

INDUCTION MOTOR

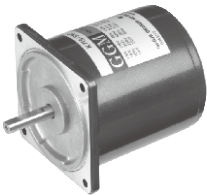
15W

□70mm

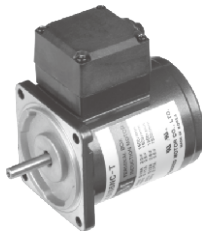
LEAD WIRE TYPE
TERMINAL BOX TYPE

INDUCTION MOTOR

K7IS15N□



K7IS15N□-T



SPECIFICATIONS

15W 연속정격, 4극

Model		Voltage (V)	Frequency (Hz)	Current (A)	Start T. (N·m/kgf·cm)	Rated T. (N·m/kgf·cm)	Speed (rpm)	Condenser (μ F)
K7I□15NJ(−T)	단상	100	50	0.45	0.08/0.8	0.12/1.2	1250	5
			60	0.41		0.1/1	1500	
K7I□15NU(−T)		110	60	0.38	0.08/0.8	0.1/1	1500	4.5
				0.39				
K7I□15NL(−T)		200	50	0.21	0.09/0.9	0.122/1.22	1200	1.5
			60	0.22	0.095/0.95	0.1/1	1500	
K7I□15NC(−T)		220	50	0.2	0.075/0.75	0.12/1.2	1250	1
			60	0.19		0.1/1	1500	
		230	50	0.21	0.08/0.8	0.12/1.2	1250	
			60	0.2		0.1/1	1500	
K7I□15ND(−T)		240	50	0.23	0.085/0.85	0.12/1.2	1250	1

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

RATED TORQUE OF GEARHEAD

● 50Hz

단위 = 상단 : N·m / 하단 : kgf·cm

Model	Speed(rpm)	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12.5	10	8.3	7.5
Motor/ Gearhead	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
K7I□15N□(-T) K7G□B(C)		0.29	0.35	0.49	0.58	0.73	0.87	0.97	1.22	1.46	1.75	1.75	2.19	2.62	3.15	3.50	3.94	4.72	5	5	5	5	5	5	5
		2.9	3.5	4.9	5.8	7.3	8.7	9.7	12.2	14.6	17.5	17.5	21.9	26.2	31.5	35.0	39.4	47.2	50	50	50	50	50	50	50

● 60Hz

단위 = 상단 : N·m / 하단 : kgf·cm

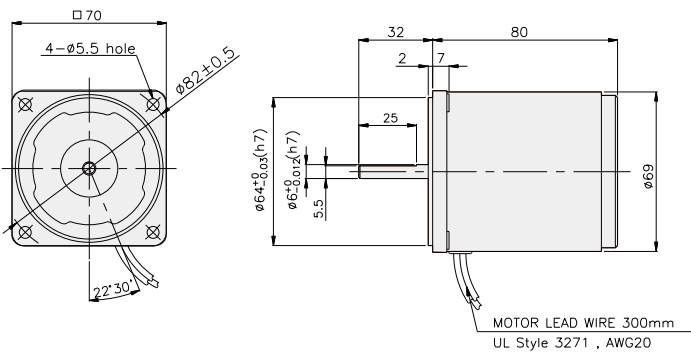
Model	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
Motor/ Gearhead	Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
K7I□15N□(-T) K7G□B(C)		0.24	0.29	0.41	0.49	0.61	0.73	0.81	1.01	1.22	1.46	1.46	1.82	2.19	2.62	2.92	3.28	3.94	4.92	5	5	5	5	5	5
		2.4	2.9	4.1	4.9	6.1	7.3	8.1	10.1	12.2	14.6	14.6	18.2	21.9	26.2	29.2	32.8	39.4	49.2	50	50	50	50	50	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.

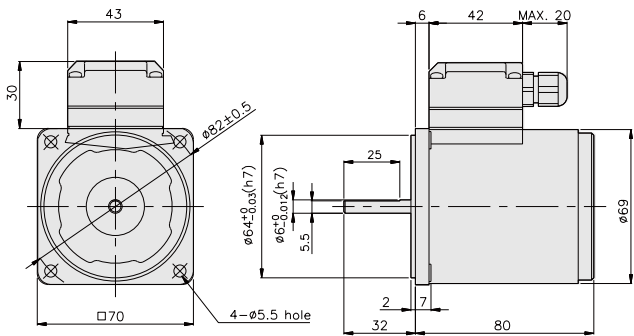
GEARHEAD

DIMENSIONS

K7IS15N □

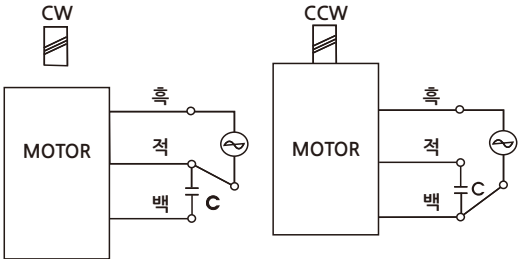


K7IS15N □-T



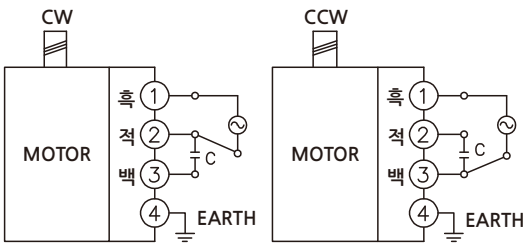
CONNECTION DIAGRAMS

K7IS15N □

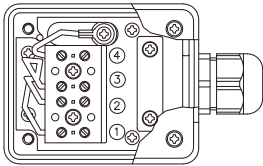


회전방향은 출력축에서 볼 경우

K7IS15N □-T

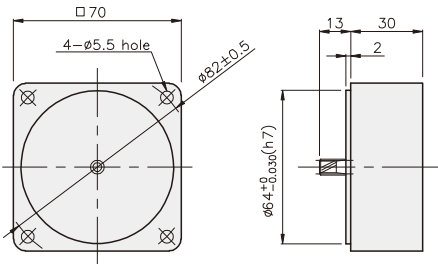


회전방향은 출력축에서 볼 경우

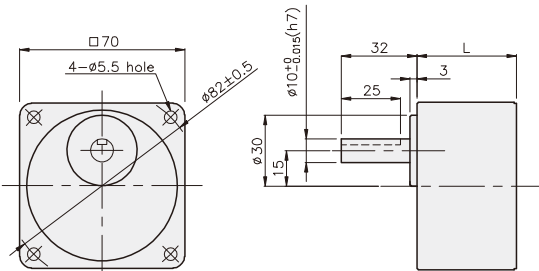


DIMENSIONS

DECIMAL GEARHEAD
K7G10BX



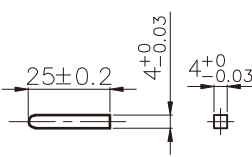
GEARHEAD
K7G □B(C)



KEY SPEC

● KEY

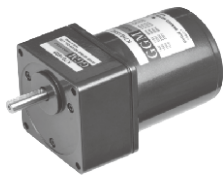
● KEY GROOVE



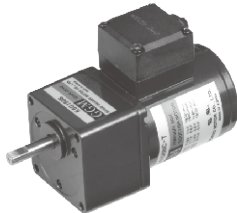
GEARHEAD

DIMENSIONS

K7IG15N□ + K7G□B(C)



K7IG15N□-T + K7G□B(C)



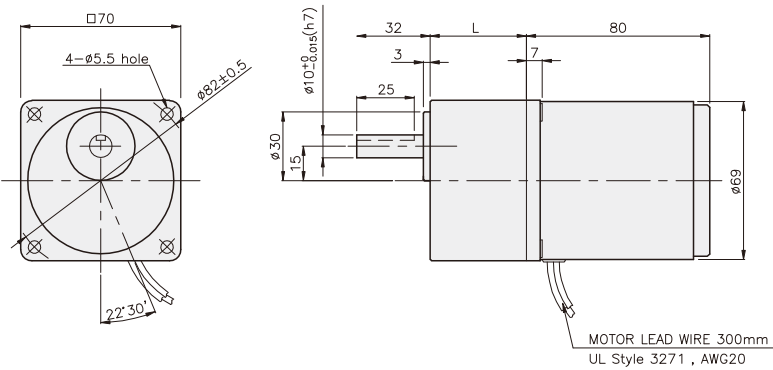
치수도표

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		1.07
DECIMAL GEARHEAD		0.32
GEAR HEAD	K7G3~18B(C)	0.38
	K7G20~40B(C)	0.46
	K7G50~200B(C)	0.51

K7IG15N□ + K7G□B(C)



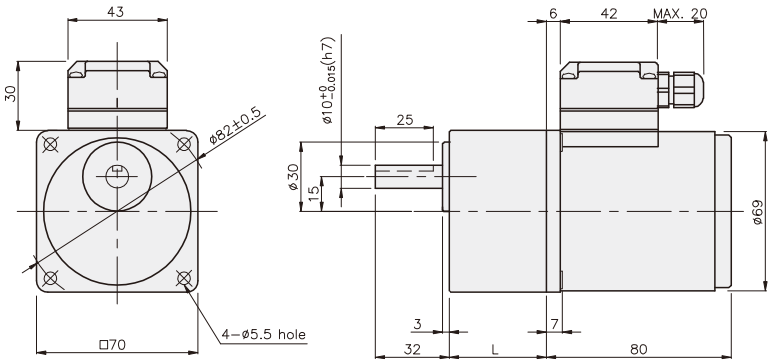
치수도표

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		1.10
DECIMAL GEARHEAD		0.32
GEAR HEAD	K7G3~18B(C)	0.38
	K7G20~40B(C)	0.46
	K7G50~200B(C)	0.51

K7IG15N□-T + K7G□B(C)



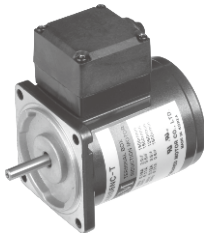
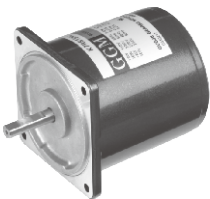
REVERSIBLE MOTOR

15W

□70mm LEAD WIRE TYPE
TERMINAL BOX TYPE

K7RS15N□

K7RS15N□-T



SPECIFICATIONS

15W 30분 정격, 4극

Model		Voltage (V)	Frequency (Hz)	Current (A)	Start T. (N·m/kgf·cm)	Rated T. (N·m/kgf·cm)	Speed (rpm)	Condenser (μF)
K7R□15NJ(-T)		100	50	0.46	0.115/1.15	0.12/1.2	1250	7
			60	0.48		0.1/1	1500	
K7R□15NU(-T)		110	60	0.47	0.12/1.2	0.1/1	1500	6
		115		0.49	0.125/1.25			
K7R□15NL(-T)	단상	200	50	0.23	0.115/1.15	0.12/1.2	1250	2
			60	0.28		0.1/1	1500	
K7R□15NC(-T)		220	50	0.21	0.115/1.15	0.12/1.2	1250	1.5
			60	0.24		0.1/1	1500	
		230	50	0.25	0.125/1.25	0.12/1.2	1250	
			60	0.24	0.125/1.25	0.1/1	1500	
K7R□15ND(-T)		240	50	0.25	0.13/1.3	0.12/1.2	1250	1.5

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

RATED TORQUE OF GEARHEAD

● 50Hz

단위 = 상단 : N·m / 하단 : kgf·cm

Model	Speed(rpm)	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12.5	10	8.3	9
Motor/ Gearhead	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
K7R□15N□(-T) K7G□B(C)		0.29	0.35	0.49	0.58	0.73	0.87	0.97	1.22	1.46	1.75	1.75	2.19	2.62	3.15	3.50	3.94	4.72	5	5	5	5	5	5	5
		2.9	3.5	4.9	5.8	7.3	8.7	9.7	12.2	14.6	17.5	17.5	21.9	26.2	31.5	35.0	39.4	47.2	50	50	50	50	50	50	50

● 60Hz

단위 = 상단 : N·m / 하단 : kgf·cm

Model	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
Motor/ Gearhead	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
K7R□15N□(-T) K7G□B(C)		0.24	0.29	0.41	0.49	0.61	0.73	0.81	1.01	1.22	1.46	1.46	1.82	2.19	2.26	2.92	3.28	3.94	4.92	5	5	5	5	5	5
		2.4	2.9	4.1	4.9	6.1	7.3	8.1	10.1	12.2	14.6	14.6	18.2	21.9	26.2	29.2	32.8	39.4	49.2	50	50	50	50	50	50

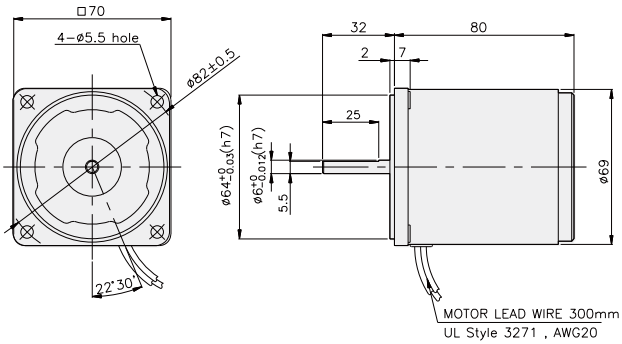
- * GEARHEAD·DECIMAL GEARHEAD는 별매입니다.
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이 경우의 허용 TORQUE는 5 N·m / 50 kgf·cm 입니다.
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실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.

REVERSIBLE MOTOR

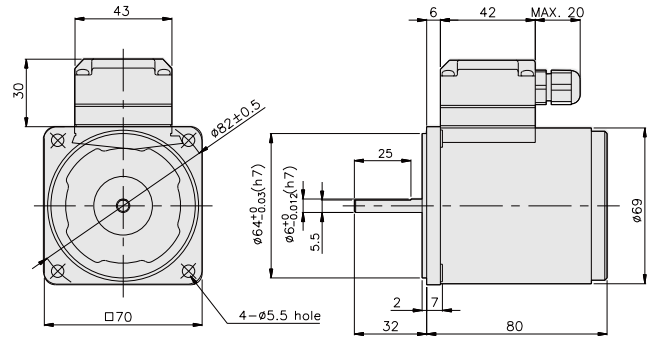
GEARHEAD

DIMENSIONS

K7RS15N□

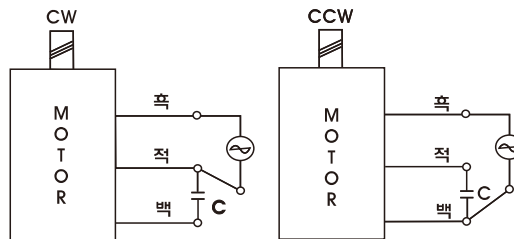


K7RS15N□-T



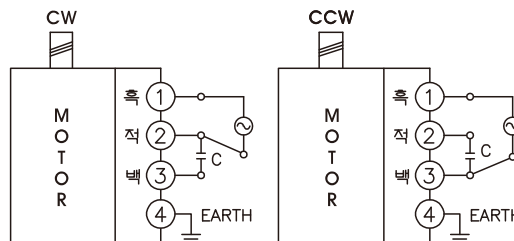
CONNECTION DIAGRAMS

K7RS15N□

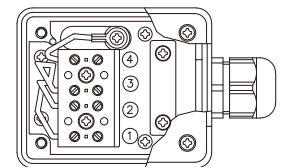


회전방향은 출력축에서 볼 경우

K7RS15N□-T



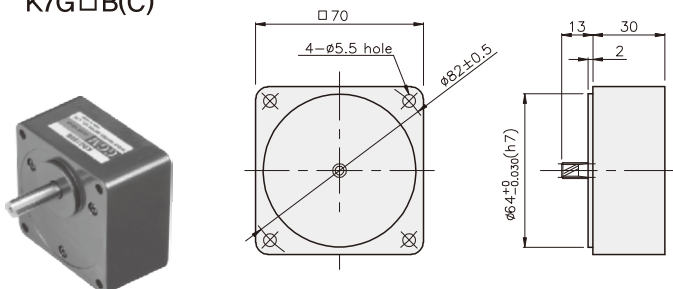
회전방향은 출력축에서 볼 경우



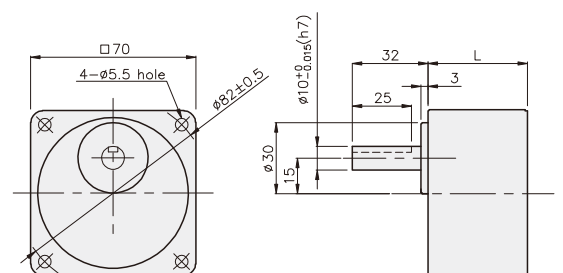
DIMENSIONS

DECIMAL GEARHEAD
K7G10BX

K7G□B(C)



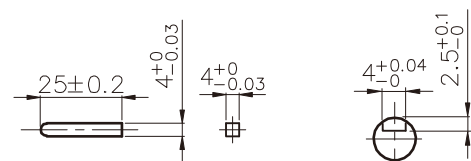
GEARHEAD
K7G□B(C)



KEY SPEC

● KEY

● KEY GROOVE

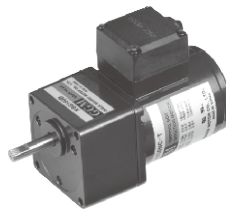


DIMENSIONS

K7RG15N□ + K7G□B(C)



K7RG15N□-T + K7G□B(C)



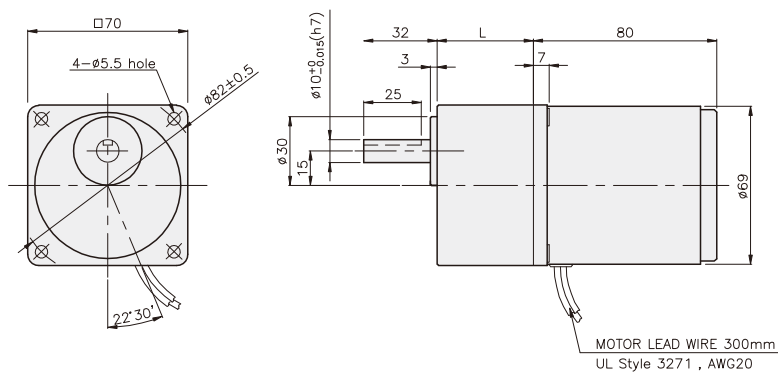
치수도표

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	1.11
DECIMAL GEARHEAD	0.32
GEAR HEAD	K7G3~18B(C) 0.38
	K7G20~40B(C) 0.46
	K7G50~200B(C) 0.51

K7RG15N□ + K7G□B(C)



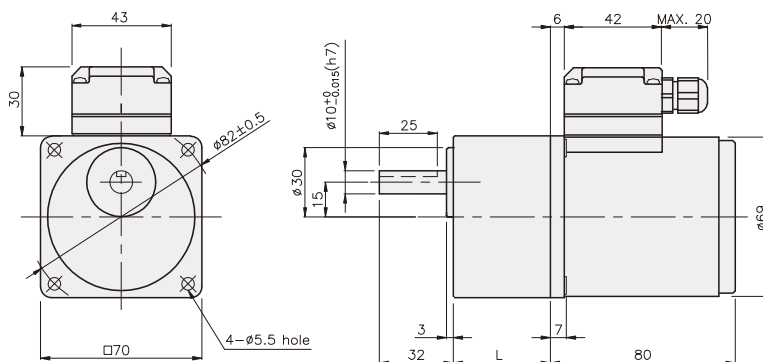
치수도표

품번	L	적용기종	취부 BOLT
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무게

PART	WEIGHT(kg)
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GEAR HEAD	K7G3~18B(C) 0.38
	K7G20~40B(C) 0.46
	K7G50~200B(C) 0.51

K7RG15N□-T + K7G□B(C)



INDUCTION MOTOR

15W

□70mm

LEAD WIRE TYPE TERMINAL BOX TYPE

K7IS15N□



K7IS15N□-T



SPECIFICATIONS

15W 연속정격, 4극

Model		Voltage (V)	Frequency (Hz)	Current (A)	Start T. (N*m/Kgf*cm)	Rated T. (N*m/Kgf*cm)	Speed (rpm)	Condenser (μF)
K7I□15NJ(−T)	단상	100	50	0.45	0.08/0.8	0.12/1.2	1250	5
			60	0.41		0.1/1	1500	
K7I□15NU(−T)		110	60	0.38	0.08/0.8	0.1/1	1500	4.5
		115		0.39				
K7I□15NL(−T)		200	50	0.21	0.09/0.9	0.122/1.22	1200	1.5
			60	0.22	0.095/0.95	0.1/1	1500	
K7I□15NC(−T)		220	50	0.2	0.075/0.75	0.12/1.2	1250	1
			60	0.19		0.1/1	1500	
		230	50	0.21	0.08/0.8	0.12/1.2	1250	
			60	0.2		0.1/1	1500	
K7I□15ND(−T)		240	50	0.23	0.085/0.85	0.12/1.2	1250	1

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

RATED TORQUE OF GEARHEAD

● 50Hz

단위 = 상단 : N·m / 하단 : Kgtcm

Model	Speed(rpm)	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12,5	10	8,3	7,5
Motor/ Gearhead	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
K7I□15N□(-T)		0,29	0,35	0,49	0,58	0,73	0,87	0,97	1,22	1,46	1,75	1,75	2,19	2,62	3,15	3,50	3,94	4,72	5	5	5	5	5	5	5
K7G□B(C)		2,9	3,5	4,9	5,8	7,3	8,7	9,7	12,2	14,6	17,5	17,5	21,9	26,2	31,5	35,0	39,4	47,2	50	50	50	50	50	50	50

● 60Hz

단위 = 상단 : N·m / 하단 : Kgtcm

Model	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
Motor/ Gearhead	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
K7I□15N□(-T)		0,24	0,29	0,41	0,49	0,61	0,73	0,81	1,01	1,22	1,46	1,46	1,82	2,19	2,62	2,92	3,28	3,94	4,92	5	5	5	5	5	5
K7G□B(C)		2,4	2,9	4,1	4,9	6,1	7,3	8,1	10,1	12,2	14,6	14,6	18,2	21,9	26,2	29,2	32,8	39,4	49,2	50	50	50	50	50	50

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* 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.

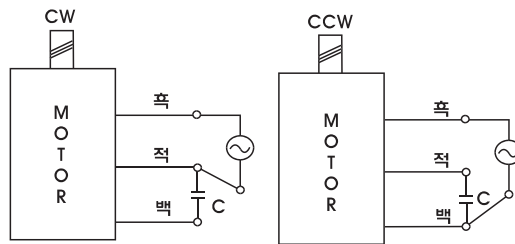
* 이 경우의 허용 TORQUE는 5N·m/50kgfcm 입니다.

* 회전수는 MOTOR의 동기 회전수(50Hz:1500rpm, 60Hz:1800rpm)를 기준으로 하여 감속비로 나누어서 계산하였습니다. 실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.

GEARHEADS

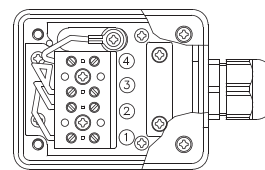
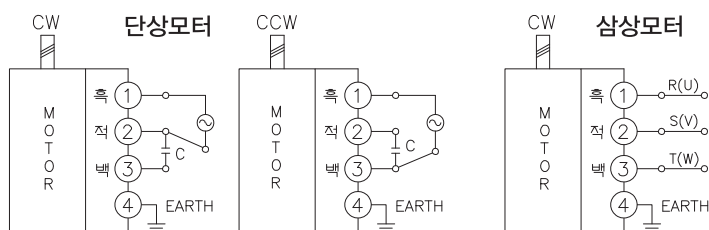
CONNECTION DIAGRAMS

K7IS15N□



회전방향은 출력축에서 볼 경우

K7IS15N□-T



회전방향은 출력축에서 볼 경우

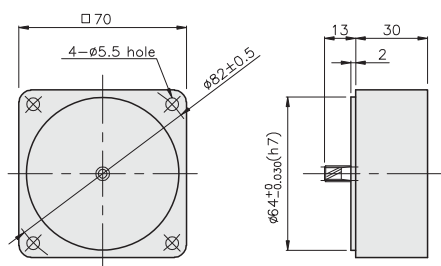
DIMENSIONS

K7G□B(C)



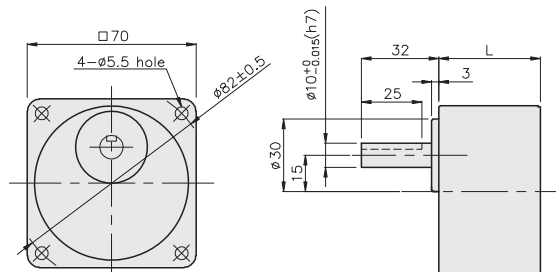
DECIMAL GEARHEAD

K7G10BX



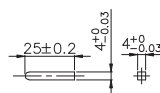
GEARHEAD

K7G□B(C)



• KEY

• KEY GROOVE



K7IG15N□ + K7G□B(C)



K7IG15N□-T + K7G□B(C)



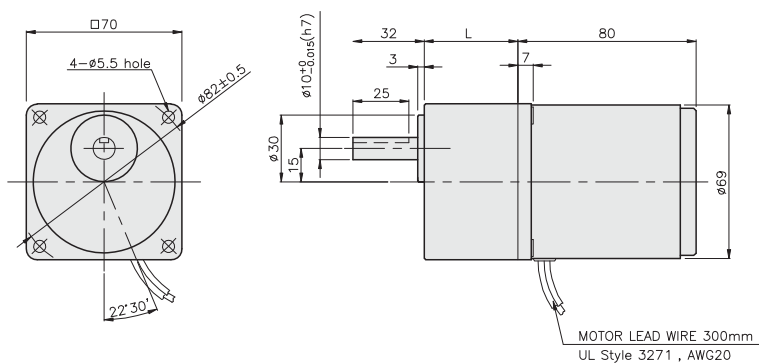
치수도표

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	1,07
DECIMAL GEAR HEAD	0,32
GEAR HEAD	K7G3~18B(C) 0,38
	K7G20~40B(C) 0,46
	K7G50~200B(C) 0,51

K7IG15N□ + K7G□B(C)



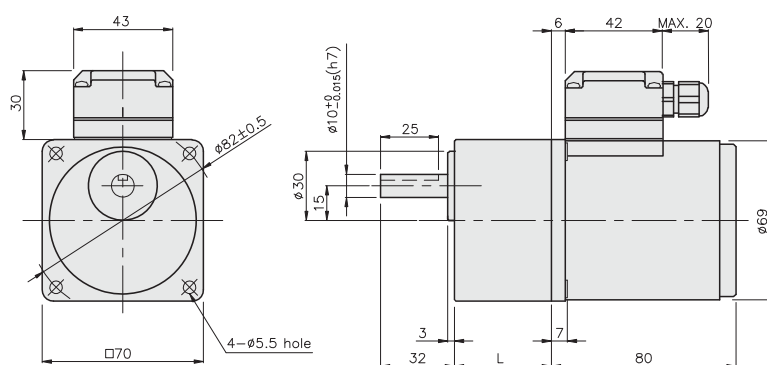
치수도표

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	1,10
DECIMAL GEAR HEAD	0,32
GEAR HEAD	K7G3~18B(C) 0,38
	K7G20~40B(C) 0,46
	K7G50~200B(C) 0,51

K7IG15N□-T + K7G□B(C)



REVERSIBLE MOTOR

15W

□70mm

LEAD WIRE TYPE TERMINAL BOX TYPE

K7RS15N□



K7RS15N□-T



SPECIFICATIONS

15W 30분 정격, 4극

Model		Voltage (V)	Frequency (Hz)	Current (A)	Start T. (N*m/Kgf*Cm)	Rated T. (N*m/Kgf*Cm)	Speed (rpm)	Condenser (μF)
K7R□15NJ(-T)	단상	100	50	0,46	0,115/1,15	0,12/1,2	1250	7
			60	0,48		0,1/1	1500	
K7R□15NU(-T)		110	60	0,47	0,12/1,2	0,1/1	1500	6
		115		0,49				
K7R□15NL(-T)		200	50	0,23	0,115/1,15	0,12/1,2	1250	2
			60	0,28		0,1/1	1500	
K7R□15NC(-T)		220	50	0,21	0,115/1,15	0,12/1,2	1250	1,5
			60	0,24		0,1/1	1500	
		230	50	0,25	0,125/1,25	0,12/1,2	1250	
			60	0,24	0,125/1,25	0,1/1	1500	
K7R□15ND(-T)		240	50	0,25	0,13/1,3	0,12/1,2	1250	1,5

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

RATED TORQUE OF GEARHEAD

● 50Hz

단위 = 상단 : N·m / 하단 : Kgtcm

Model	Speed(rpm)	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12,5	10	8,3	9
Motor/ Gearhead	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
K7R□15N□(-T) K7G□B(C)		0,29	0,35	0,49	0,58	0,73	0,87	0,97	1,22	1,46	1,75	1,75	2,19	2,62	3,15	3,50	3,94	4,72	5	5	5	5	5	5	5
		2,9	3,5	4,9	5,8	7,3	8,7	9,7	12,2	14,6	17,5	17,5	21,9	26,2	31,5	35,0	39,4	47,2	50	50	50	50	50	50	50

● 60Hz

단위 = 상단 : N·m / 하단 : Kgtcm

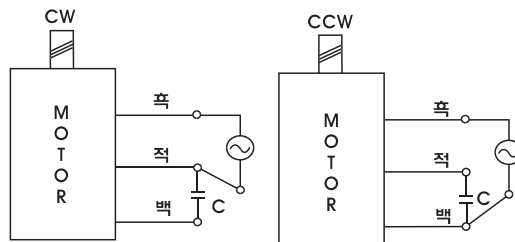
Model	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
Motor/ Gearhead	Ratio	3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
K7R□15N□(-T) K7G□B(C)		0,24	0,29	0,41	0,49	0,61	0,73	0,81	1,01	1,22	1,46	1,46	1,82	2,19	2,26	2,92	3,28	3,94	4,92	5	5	5	5	5	5
		2,4	2,9	4,1	4,9	6,1	7,3	8,1	10,1	12,2	14,6	14,6	18,2	21,9	26,2	29,2	32,8	39,4	49,2	50	50	50	50	50	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 5N·m/50kgfcm 입니다.
- * 회전수는 MOTOR의 동기 회전수(50Hz:1500rpm, 60Hz:1800rpm)를 기준으로 하여 감속비로 나누어서 계산하였습니다. 실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.

GEARHEADS

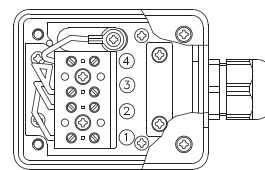
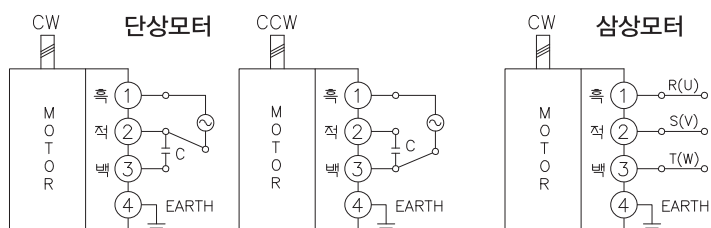
CONNECTION DIAGRAMS

K7RS15N□



회전방향은 출력축에서 볼 경우

K7RS15N□-T



회전방향은 출력축에서 볼 경우

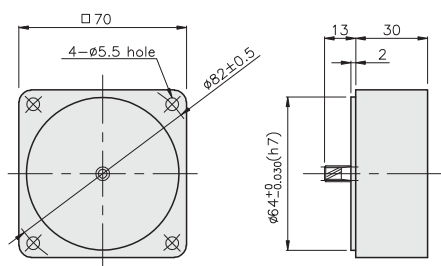
DIMENSIONS

K7G□B(C)



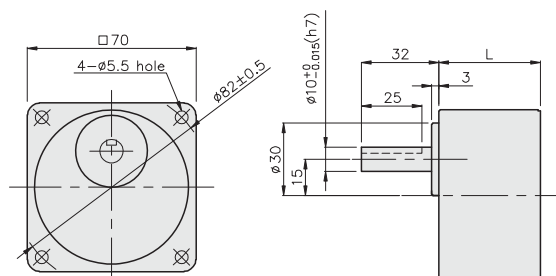
DECIMAL GEARHEAD

K7G10BX



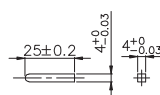
GEARHEAD

K7G□B(C)



• KEY

• KEY GROOVE



K7RG15N□ + K7G□B(C)



K7RG15N□-T + K7G□B(C)



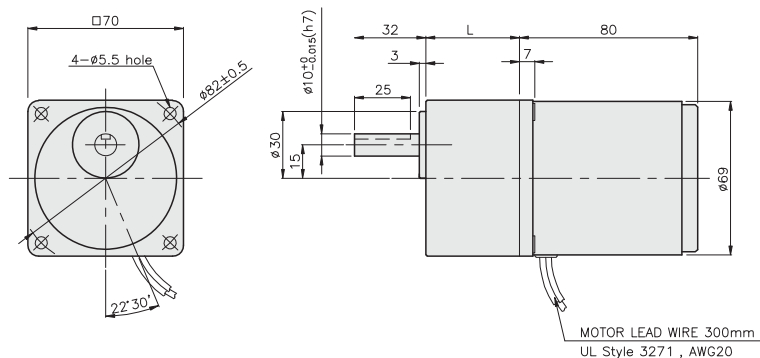
치수도표

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	1.11
DECIMAL GEAR HEAD	0.32
GEAR HEAD	
K7G3~18B(C)	0.38
K7G20~40B(C)	0.46
K7G50~200B(C)	0.51

K7RG15N□ + K7G□B(C)



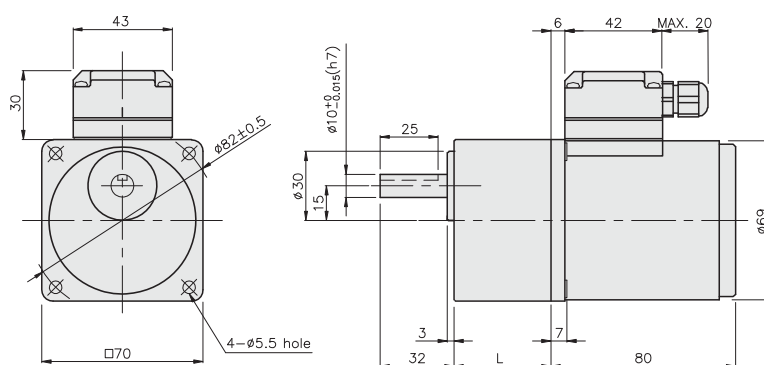
치수도표

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	1.10
DECIMAL GEAR HEAD	0.32
GEAR HEAD	
K7G3~18B(C)	0.38
K7G20~40B(C)	0.46
K7G50~200B(C)	0.51

K7RG15N□-T + K7G□B(C)

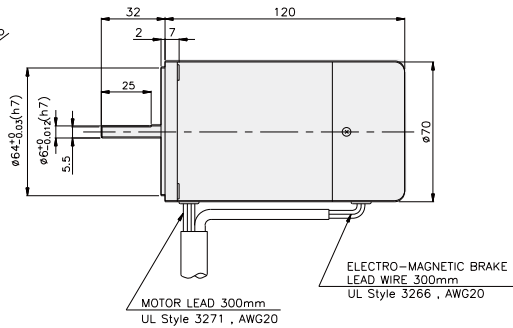
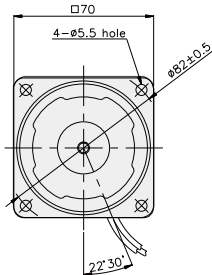


BRAKE MOTOR

15W

□70mm

K7RS15N□-B



SPECIFICATIONS

15W 30분 정격, 4극

Model		Duty	Voltage (V)	Frequency (Hz)	Current (A)	Start T. (N·m/kgf·cm)	Rated T. (N·m/kgf·cm)	Speed (rpm)	Condenser (μF)	Friction T. (N·m/kgf·cm)
K7R□15NJ-B	단상	30분	100	50	0.46	0.115/1.15	0.12/1.2	1250	7	0.2/2
				60	0.48		0.1/1	1500		
K7R□15NU-B			110	60	0.47	0.12/1.2	0.1/1	1500	6	0.2/2
			115		0.49					
K7R□15NL-B			200	50	0.23	0.115/1.15	0.122/1.22	1250	2	0.2/2
				60	0.28		0.1/1	1500		
K7R□15NC-B			220	50	0.21	0.115/1.15	0.12/1.2	1250	1.5	0.2/2
				60	0.24		0.1/1	1500		
			230	50	0.25	0.125/1.25	0.12/1.2	1250		
				60	0.24		0.1/1	1500		
K7R□15ND-B			240	50	0.25	0.13/1.3	0.12/1.2	1250	1.5	0.2/2

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

RATED TORQUE OF GEARHEAD

● 50Hz

단위 = 상단 : N·m / 하단 : kgf·cm

Model Motor/ Gearhead	Speed(rpm)	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12.5	10	8.3	7.5
	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
K7R□15N□-B K7G□B(C)		0.29	0.35	0.49	0.58	0.73	0.87	0.97	1.22	1.46	1.75	1.75	2.19	2.62	3.15	3.50	3.94	4.72	5	5	5	5	5	5	5
		2.9	3.5	4.9	5.8	7.3	8.7	9.7	12.2	14.6	17.5	17.5	21.9	26.2	31.5	35.0	39.4	47.2	50	50	50	50	50	50	50

● 60Hz

단위 = 상단 : N·m / 하단 : kgf·cm

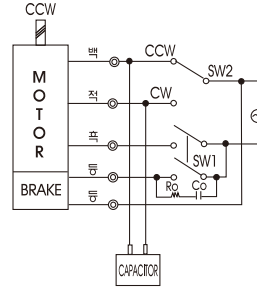
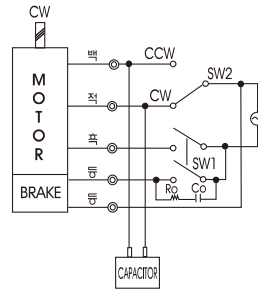
Model Motor/ Gearhead	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
	Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
K7R□15N□-B K7G□B(C)		0.24	0.29	0.41	0.49	0.61	0.73	0.81	1.01	1.22	1.46	1.46	1.82	2.19	2.62	2.92	3.28	3.94	4.92	5	5	5	5	5	5
		2.4	2.9	4.1	4.9	6.1	7.3	8.1	10.1	12.2	14.6	14.6	18.2	21.9	26.2	29.2	32.8	39.4	49.2	50	50	50	50	50	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.

GEARHEAD

CONNECTION DIAGRAMS

접점 보호를 위해 결선도와 같이 서지(Surge) 전압 흡수용 Cr회로를 접속하여 주십시오.
 $R_o = 5 \sim 200\Omega$
 $C_o = 0.1 \sim 0.2\mu F$ 200WV(400WV)



※ 회전방향은 출력축에서 볼경우

DIMENSIONS

K7G□B(C)

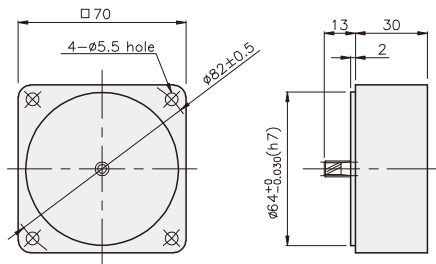


K7RG15N□-B + K7G□B(C)



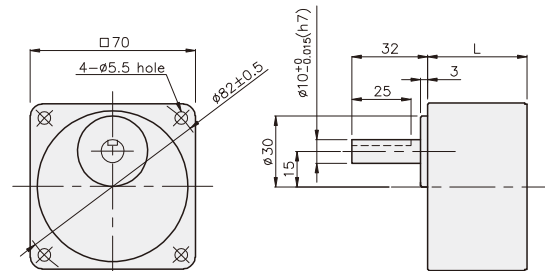
DECIMAL GEARHEAD

K7G10BX



GEARHEAD

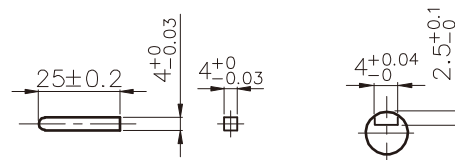
K7G□B(C)



KEY SPEC

● KEY

● KEY GROOVE



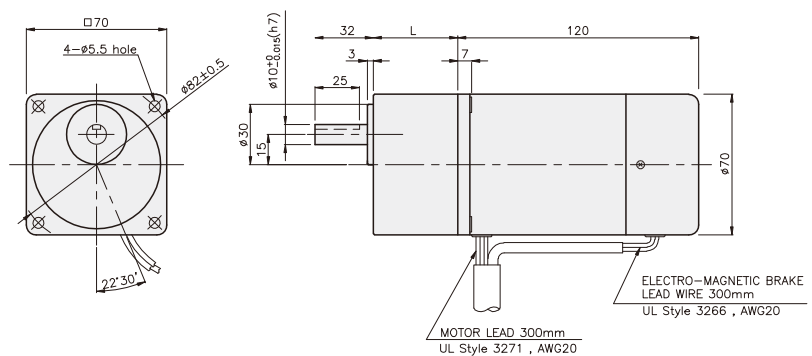
치수도표

품번	L	적용기종	취부 BOLT
01	32	K7G3~18B(C)	M4 P0.8 X 50
02	42	K7G20~200B(C)	M4 P0.8 X 65
03	30	K7G10BX	M4 P0.8 X 90

무게

PART		WEIGHT(kg)
MOTOR		1,30
DECIMAL GEARHEAD		0,32
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G50~200B(C)	0,51

K7RG15N□-B + K7G□B(C)



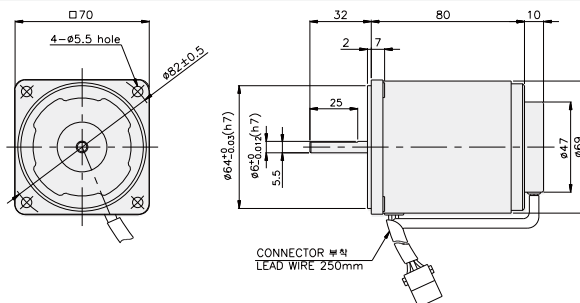
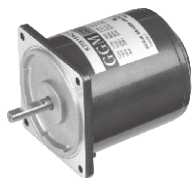
SPEED CONTROL MOTOR – SU SERIES

15W

□70mm

INDUCTION MOTOR

K7IS15N□-SU



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 (N·m/kgf·cm)	90 rpm (N·m/kgf·cm)			
K7I□15NJ-SU		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-SU		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-SU		200	50	90 ~ 1400	0.125/1.25	0.04/0.4	0.08/0.8	0.3	1.5
			60	90 ~ 1700			0.085/0.85	0.31	
K7I□15NC-SU		220	50	90 ~ 1400	0.125/1.25	0.04/0.4	0.06/0.6	0.29	1
			60	90 ~ 1700				0.28	
		230	50	90 ~ 1400	0.125/1.25	0.04/0.4	0.065/0.65	0.3	
			60	90 ~ 1700				0.29	
K7I□15ND-SU		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□-SU 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

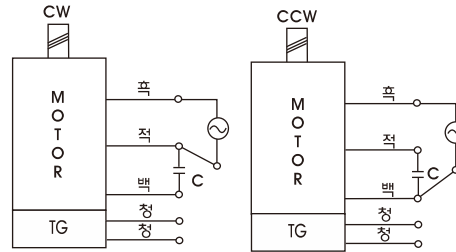
● 단상 200V/240V

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□-SU 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

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- * 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

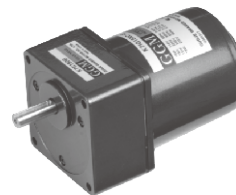


회전방향은 출력축에서 볼 경우

DIMENSIONS

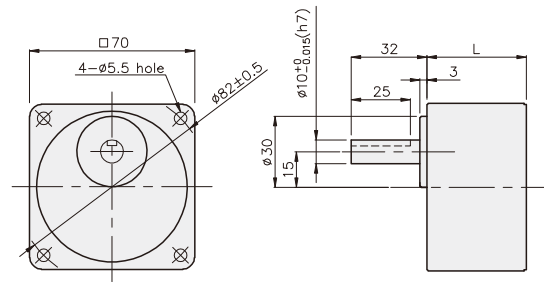
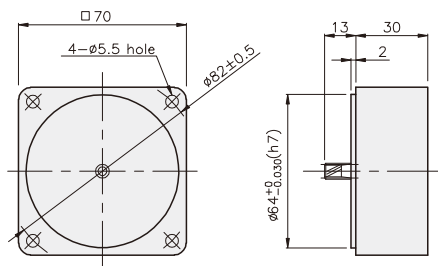
K7G□B(C)

K7IG15N□-SU + K7G□B(C)



DECIMAL GEARHEAD
K7G10BX

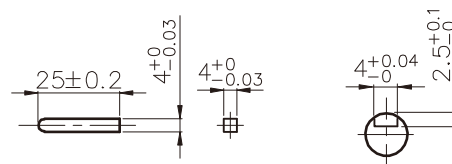
GEARHEAD
K7G□B(C)



KEY SPEC

● KEY

● KEY GROOVE



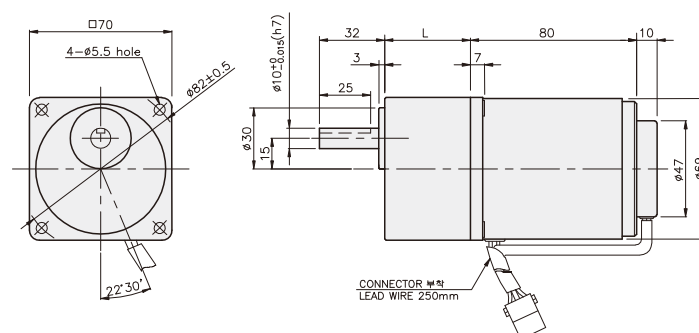
치수도표

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)	0.36
K7G20~40B(C)	0.46
K7G50~200B(C)	0.51

K7IG15N□-SU + K7G□B(C)



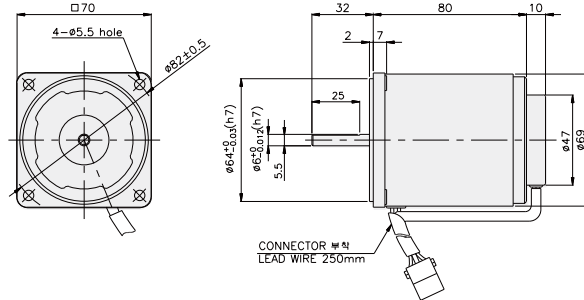
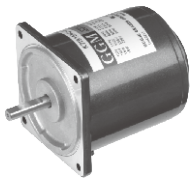
SPEED CONTROL MOTOR - SU SERIES

15W

□70mm

REVERSIBLE MOTOR

K7RS15N□-SU



SPECIFICATIONS

15W 30분 정격, 4극

Model	Voltage (V)	Frequency (Hz)	Speed (rpm)	Permissible Torque		Start T. (N·m/kgf·cm)	Current (A)	Condenser (μF)
				1200rpm (N·m/kgf·cm)	90rpm (N·m/kgf·cm)			
K7R□15NJ-SU	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-SU	110	60	90 ~ 1700	0.135/1.35	0.055/0.55	0.09/0.9	0.58	6
	115						0.31	
K7R□15NL-SU	200	50	90 ~ 1400	0.115/1.15	0.05/0.5	0.08/0.8	0.33	1.5
		60	90 ~ 1700	0.115/1.15			0.3	
K7R□15NC-SU	220	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	
	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-SU	240	50	90 ~ 1400	0.135/1.35	0.05/0.5	0.09/0.9	0.34	

※ □ : 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□-SU 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

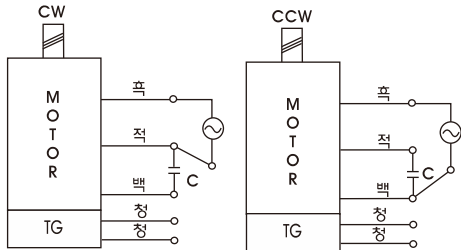
단위 = 상단 : N·m / 하단 : kgf·cm

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□-SU K7G□B(C)	1200	200V/230V 50Hz/60Hz	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	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
		200V 50Hz/60Hz 240V/50Hz	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	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
	90	200V/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

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- * 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



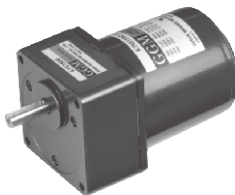
회전방향은 출력축에서 볼 경우

DIMENSIONS

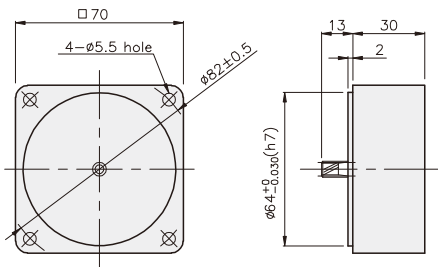
K7G□B(C)



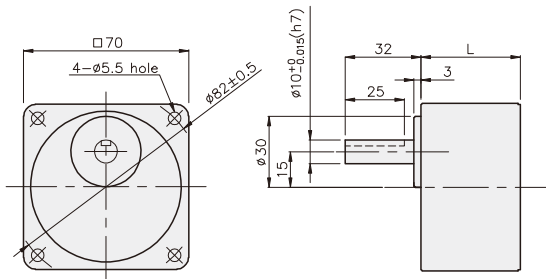
K7RG15N□-SU + K7G□B(C)



DECIMAL GEARHEAD
K7G10BX

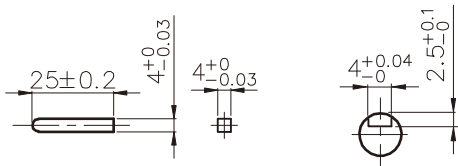


GEARHEAD
K7G□B(C)



KEY SPEC

- KEY
- KEY GROOVE



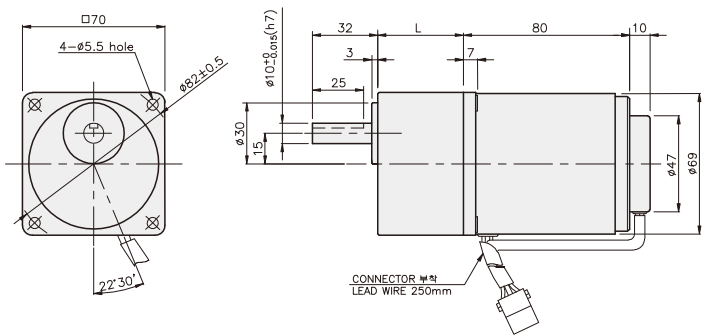
치수도표

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

무게

PART	WEIGHT(kg)
MOTOR	1.16
DECIMAL GEARHEAD	0.32
GEAR HEAD	
K7G3~18B(C)	0.36
K7G20~40B(C)	0.46
K7G50~200B(C)	0.51

K7RG15N□-SU + K7G□B(C)



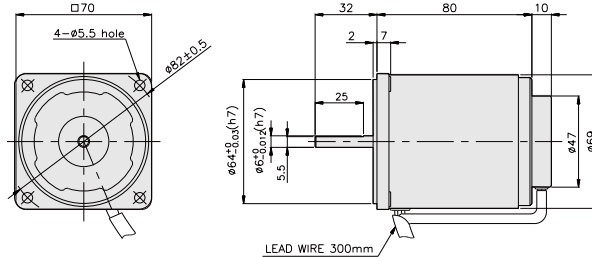
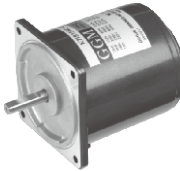
SPEED CONTROL MOTOR – SP SERIES

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

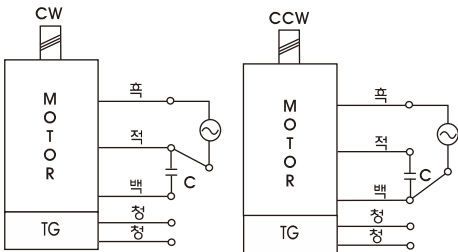
단위 = 상단 : N·m / 하단 : kgf·cm

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

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- * 실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.

GEARHEAD

CONNECTION DIAGRAMS



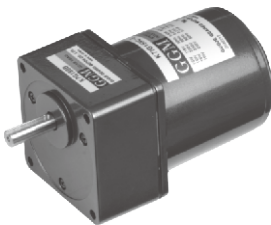
※ 회전방향은 출력축에서 볼 경우

DIMENSIONS

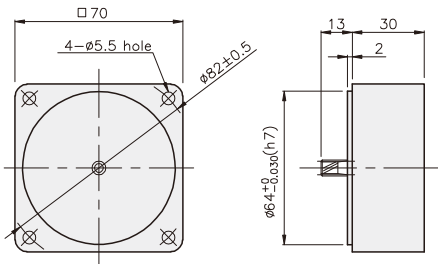
K7G□B(C)



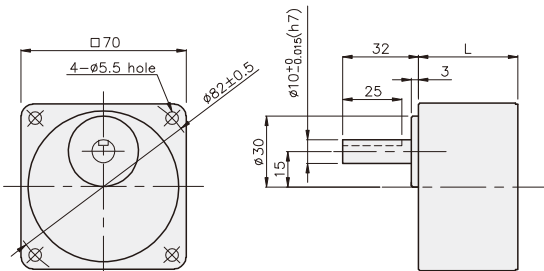
K7IG15N□-SP + K7G□B(C)



DECIMAL GEARHEAD
K7G10BX

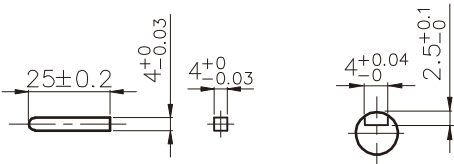


GEARHEAD
K7G□B(C)



KEY SPEC

- KEY
- KEY GROOVE



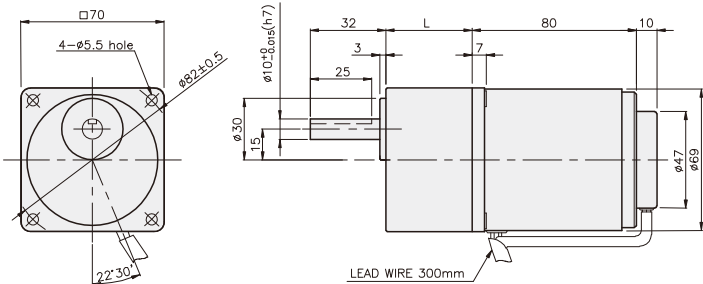
치수도표

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)



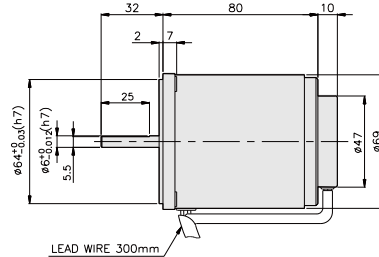
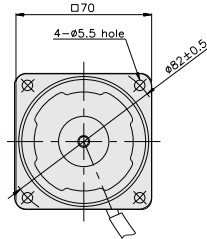
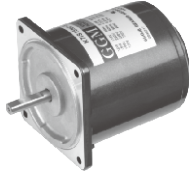
SPEED CONTROL MOTOR – SP SERIES

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

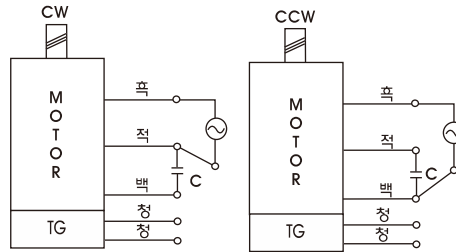
● 단상 200V/240V

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

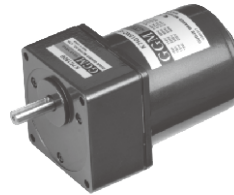


※ 회전방향은 출력축에서 볼 경우

DIMENSIONS

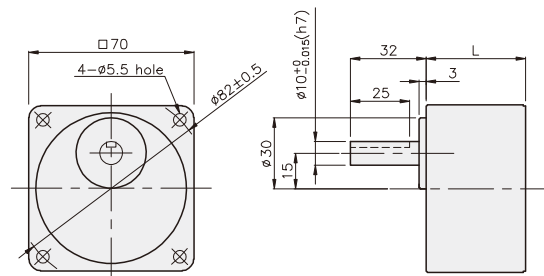
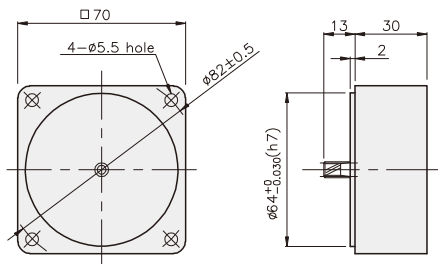
K7G□B(C)

K7RG15N□-SP + K7G□B(C)



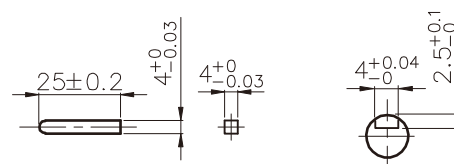
DECIMAL GEARHEAD
K7G10BX

GEARHEAD
K7G□B(C)



KEY SPEC

- KEY
- KEY GROOVE



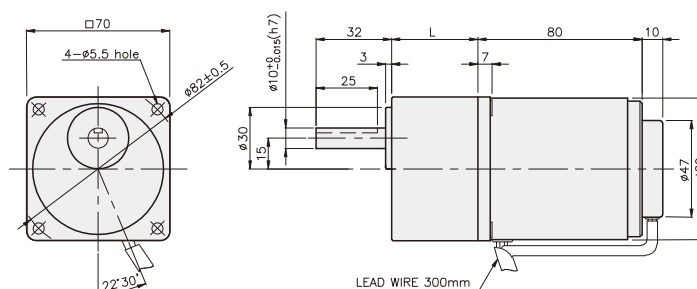
치수도표

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

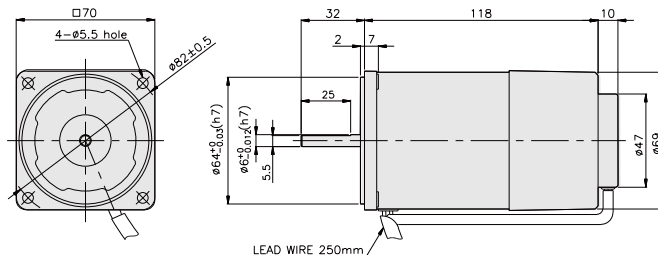
K7RG15N□-SP + K7G□B(C)



SPEED CONTROL & BRAKE MOTOR

15W

□ 70mm



SPECIFICATIONS

15W 30분 정격, 4극

Model		Voltage (V)	Frequency (Hz)	Speed Range (rpm)	Permissible Torque		Start T. (N·m/kgf·cm)	Current (A)	Condenser (μF)	Friction T. (N·m/kgf·cm)
					1200 rpm	90 rpm				
					(N·m/kgf·cm)	(N·m/kgf·cm)				
K7R□15NJ-D	단상	100	50	90 ~ 1400	0.14/1.4	0.05/0.5	0.085/0.85	0.56	7	0.2/2
			60	90 ~ 1700				0.58		
K7R□15NU-D		110	60	90 ~ 1700	0.14/1.4	0.05/0.5	0.085/0.85	0.58	6	0.2/2
		115								
K7R□15NL-D		200	50	90 ~ 1400	0.135/1.35	0.055/0.55	0.09/0.9	0.31	2	0.2/2
			60	90 ~ 1700	0.115/1.15			0.33		
K7R□15NC-D		220	50	90 ~ 1400	0.135/1.35	0.05/0.5	0.08/0.8	0.3	1.5	0.2/2
			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-D		240	50	90 ~ 1400	0.135/1.35	0.05/0.5	0.09/0.9	0.34	1.5	0.2/2

* □ : 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)																								
K7R□15N□-D 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	2,25 22,5	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																								
Motor/Gearhead	Speed(rpm)	33	36	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	
K7□15□-D K7□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	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	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	200V/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	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	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.

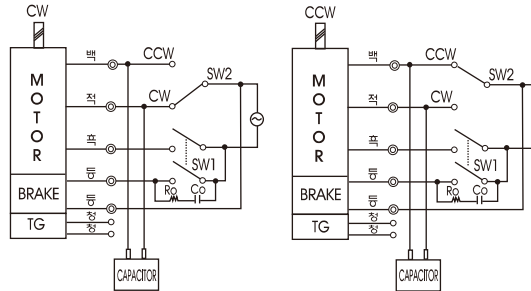
* 표의 침착비율보다 더 침착하고자 할 경우는 GEARHEAD로
이 경우의 허용 TORQUE는 5 N·m / 50 kgf·cm 입니다.

* 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

접점 보호를 위해 결선도와 같이 서지(Surge) 전압 흡수용 Cr회로를 접속하여 주십시오.
 $R_o = 5 - 200\Omega$
 $C_o = 0.1 \sim 0.2\mu F \ 200VV(400VV)$



※ 회전방향은 출력축에서 볼경우

DIMENSIONS

K7G□B(C)

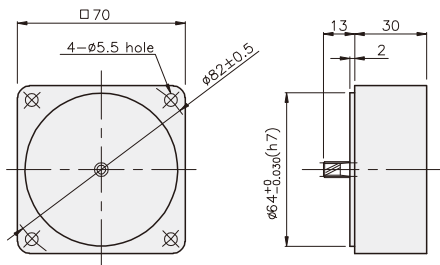


K7RG15N□-D + K7G□B(C)



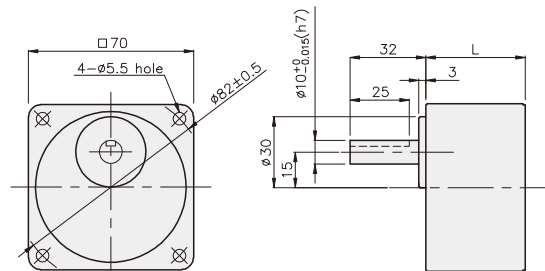
DECIMAL GEARHEAD

K7G10BX



GEARHEAD

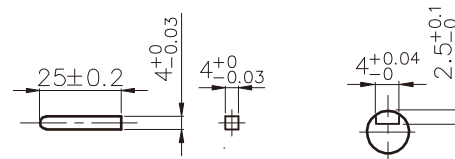
K7G□B(C)



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	1.42
DECIMAL GEARHEAD	0.32
GEAR HEAD	
K7G3~18B(C)	0.38
K7G20~40B(C)	0.46
K7G50~200B(C)	0.51

K7RG15N□-D + K7G□B(C)

