※ 회전방향은 출력축에서 볼 경우

DIMENSIONS

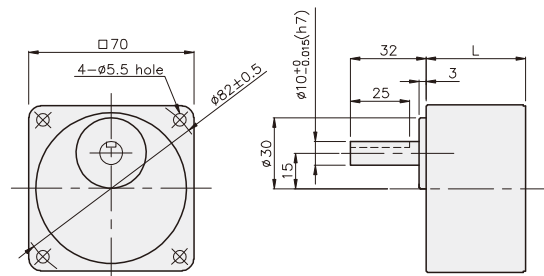
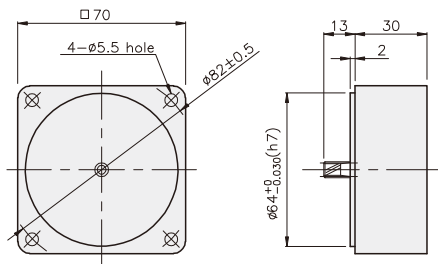
K7G□B(C)

K7RG15N□-SP + K7G□B(C)



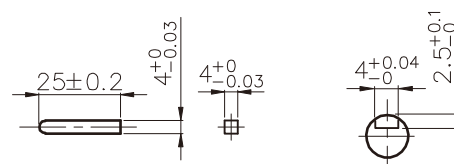
DECIMAL GEARHEAD
K7G10BX

GEARHEAD
K7G□B(C)



KEY SPEC

- KEY
- KEY GROOVE



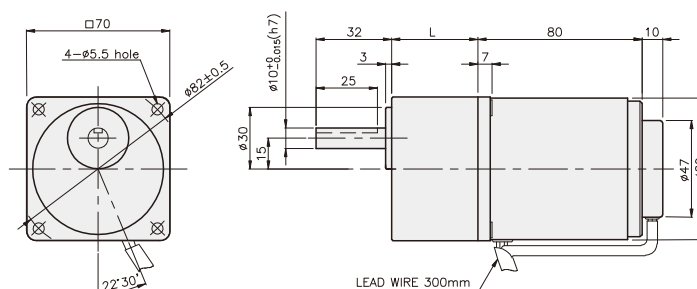
치수도표

품번	L	적용기종	취부 BOLT
01	32	K7G3~18B(C)	M5 P0.8 X 50
02	42	K7G20~200B(C)	M5 P0.8 X 65
03	30	K7G10BX	M5 P0.8 X 90

무게

PART		WEIGHT(kg)
MOTOR		1,16
DECIMAL GEARHEAD		0,32
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G50~200B(C)	0,51

K7RG15N□-SP + K7G□B(C)



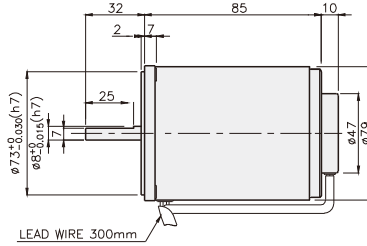
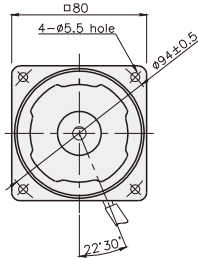
SPEED CONTROL MOTOR - SP SERIES

25W

□80mm

REVERSIBLE MOTOR

K8IS25N□-SP



SPECIFICATIONS

25W 30분 정격, 4극

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)			
K8R□25NJ-SP	단상	100	50	90 ~ 1400	0.22/2.2	0.06/0.6	0.105/1.05	0.85	10
			60	90 ~ 1700				0.9	
K8R□25NU-SP		110	60	90 ~ 1700	0.22/2.2	0.06/0.6	0.1/1	0.7	6
		115						0.75	
K8R□25NL-SP		200	50	90 ~ 1400	0.21/2.1	0.055/0.55	0.11,1.1	0.4	2.5
			60	90 ~ 1700	0.16/1.6	0.048/0.48		0.43	
K8R□25NC-SP		220	50	90 ~ 1400	0.21/2.1	0.055/0.55	0.09/0.9	0.4	2
			60	90 ~ 1700	0.16/1.6	0.048/0.48			
		230	50	90 ~ 1400	0.21/2.1	0.055/0.55	0.1/1		
			60	90 ~ 1700	0.16/1.6	0.048/0.48			
K8R□25ND-SP		240	50	90 ~ 1400	0.21,2.1	0.055/0.55	0.09/0.9	0.43	1.5

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																									
K8R□25N□-SP K8G□B(C)	1200	0.53 5.3	0.64 6.4	0.89 8.9	1.07 10.7	1.34 13.4	1.60 16.0	1.78 17.8	2.23 22.3	2.67 26.7	3.21 32.1	3.21 32.1	4.01 40.1	4.81 48.1	5.77 57.7	6.42 64.2	7.22 72.2	8 80	8 80	8 80	8 80	8 80	8 80	8 80	8 80	8 80
	90	0.15 1.5	0.17 1.7	0.24 2.4	0.29 2.9	0.36 3.6	0.44 4.4	0.49 4.9	0.61 6.1	0.73 7.3	0.87 8.7	0.87 8.7	1.09 10.9	1.31 13.1	1.57 15.7	1.75 17.5	1.97 19.7	2.36 23.6	2.95 29.5	3.54 35.4	3.94 39.4	4.72 47.2	5.90 59.0	7.09 70.9	8 80	8 80

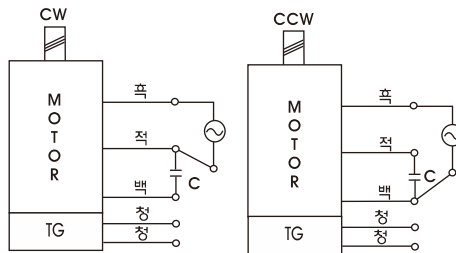
● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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	
Motor/Gearhead	Speed(rpm)																										
K8R□25N□-SP K8G□B(C)	1200	200V/220V/230V 240V/50Hz	0.51 5.1	0.61 6.1	0.85 8.5	1.02 10.2	1.28 12.8	1.53 15.3	1.70 17.0	2.13 21.3	2.55 25.5	3.06 30.6	3.06 30.6	3.83 38.3	4.59 45.9	5.51 55.1	6.12 61.2	6.89 68.9	8 80	8 80	8 80	8 80	8 80	8 80	8 80	8 80	
		200V/220V/230V/60Hz	0.39 3.9	0.47 4.7	0.65 6.5	0.78 7.8	0.97 9.7	1.17 11.7	1.30 13.0	1.62 16.2	1.94 19.4	2.33 23.3	2.33 23.3	2.92 29.2	3.50 35.0	4.20 42.0	4.67 46.7	5.25 52.5	6.30 63.0	7.87 78.7	8 80	8 80	8 80	8 80	8 80	8 80	8 80
	90	200V/220V/230V/240V/50Hz	0.13 1.3	0.16 1.6	0.22 2.2	0.27 2.7	0.33 3.3	0.40 4.0	0.45 4.5	0.56 5.6	0.67 6.7	0.80 8.0	0.80 8.0	1.00 10.0	1.20 12.0	1.44 14.4	1.60 16.0	1.80 18.0	2.17 21.7	2.71 27.1	3.25 32.5	3.61 36.1	4.33 43.3	5.41 54.1	6.50 65.0	7.22 72.2	8 80
		200V/220V/230V/60Hz	0.12 1.2	0.14 1.4	0.19 1.9	0.23 2.3	0.29 2.9	0.35 3.5	0.39 3.9	0.49 4.9	0.58 5.8	0.70 7.0	0.70 7.0	0.87 8.7	1.05 10.5	1.26 12.6	1.40 14.0	1.57 15.7	1.89 18.9	2.36 23.6	2.83 28.3	3.15 31.5	3.78 37.8	4.72 47.2	5.67 56.7	6.30 63.0	7.87 78.7

- * 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. 단, 1/20 ~ 1/40의 GEARHEAD를 설치한 경우는 6 N·m / 6 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.

CONNECTION DIAGRAMS

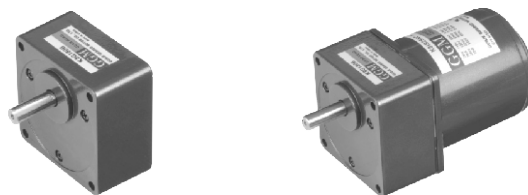


※ 회전방향은 출력축에서 볼 경우

DIMENSIONS

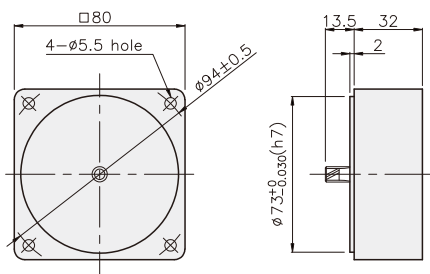
K8G□B(C)

K8RG25N□-SP + K8G□B(C)



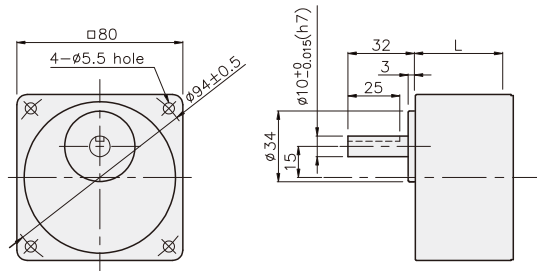
DECIMAL GEARHEAD

K8G10BX



GEARHEAD

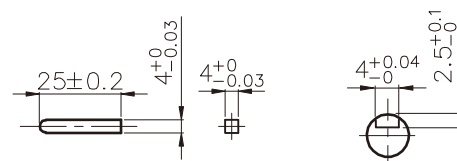
K8G□B(C)



KEY SPEC

● KEY

● KEY GROOVE



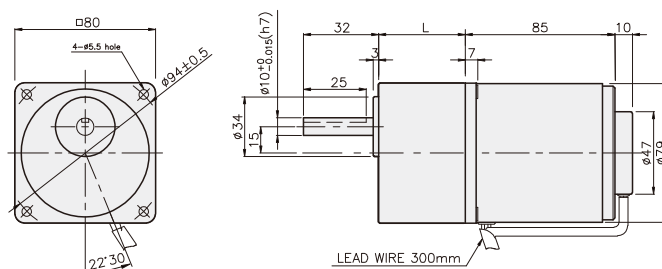
치수도표

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

K8RG25N□-SP + K8G□B(C)



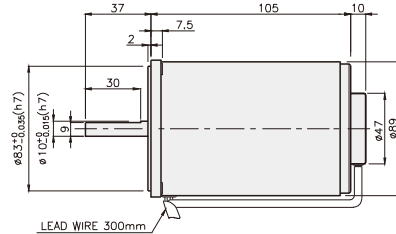
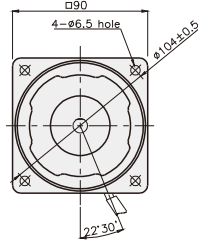
SPEED CONTROL MOTOR - SP SERIES

40W

□90mm

REVERSIBLE MOTOR

K9RS40N□-SP



SPECIFICATIONS

40W 30분 정격, 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)			
K9R□40NJ-SP	100	50	90 ~ 1400	0.3/3	0.075/0.75	0.17/1.7	1.5	16
		60	90 ~ 1700			0.18/1.8	1.6	
K9R□40NU-SP	110	60	90 ~ 1700	0.3/3	0.070/75	0.14/1.4	1.5	10
	115						1.3	
K9R□40NL-SP	200	50	90 ~ 1400	0.33/3.3	0.07/0.7	0.17/1.7	0.65	4
		60	90 ~ 1700	0.26/2.6			0.72	
K9R□40NC-SP	220	50	90 ~ 1400	0.33/3.3	0.07/0.7	0.17/1.7	0.6	3.5
		60	90 ~ 1700	0.26/2.6		0.16/1.6	0.64	
	230	50	90 ~ 1400	0.33/3.3		0.17/1.7	0.6	
		60	90 ~ 1700	0.26/2.6		0.16/1.6	0.64	
K9R□40ND-SP	240	50	90 ~ 1400	0.33/3.3	0.07/0.7	0.16/1.6	0.63	3

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9R□40N□-SP K9G□B(C)	1200	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	3.04 30.4	3.65 36.5	4.37 43.7	4.37 43.7	5.47 54.7	6.56 65.6	7.87 78.7	8.75 87.5	9.84 98.4	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100
	90	0.18 1.8	0.22 2.2	0.30 3.0	0.36 3.6	0.46 4.6	0.55 5.5	0.61 6.1	0.76 7.6	0.91 9.1	1.09 10.9	1.09 10.9	1.37 13.7	1.64 16.4	1.97 19.7	2.19 21.9	2.46 24.6	2.95 29.5	3.69 36.9	4.43 44.3	4.92 49.2	5.90 59.0	7.38 73.8	8.86 88.6	10 100

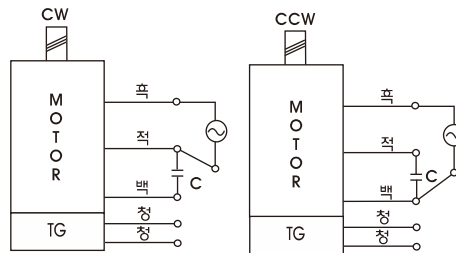
● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9R□40N□-SP K9G□B(C)	200V/220V/230V/240V/50Hz	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	3.34 33.4	4.01 40.1	4.81 48.1	4.81 48.1	6.01 60.1	7.22 72.2	8.66 86.6	9.62 96.2	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100
	200V/220V/230V/60Hz	0.63 6.3	0.76 7.6	1.05 10.5	1.26 12.6	1.58 15.8	1.90 19.0	2.11 21.1	2.63 26.3	3.16 31.6	3.79 37.9	3.79 37.9	4.74 47.4	5.69 56.9	6.82 68.2	7.58 75.8	8.53 85.3	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100
	90	0.17 1.7	0.20 2.0	0.28 2.8	0.34 3.4	0.43 4.3	0.51 5.1	0.57 5.7	0.71 7.1	0.85 8.5	1.02 10.2	1.02 10.2	1.28 12.8	1.53 15.3	1.84 18.4	2.04 20.4	2.30 23.0	2.76 27.6	3.44 34.4	4.13 41.3	4.59 45.9	5.51 55.1	6.89 68.9	8.27 82.7	9.19 91.9

- * 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 10 N·m / 100 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.

CONNECTION DIAGRAMS



※ 회전방향은 출력축에서 볼 경우

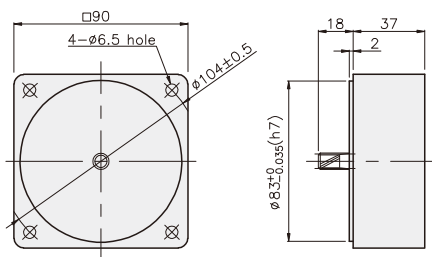
DIMENSIONS

K9G□B(C)

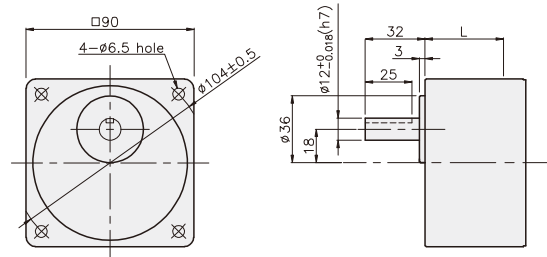
K9RG40N□-SP + K9G□B(C)



DECIMAL GEARHEAD
K9G10BX



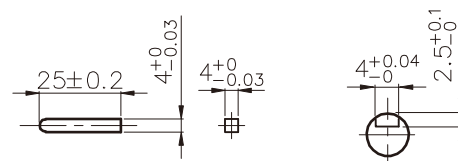
GEARHEAD
K9G□B(C)



KEY SPEC

● KEY

● KEY GROOVE



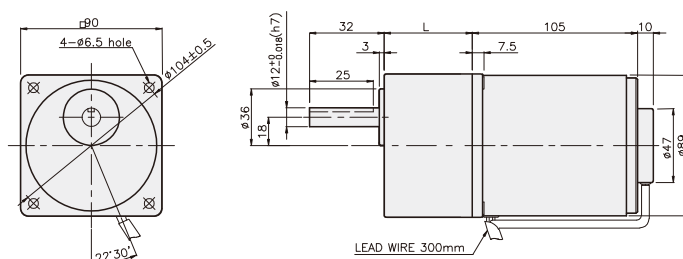
치수도표

품번	L	적용기종	취부 BOLT
01	42	K9G3~18B(C)	M6 P1.0 X 65
02	60	K9G20~200B(C)	M6 P1.0 X 80
03	37	K9G10BX	M6 P1.0 X 120

무게

PART		WEIGHT(kg)
MOTOR		2,48
DECIMAL GEARHEAD		0,60
GEAR HEAD	K9G3~18B(C)	0,78
	K9G20~40B(C)	1,04
	K9G50~200B(C)	1,14

K9RG40N□-SP + K9G□B(C)

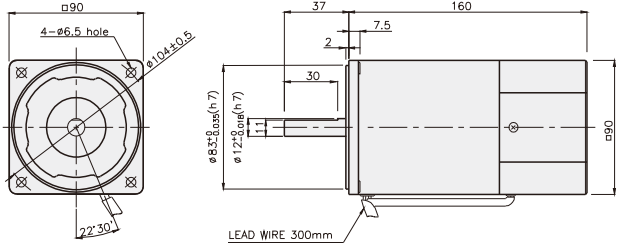


SPEED CONTROL MOTOR – SP SERIES

60W

□90mm REVERSIBLE MOTOR

K9RS60F□-SP



SPECIFICATIONS

60W 30분 정격, 4극

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)			
K9R□60FJ-SP		100	50	90 ~ 1400	0.5/5	0.17/1.7	0.3/3	2.5	25
			60	90 ~ 1700				2.7	
K9R□60FU-SP		110	60	90 ~ 1700	0.5/5	0.17/1.7	0.295/2.95	2.1	17
		115						2.2	
K9R□60FL-SP	단상	200	50	90 ~ 1400	0.5/5	0.15/1.5	0.26/2.6	0.72	6
			60	90 ~ 1700	0.48/4.8	0.17/1.7	0.23/2.3	0.76	
K9R□60FC-SP		220	50	90 ~ 1400	0.5/5	0.15/1.5	0.3/3	0.95	5
			60	90 ~ 1700	0.48/4.8	0.17/1.7	0.26/2.6	0.94	
		230	50	90 ~ 1400	0.5/5	0.15/1.5	0.3/3	1	
			60	90 ~ 1700	0.48/4.8	0.17/1.7	0.26/2.6	1.2	
K9R□60FD-SP		240	50	90 ~ 1400	0.5/5	0.15/1.5	0.32/3.2	1.2	5

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9R□60F□-SP K9P□B, BF	1200	1.22 12.2	1.46 14.6	2.03 20.3	2.43 24.3	3.04 30.4	3.65 36.5	4.05 40.5	4.56 45.6	5.47 54.7	6.56 65.6	7.29 72.9	8.20 82.0	9.84 98.4	11.81 118.1	13.12 131.2	16.40 164.0	19.68 196.8	20 200	20 200	20 200	20 200	20 200	20 200	20 200
	90	0.41 4.1	0.50 5.0	0.69 6.9	0.83 8.3	1.03 10.3	1.24 12.4	1.38 13.8	1.55 15.5	1.86 18.6	2.23 22.3	2.48 24.8	2.79 27.9	3.35 33.5	4.02 40.2	4.46 44.6	5.58 55.8	6.69 66.9	7.53 75.3	9.03 90.3	10.04 100.4	12.05 120.5	15.06 150.6	18.07 180.7	20 200

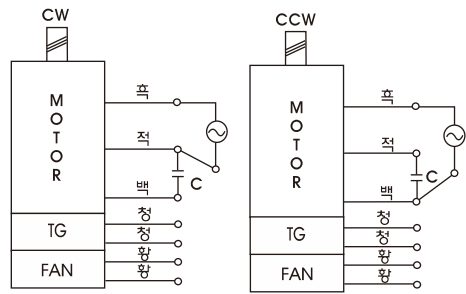
● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9R□60F□-SP K9P□B, BF	1200	200V/220V/230V 240V/50Hz	1.22 12.2	1.46 14.6	2.03 20.3	2.43 24.3	3.04 30.4	3.65 36.5	4.05 40.5	4.56 45.6	5.47 54.7	6.56 65.6	7.29 72.9	8.20 82.0	9.84 98.4	11.81 118.1	13.12 131.2	16.40 164.0	19.68 196.8	20 200	20 200	20 200	20 200	20 200	20 200
		200V/220V 230V/60Hz	1.17 11.7	1.40 14.0	1.94 19.4	2.33 23.3	2.92 29.2	3.50 35.0	3.89 38.9	4.37 43.7	5.25 52.5	6.30 63.0	7.00 70.0	7.87 78.7	9.45 94.5	11.34 113.4	12.60 126.0	15.75 157.5	18.90 189.0	20 200	20 200	20 200	20 200	20 200	20 200
	90	200V/220V/230V 240V/50Hz	0.36 3.6	0.44 4.4	0.61 6.1	0.73 7.3	0.91 9.1	1.09 10.9	1.22 12.2	1.37 13.7	1.64 16.4	1.97 19.7	2.19 21.9	2.46 24.6	2.95 29.5	3.54 35.4	3.94 39.4	4.92 49.2	5.90 59.0	6.64 66.4	7.97 79.7	8.86 88.6	10.63 106.3	13.29 132.9	15.94 159.4
		200V/220V 230V/60Hz	0.41 4.1	0.50 5.0	0.69 6.9	0.83 8.3	1.03 10.3	1.24 12.4	1.38 13.8	1.55 15.5	1.86 18.6	2.23 22.3	2.48 24.8	2.79 27.9	3.35 33.5	4.02 40.2	4.46 44.6	5.58 55.8	6.69 66.9	7.53 75.3	9.03 90.3	10.04 100.4	12.05 120.5	15.06 150.6	18.07 180.7

- * 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 20 N·m / 200 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.

CONNECTION DIAGRAMS



※ 회전방향은 출력축에서 볼경우

DIMENSIONS

K9P□B



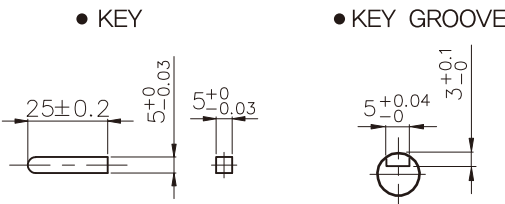
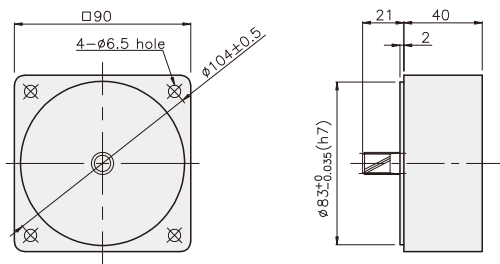
K9P□BF



DECIMAL GEARHEAD

K9P10BX

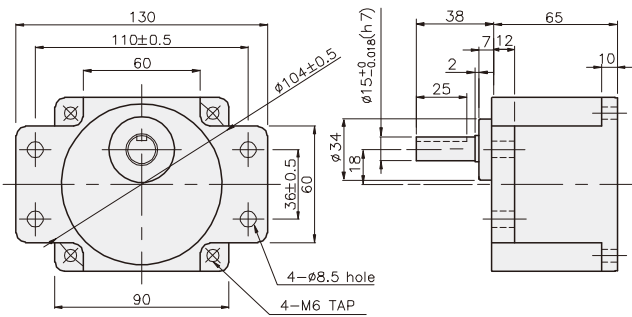
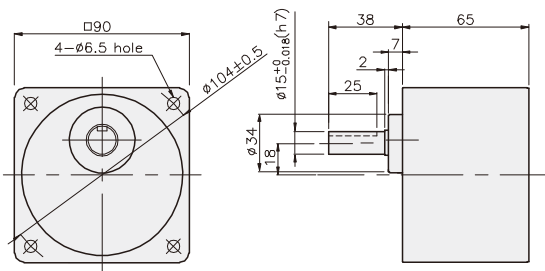
KEY SPEC



GEARHEAD

K9P□B

K9P□BF

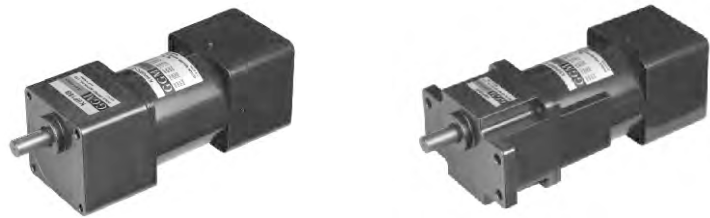


GEARHEAD

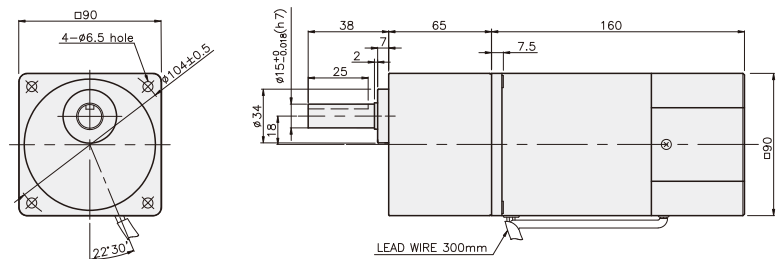
DIMENSIONS

K9RP60F□-SP + K9P□B

K9RP60F□-SP + K9P□BF



K9RP60F□-SP + K9P□B



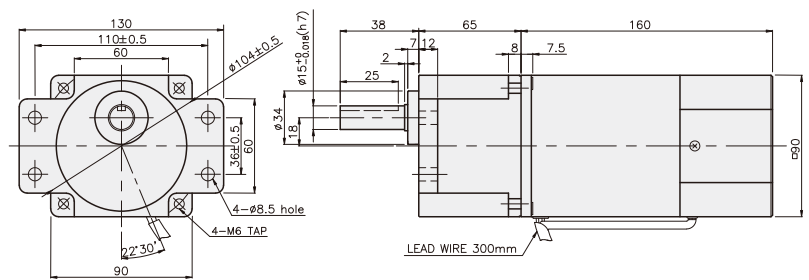
치수도표

품번	적용기종	취부 BOLT
01	K9P3~200B	M6 P1,0 X 95
02	K9P10BX	M6 P1,0 X 140

무게

PART		WEIGHT(kg)
MOTOR		3,06
DECIMAL GEARHEAD		0,62
GEAR HEAD	K9P3~10B	1,22
	K9P12.5~20B	1,32
	K9P25~60B	1,42
	K9P75~200B	1,45

K9RP60F□-SP + K9P□BF



치수도표

품번	적용기종	취부 BOLT
01	K9P3~200BF	M6 P1,0 X 20
02	K9P10BX	M6 P1,0 X 65

무게

PART		WEIGHT(kg)
MOTOR		3,06
DECIMAL GEARHEAD		0,62
GEAR HEAD	K9P3~10BF	1,22
	K9P12.5~20BF	1,32
	K9P25~60BF	1,42
	K9P75~200BF	1,45

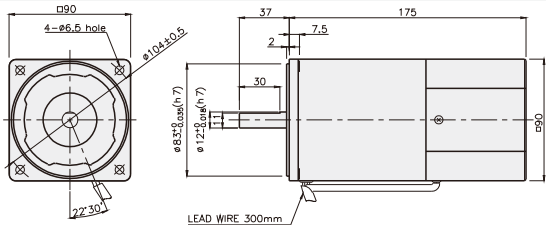
SPEED CONTROL MOTOR – SP SERIES

90W

□90mm

REVERSIBLE MOTOR

K9RS90F□-SP



SPECIFICATIONS

90W 30분 정격, 4극

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)			
K9R□90FJ-SP	단상	100	50	90 ~ 1400	0.75/7.5	0.25/2.5	0.4/4	3.6	35
			60	90 ~ 1700				3.4	
K9R□90FU-SP		110	60	90 ~ 1700	0.75/7.5	0.25/2.5	0.38/3.8	3	25
		115						3.2	
K9R□90FL-SP		200	50	90 ~ 1400	0.75/7.5	0.25/2.5	0.4/4	1.4	8
			60	90 ~ 1700		0.28/2.8		1.5	
K9R□90FC-SP		220	50	90 ~ 1400	0.75/7.5	0.25/2.5	0.4/4	1.2	7
			60	90 ~ 1700		0.28/2.8		1.4	
		230	50	90 ~ 1400		0.25/2.5	0.43/4.3	1.2	
			60	90 ~ 1700		0.28/2.8		1.4	
K9R□90FD-SP		240	50	90 ~ 1400	0.75/7.5	0.25/2.5	0.4/4	1.3	6

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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9R□90F□-SP K9P□B, BF	1200	1.82 18.2	2.19 21.9	3.04 30.4	3.65 36.5	4.56 45.6	5.47 54.7	6.08 60.8	6.83 68.3	8.20 82.0	9.84 98.4	10.94 109.4	12.30 123.0	14.76 147.6	17.71 177.1	19.68 196.8	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200
	90	0.61 6.1	0.73 7.3	1.01 10.1	1.22 12.2	1.52 15.2	1.82 18.2	2.03 20.3	2.28 22.8	2.73 27.3	3.28 32.8	3.65 36.5	4.10 41.0	4.92 49.2	5.90 59.0	6.56 65.6	8.20 82.0	9.84 98.4	11.07 110.7	13.29 132.9	14.76 147.6	17.71 177.1	20 200	20 200	20 200

● 단상 200V/240V

단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9R□90F□-SP K9P□B, BF	1200	1.82 18.2	2.19 21.9	3.04 30.4	3.65 36.5	4.56 45.6	5.47 54.7	6.08 60.8	6.83 68.3	8.20 82.0	9.84 98.4	10.94 109.4	12.30 123.0	14.76 147.6	17.71 177.1	19.68 196.8	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200	20 200
	90	200V/220V/230V 240V/50Hz	0.61 6.1	0.73 7.3	1.01 10.1	1.22 12.2	1.52 15.2	1.82 18.2	2.03 20.3	2.28 22.8	2.73 27.3	3.28 32.8	3.65 36.5	4.10 41.0	4.92 49.2	5.90 59.0	6.56 65.6	8.20 82.0	9.84 98.4	11.07 110.7	13.29 132.9	14.76 147.6	17.71 177.1	20 200	20 200
		200V/220V 230V/60Hz	0.68 6.8	0.82 8.2	1.13 11.3	1.36 13.6	1.70 17.0	2.04 20.4	2.27 22.7	2.55 25.5	3.06 30.6	3.67 36.7	4.08 40.8	4.59 45.9	5.51 55.1	6.61 66.1	7.35 73.5	9.19 91.9	11.02 110.2	12.40 124.0	14.88 148.8	16.53 165.3	19.84 198.4	20 200	20 200

- * 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 20 N·m / 200 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

RATED TORQUE OF GEARHEAD

● 단상 100V/115V 단위 = 상단 : N·m / 하단 : kgf·cm

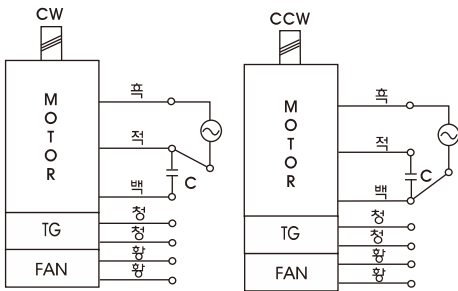
Model	Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
Motor/Gearhead	Speed(rpm)																								
K9R□90F□-SP K9P□BU, BUF	1200	182 18.2	219 21.9	304 30.4	365 36.5	456 45.6	547 54.7	608 60.8	683 68.3	820 82.0	984 98.4	1094 109.4	1230 123.0	1476 147.6	1771 177.1	1968 196.8	2460 246	2952 295.2	3000 300	3000 300	3000 300	3000 300	3000 300	3000 300	3000 300
	90	0.61 6.1	0.73 7.3	1.01 10.1	1.22 12.2	1.52 15.2	1.82 18.2	2.03 20.3	2.28 22.8	2.73 27.3	3.28 32.8	3.65 36.5	4.10 41.0	4.92 49.2	5.90 59.0	6.56 65.6	8.20 82.0	9.84 98.4	11.07 110.7	13.29 132.9	14.76 147.6	17.71 177.1	22.14 221.4	26.57 265.7	29.52 295.2

● 단상 200V/240V 단위 = 상단 : N·m / 하단 : kgf·cm

Model	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
Motor/Gearhead	Speed(rpm)																								
K9R□90F□-SP K9P□BU, BUF	1200	182 18.2	219 21.9	304 30.4	365 36.5	456 45.6	547 54.7	608 60.8	683 68.3	820 82.0	984 98.4	1094 109.4	1230 123.0	1476 147.6	1771 177.1	1968 196.8	2460 246	2952 295.2	3000 300	3000 300	3000 300	3000 300	3000 300	3000 300	3000 300
	90	200V/220V/230V 240V/50Hz	0.61 6.1	0.73 7.3	1.01 10.1	1.22 12.2	1.52 15.2	1.82 18.2	2.03 20.3	2.28 22.8	2.73 27.3	3.28 32.8	3.65 36.5	4.10 41.0	4.92 49.2	5.90 59.0	6.56 65.6	8.20 82.0	9.84 98.4	11.07 110.7	13.29 132.9	14.76 147.6	17.71 177.1	22.14 221.4	26.57 265.7
		200V/220V 230V/60Hz	0.68 6.8	0.82 8.2	1.13 11.3	1.36 13.6	1.70 17.0	2.04 20.4	2.27 22.7	2.55 25.5	3.06 30.6	3.67 36.7	4.08 40.8	4.59 45.9	5.51 55.1	6.61 66.1	7.35 73.5	9.19 91.9	11.02 110.2	12.40 124.0	14.88 148.8	16.53 165.3	19.84 198.4	24.80 248.0	29.76 297.6

- * 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.

CONNECTION DIAGRAMS



※ 회전방향은 출력축에서 볼경우

GEARHEAD

DIMENSIONS

K9P□B



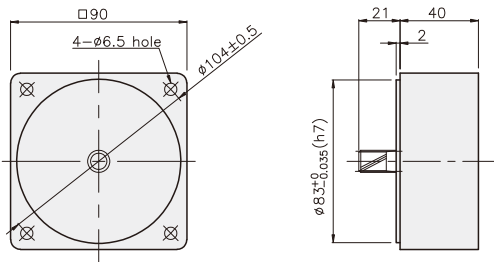
K9P□BF, BUF



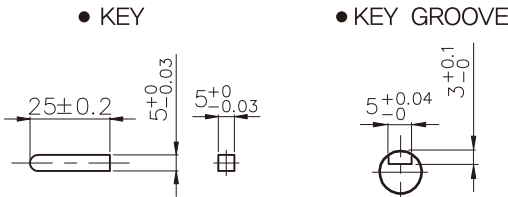
K9P□BU



DECIMAL GEARHEAD
K9P10BX

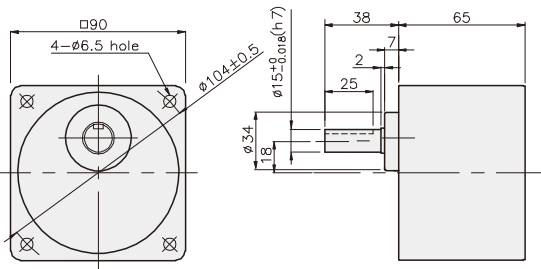


KEY SPEC

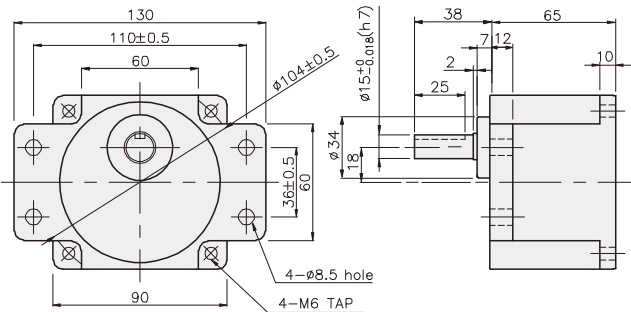


GEARHEAD

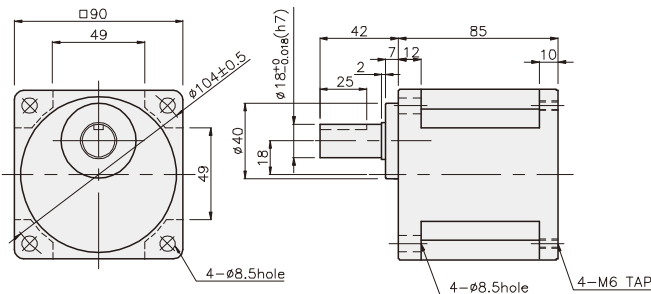
K9P□B



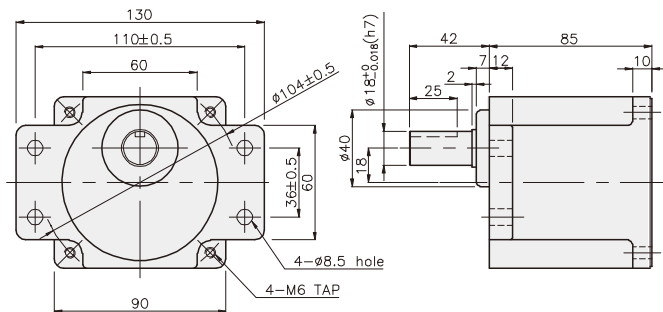
K9P□BF



K9P□BU



K9P□BUF



DIMENSIONS

K9RP90F□-SP + K9P□B



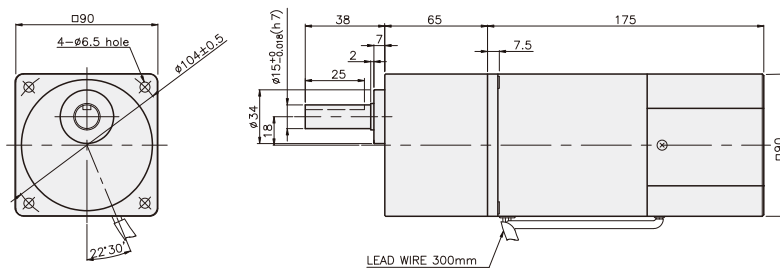
K9RP90F□-SP + K9P□BF, BUF



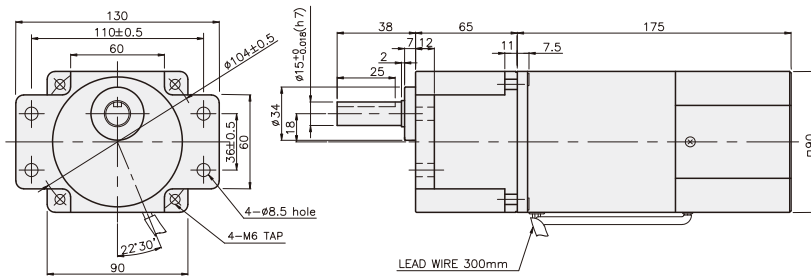
K9RP90F□-SP + K9P□BU



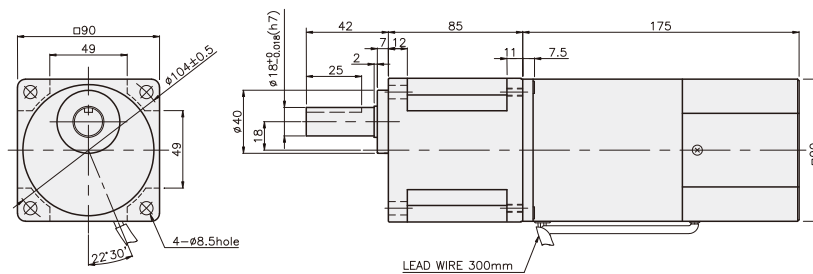
K9RP90F□-SP + K9P□B



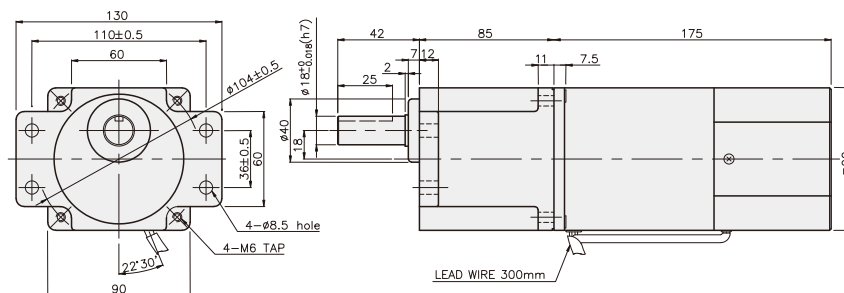
K9RP90F□-SP + K9P□BF



K9RP90F□-SP + K9P□BU



K9RP90F□-SP + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3.06
DECIMAL GEARHEAD	0.62

치수도표

품번	적용기종	취부 BOLT
01	K9P3~200B	M6 P1.0 X 95
02	K9P10BX	M6 P1.0 X 140

무게

PART	WEIGHT(kg)
K9P3~10B	1.22
K9P12.5~20B	1.32
K9P25~60B	1.42
K9P75~200B	1.45

치수도표

품번	적용기종	취부 BOLT
01	K9P3~200BF	M6 P1.0 X 20
02	K9P10BX	M6 P1.0 X 65

무게

PART	WEIGHT(kg)
K9P3~10BF	1.22
K9P12.5~20BF	1.30
K9P25~60BF	1.42
K9P75~200BF	1.44

치수도표

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

무게

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