

REVERSIBLE MOTOR

6W

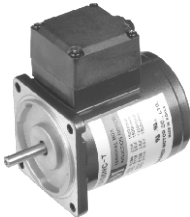
□60mm

LEAD WIRE TYPE
TERMINAL BOX TYPE

K6RS6N□



K6RS6N□-T



SPECIFICATIONS

6W 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)
단상	K6R□6NJ(-T)	100	50	0,25	0,035/0,35	0,049/0,49	1200	3
			60	0,23		0,04/0,4	1500	
	K6R□6NU(-T)	110	60	0,2	0,045/0,45	0,04/0,4	1500	2,5
		115		0,2	0,05/0,5			
	K6R□6NL(-T)	200	50	0,12	0,055/0,55	0,049/0,49	1200	1
			60	0,13		0,04/0,4	1500	
	K6R□6NC(-T)	220	50	0,12	0,045/0,45	0,047/0,47	1250	0,8
			60	0,12		0,04/0,4	1500	
		230	50	0,15	0,055/0,55	0,047/0,47	1250	
			60	0,13	0,06/0,6	0,04/0,4	1500	
	K6R□6ND(-T)	240	50	0,12	0,048/0,48	0,047/0,47	1250	0,6

* □ : SHAFT 형상 (S : STRAIGHT, G : PINION) * 기종 명 끝에 NU품번은 UL규격 인증 제품입니다. UL FILE NO. E235858

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	6
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	250
K6R□6N□(-T) K6G□B(C)		0,11	0,14	0,19	0,23	0,29	0,34	0,38	0,48	0,57	0,69	0,69	0,86	1,03	1,23	1,37	1,54	1,85	2,31	2,78	3	3	3	3	3	3
		1,1	1,4	1,9	2,3	2,9	3,4	3,8	4,8	5,7	6,9	6,9	8,6	10,3	12,3	13,7	15,4	18,5	21,3	27,8	30	30	30	30	30	30

● 60Hz

단위 = 상단 : N·m / 하단 : kgf·cm

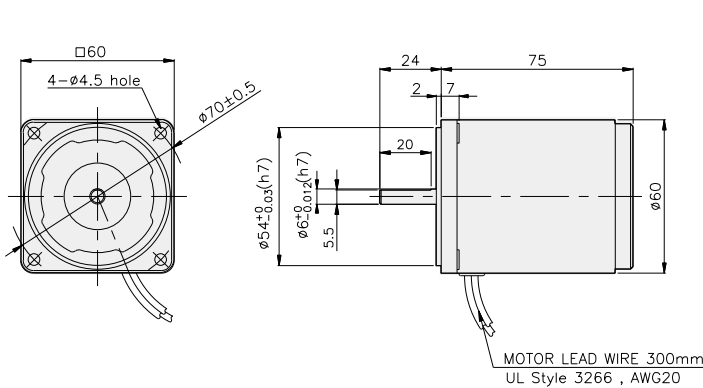
Model	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9	7,2
Motor/ Gearhead	Ratio	3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	250
K6R□6N□(-T) K6G□B(C)		0,10	0,12	0,16	0,19	0,24	0,29	0,32	0,41	0,49	0,58	0,58	0,73	0,87	1,05	1,17	1,31	1,57	1,97	2,36	2,62	3	3	3	3	3
		1,0	1,2	1,6	1,9	2,4	2,9	3,2	4,1	4,9	5,8	5,8	7,3	8,7	10,5	11,7	13,1	15,7	19,7	23,6	26,2	30	30	30	30	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.

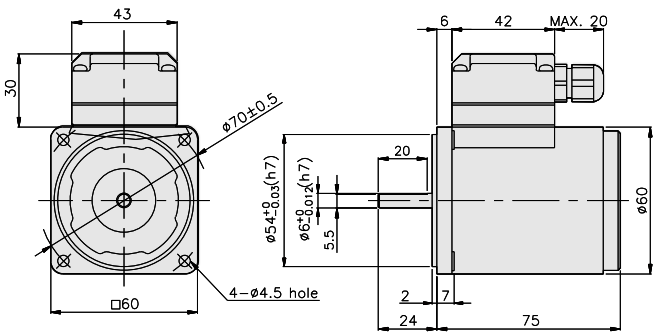
GEARHEAD

DIMENSIONS

K6RS6N□

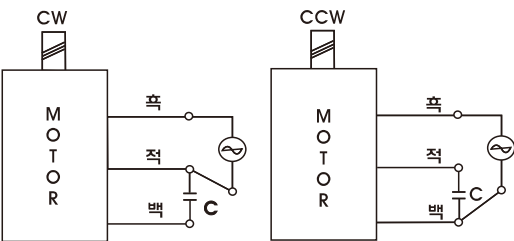


K6RS6N□-T



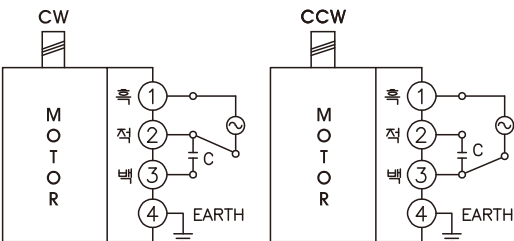
CONNECTION DIAGRAMS

K6RS6N□

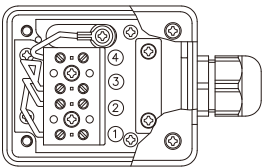


회전방향은 출력축에서 볼 경우

K6RS6N□-T



회전방향은 출력축에서 볼 경우

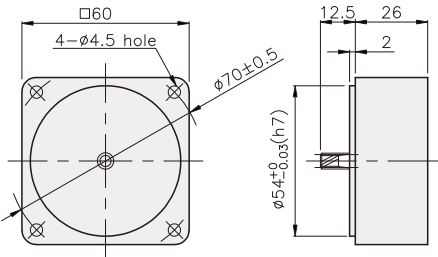


DIMENSIONS

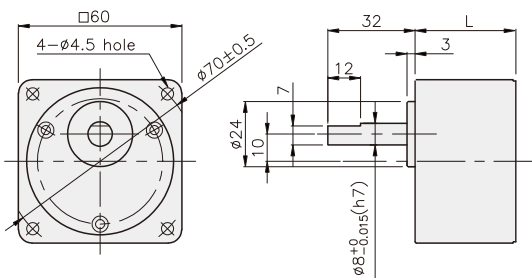
K6G□B(C)



DECIMAL GEARHEAD
K6G10BX



GEARHEAD
K6G□B(C)



REVERSIBLE MOTOR

GEARHEAD

DIMENSIONS

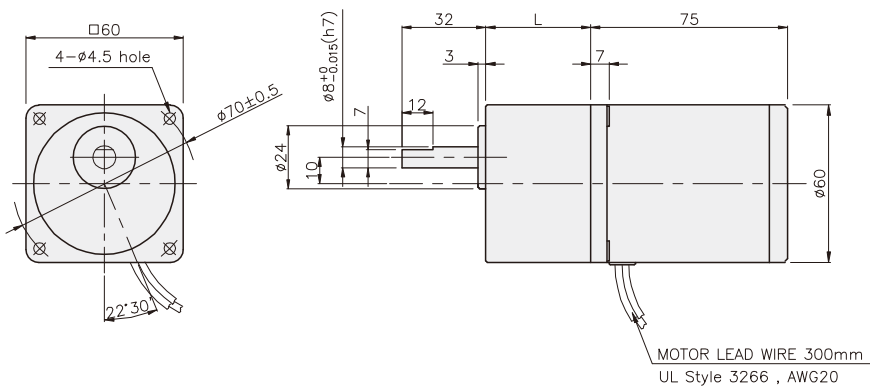
K6RG6N□ + K6G□B(C)



K6RG6N□-T + K6G□B(C)



K6RG6N□ + K6G□B(C)



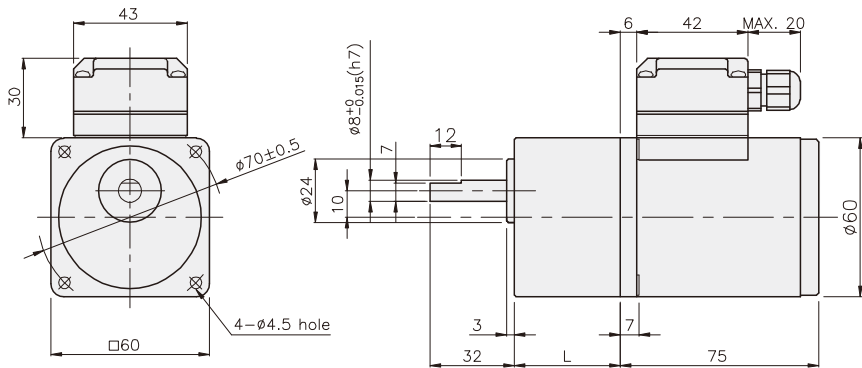
치수도표

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		0,72
DECIMAL GEARHEAD		0,22
GEAR HEAD	K6G3~18B(C)	0,26
	K6G20~40B(C)	0,33
	K6G50~250B(C)	0,36

K6RG6N□-T + 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		0,76
DECIMAL GEARHEAD		0,22
GEAR HEAD	K6G3~18B(C)	0,26
	K6G20~40B(C)	0,33
	K6G50~250B(C)	0,36

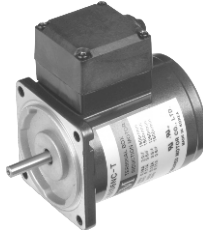
REVERSIBLE MOTOR

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	0.115/1.15	0.12/1.2	1250	2	
			60		0.28	0.1/1		1500
K7R□15NC(–T)		220	50	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) * 기종 명 끝에 NU품번은 UL규격 인증 제품입니다. UL FILE NO. E204632

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

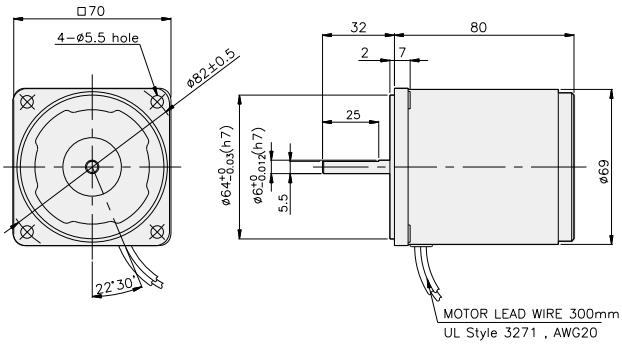
- * GEARHEAD·DECIMAL GEARHEAD는 별매입니다.
- * GEARHEAD의 품명중 □에는 감속비가 들어갑니다.
- * 색이 MOTOR와 같은 방향, 그 외에는 반대 방향입니다.
- * 표의 감속비보다 더 감속하고자 할 경우는 GEARHEAD와 MOTOR 사이에 감속비 10의 DECIMAL GEARHEAD를 설치할 수 있습니다. 이 경우의 허용 TORQUE는 5 N·m / 50 kgf·cm 입니다.
- * 회전수는 MOTOR의 동기 회전수 (50 Hz : 1500 rpm, 60 Hz : 1800 rpm)를 기준으로 하여 감속비로 나누어서 계산하였습니다. 실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.

REVERSIBLE MOTOR

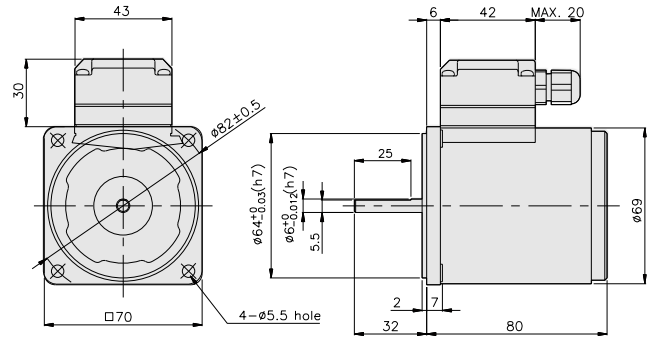
GEARHEAD

DIMENSIONS

K7RS15N□

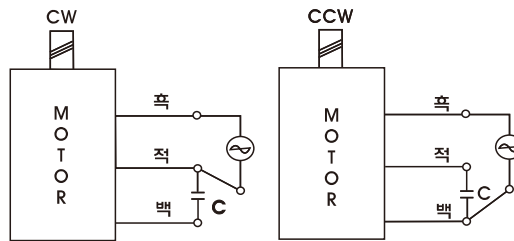


K7RS15N□-T



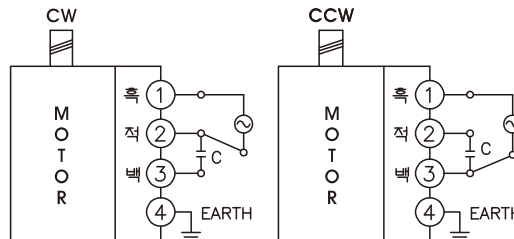
CONNECTION DIAGRAMS

K7RS15N□

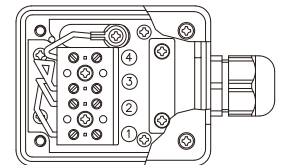


회전방향은 출력축에서 볼 경우

K7RS15N□-T



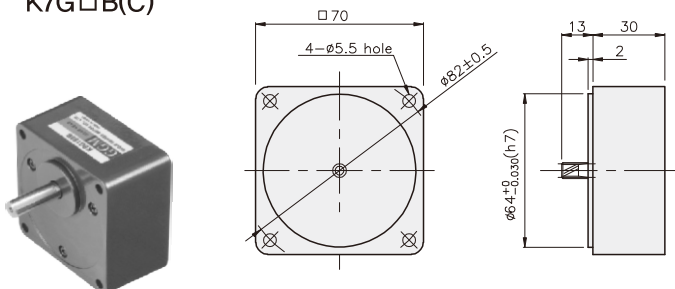
회전방향은 출력축에서 볼 경우



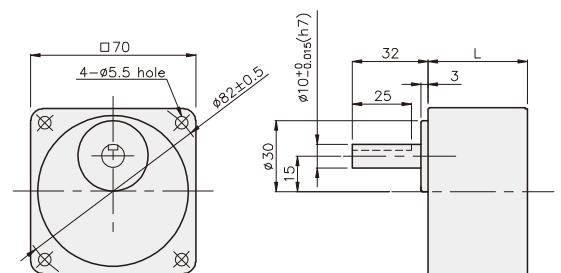
DIMENSIONS

DECIMAL GEARHEAD
K7G10BX

K7G□B(C)



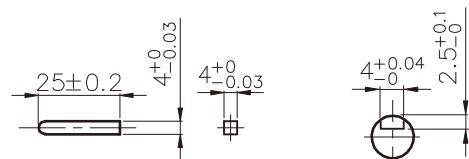
GEARHEAD
K7G□B(C)



KEY SPEC

● KEY

● KEY GROOVE



DIMENSIONS

K7RG15N□ + K7G□B(C)



K7RG15N□-T + K7G□B(C)



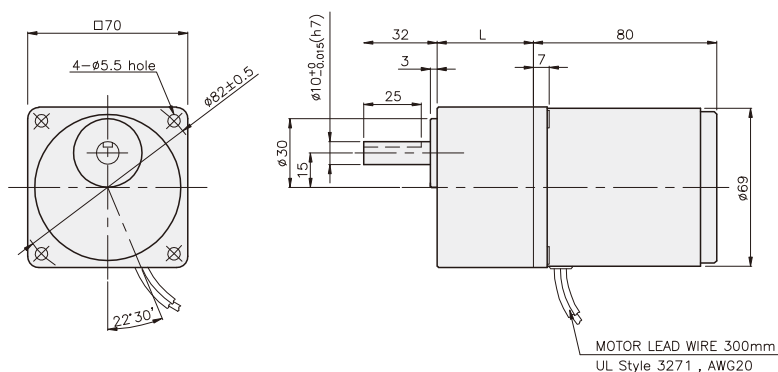
치수도표

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)



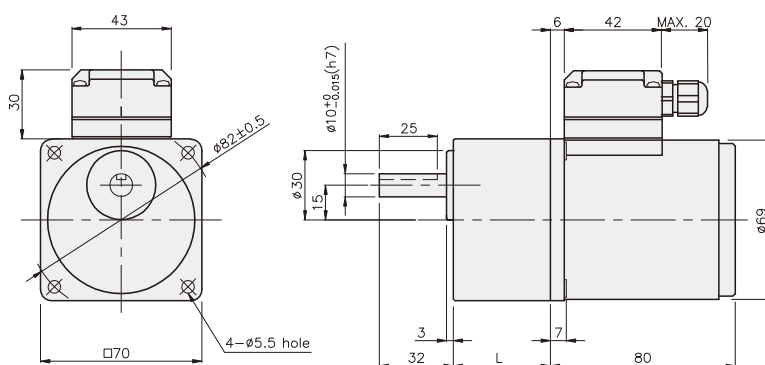
치수도표

품번	L	적용기종	취부 BOLT
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

K7RG15N□-T + K7G□B(C)



REVERSIBLE MOTOR

25W

□80mm

LEAD WIRE TYPE
TERMINAL BOX TYPE

K8RS25N□



K8RS25N□-T, T5



SPECIFICATIONS

25W 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)
K8R□25NJ(-T, -T5)	단상	100	50	0,65	0,15/1,5	0,195/1,95	1250	10
			60	0,74		0,165/1,65	1500	
K8R□25NU(-T, -T5)		110	60	0,51	0,13/1,3	0,165/1,65	1500	6
		115		0,54				
K8R□25NL(-T, -T5)		200	50	0,33	0,16/1,6	0,195/1,95	1250	2,5
			60	0,37		0,16/1,6	1550	
K8R□25NC(-T, -T5)		220	50	0,29	0,15/1,5	0,195/1,95	1250	2
			60	0,34		0,165/1,65	1500	
		230	50	0,35	0,165/1,65	0,195/1,95	1250	
			60	0,34		0,165/1,65	1500	
K8R□25ND(-T, -T5)		240	50	0,32	0,15/1,5	0,19/1,9	1300	1,5

* □ : SHAFT 형상 (S : STRAIGHT, G : PINION) * 기종 명 끝에 NU 품번은 UL규격 인증 제품입니다. UL FILE NO. E204632

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	6
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	250
K8R□25N□(-T, -T5) K8G□B(C)		0,46	0,55	0,77	0,92	1,15	1,39	1,54	1,92	2,31	2,77	2,77	3,46	4,16	4,99	5,54	6,23	7,48	8	8	8	8	8	8	8	8
		4,6	5,5	7,7	9,2	11,5	13,9	15,4	19,2	23,1	27,7	27,7	34,6	41,6	49,9	55,4	62,3	74,8	80	80	80	80	80	80	80	80

● 60Hz

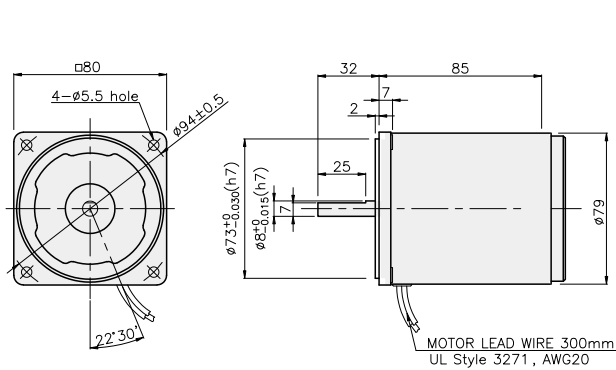
단위 = 상단 : N·m / 하단 : kgf·cm

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	7,2
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	250
K8R□25N□(-T, -T5) K8G□B(C)		0,39	0,47	0,65	0,78	0,97	1,17	1,30	1,62	1,94	2,33	2,33	2,92	3,50	4,20	4,67	5,25	6,30	7,87	8	8	8	8	8	8	8
		3,9	4,7	6,5	7,8	9,7	11,7	13,0	16,2	19,4	23,3	23,3	29,2	35,0	42,0	46,7	52,5	63,0	78,7	80	80	80	80	80	80	80

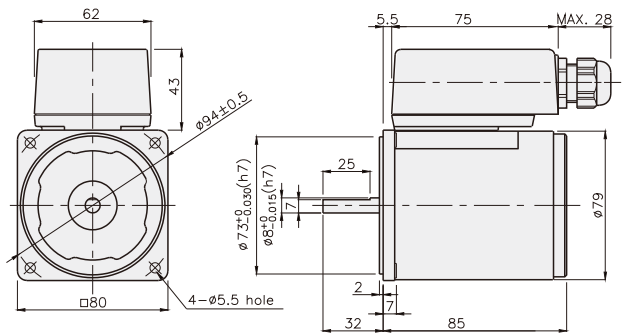
- * GEARHEAD-DECIMAL GEARHEAD는 별매입니다.
- * GEARHEAD의 품명중 □에는 감속비가 들어갑니다.
- * 색이 MOTOR와 같은 방향, 그 외에는 반대 방향입니다.
- * 표의 감속비보다 더 감속하고자 할 경우는 GEARHEAD와 MOTOR 사이에 감속비 10의 DECIMAL GEARHEAD를 설치할 수 있습니다. 이 경우의 허용 TORQUE는 8 N·m / 80 kgf·cm 입니다. 단, 1/20 ~ 1/40의 GEARHEAD를 설치한 경우는 6 N·m / 60 kgf·cm 입니다.
- * 회전수는 MOTOR의 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.

DIMENSIONS

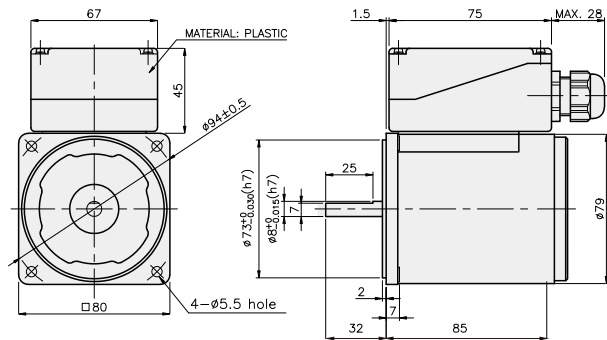
K8RS25N□



K8RS25N□-T

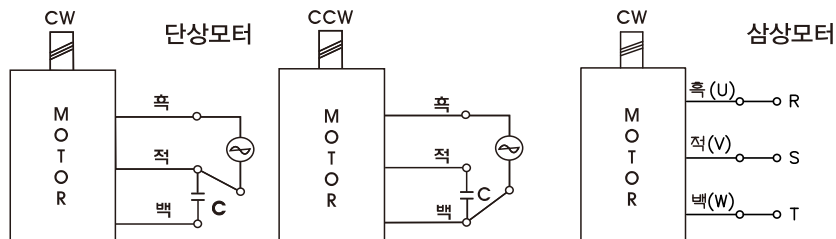


K8RS25N□-T5



CONNECTION DIAGRAMS

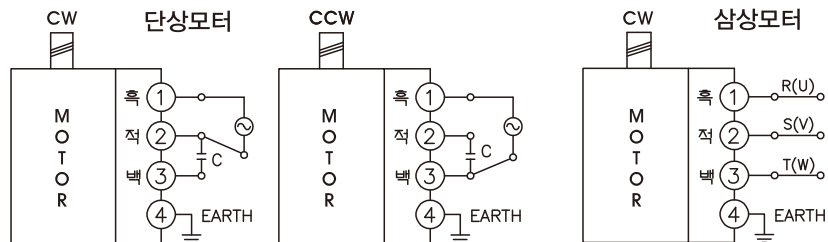
K8RS25N□



회전방향은 출력축에서 볼 경우

CCW는 U,V,W중 2선을 바꾸어 결선

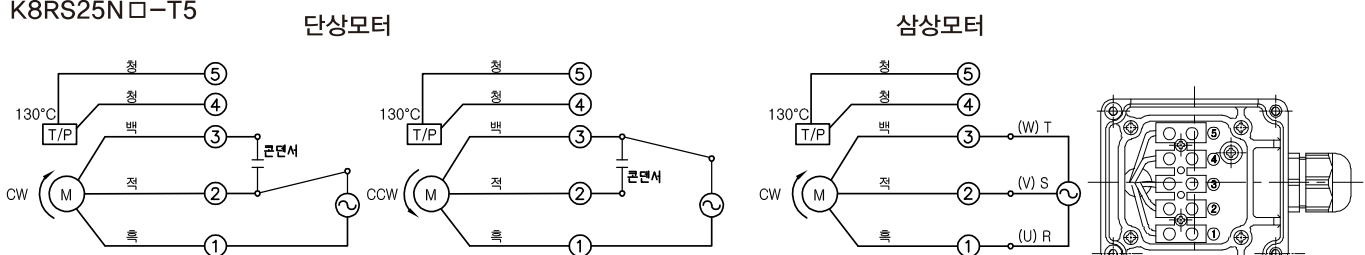
K8RS25N□-T



회전방향은 출력축에서 볼 경우

CCW는 U,V,W중 2선을 바꾸어 결선

K8RS25N□-T5



회전방향은 출력축에서 볼 경우

CCW는 U,V,W중 2선을 바꾸어 결선

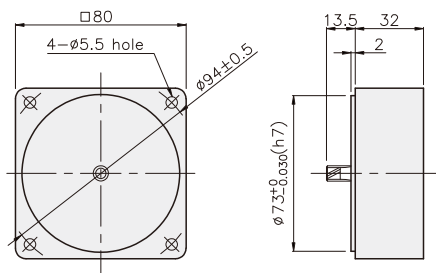
GEARHEAD

DIMENSIONS

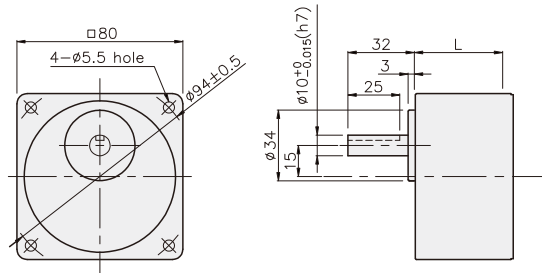
K8G□B(C)



DECIMAL GEARHEAD
K8G10BX

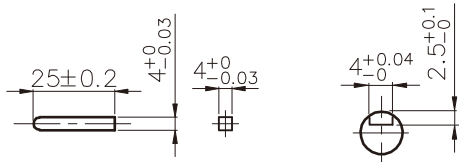


GEARHEAD
K8G□B(C)



KEY SPEC

- KEY
- KEY GROOVE



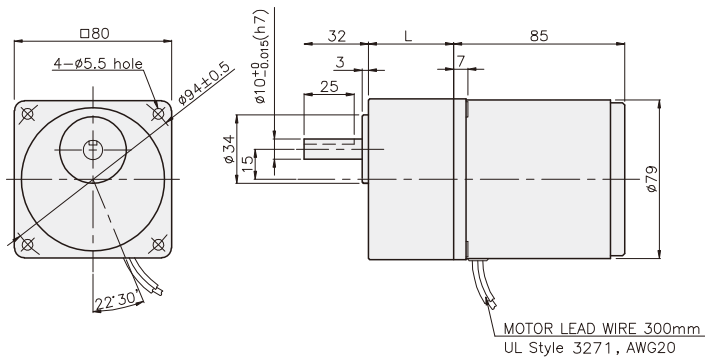
GEARHEAD

DIMENSIONS

K8RG25N□ + K8G□B(C) K8RG25N□-T(-T5) + K8G□B(C)



K8RG25N□ + K8G□B(C)



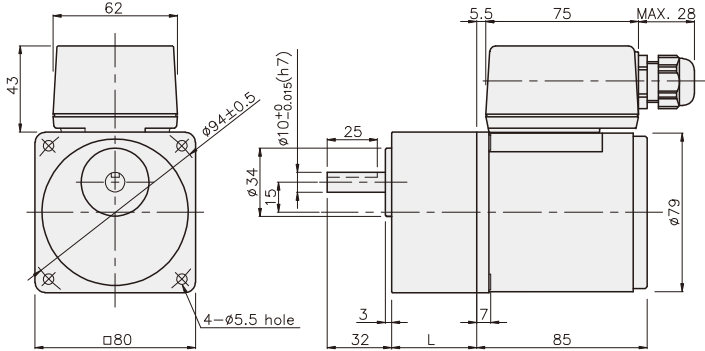
치수도표

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		1.54
DECIMAL GEARHEAD		0.46
GEAR HEAD	K8G3~18B(C)	0.51
	K8G20~40B(C)	0.64
	K8G50~250B(C)	0.70

K8RG25N□-T + K8G□B(C)



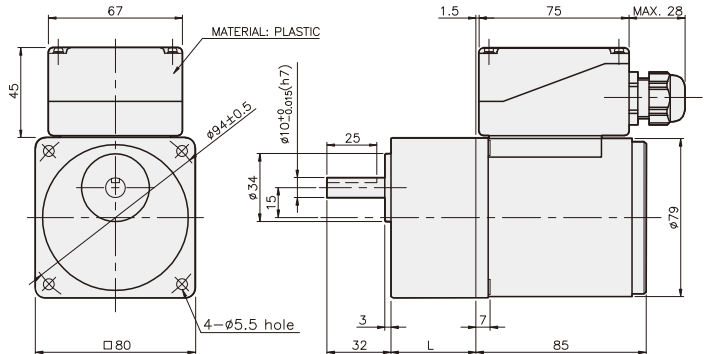
치수도표

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		1.76
DECIMAL GEARHEAD		0.46
GEAR HEAD	K8G3~18B(C)	0.51
	K8G20~40B(C)	0.64
	K8G50~250B(C)	0.70

K8RG25N□-T5 + K8G□B(C)



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		1.76
DECIMAL GEARHEAD		0.46
GEAR HEAD	K8G3~18B(C)	0.51
	K8G20~40B(C)	0.64
	K8G50~250B(C)	0.70

REVERSIBLE MOTOR

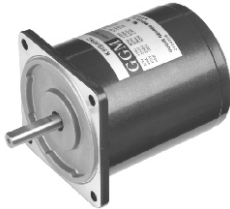
REVERSIBLE MOTOR

40W

□90mm

LEAD WIRE TYPE
TERMINAL BOX TYPE

K9RS40N□



K9RS40N□-T, T5



SPECIFICATIONS

40W 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)
K9R□40NJ(-T, -T5)		100	50	1	0,3/3	0,315/3,15	1250	16
			60	1,13	0,33/3,3	0,255/2,55	1550	
K9R□40NU(-T, -T5)		110	60	0,8	0,2/2	0,26/2,6	1500	10
		115		0,83	0,22/2,2			
K9R□40NL(-T, -T5)	단상	200	50	0,45	0,3/3	0,315/3,15	1250	4
			60	0,57		0,26/2,6	1500	
K9R□40NC(-T, -T5)		220	50	0,46	0,3/3	0,315/3,15	1250	3,5
			60	0,55	0,32/3,2	0,26/2,6	1500	
		230	50	0,55	0,4/4	0,315/3,15	1250	
			60	0,58	0,36/3,6	0,26/2,6	1500	
K9R□40ND(-T, -T5)		240	50	0,41	0,34/3,4	0,3/3	1300	3

* □ : SHAFT 형상 (S : STRAIGHT, G : PINION) * 기종 명 끝에 NU 품번은 UL규격 인증 제품입니다. UL FILE NO. E204632

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
K9R□40N□(-T, -T5) K9G□B(C)		0,73	0,87	1,22	1,46	1,82	2,19	2,43	3,04	3,65	4,37	4,37	5,47	6,56	7,87	8,75	10	10	10	10	10	10	10	10	10
		7,3	8,7	12,2	14,6	18,2	21,9	24,3	30,4	36,5	43,7	43,7	54,7	65,6	78,7	87,5	100	100	100	100	100	100	100	100	100

● 60Hz

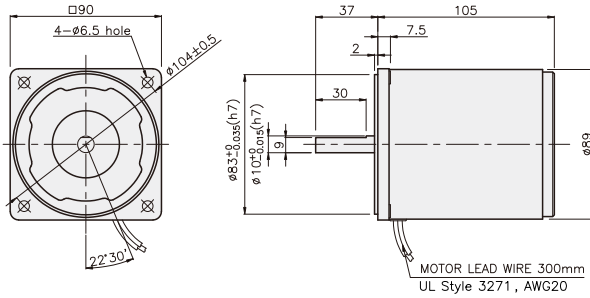
단위 = 상단 : N·m / 하단 : kgf·cm

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
K9R□40N□(-T, -T5) K9G□B(C)		0,62	0,74	1,03	1,24	1,55	1,86	2,07	2,58	3,10	3,72	3,72	4,65	5,58	6,69	7,44	8,37	10	10	10	10	10	10	10	10
		6,2	7,4	10,3	12,4	15,5	18,6	20,7	25,8	31,0	37,2	37,2	46,5	55,8	66,9	74,4	83,7	100	100	100	100	100	100	100	100

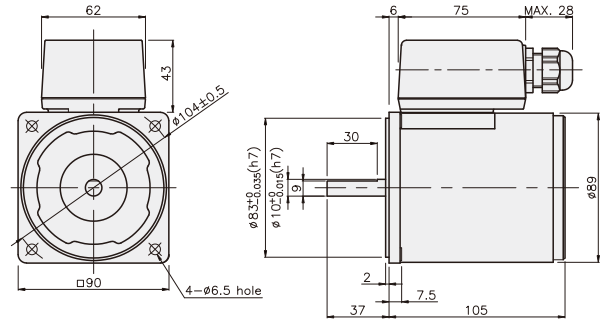
- * GEARHEAD·DECIMAL GEARHEAD는 별매입니다.
- * GEARHEAD의 품명중 □에는 감속비가 들어갑니다.
- * 색이 MOTOR와 같은 방향, 그 외에는 반대 방향입니다.
- * 표의 감속비보다 더 감속하고자 할 경우는 GEARHEAD와 MOTOR 사이에 감속비 10의 DECIMAL GEARHEAD를 설치할 수 있습니다.
이 경우의 허용 TORQUE는 10 N·m / 100 kgf·cm 입니다.
- * 회전수는 MOTOR의 동기 회전수 (50 Hz : 1500 rpm, 60 Hz : 1800 rpm)를 기준으로 하여 감속비로 나누어서 계산하였습니다.
실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.

DIMENSIONS

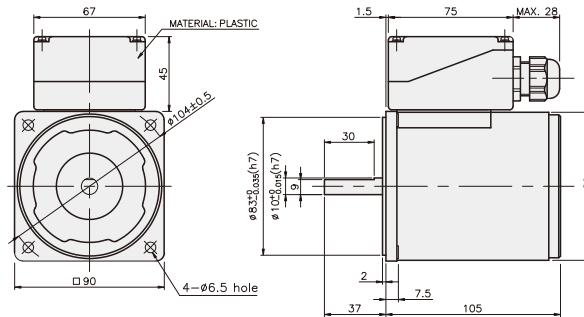
K9RS40N□



K9RS40N□-T

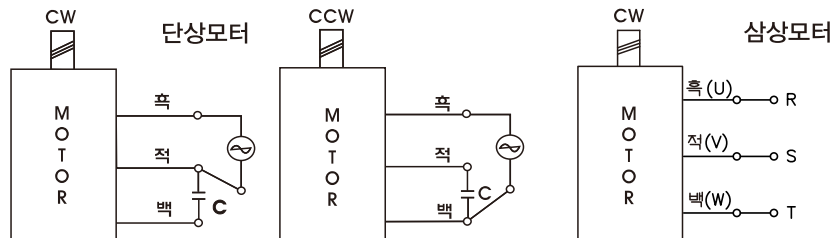


K9RS40N□-T5



CONNECTION DIAGRAMS

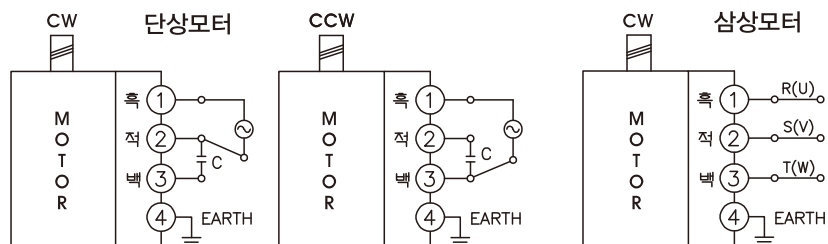
K9RS40N□



회전방향은 출력축에서 볼 경우

CCW는 U,V,W중 2선을 바꾸어 결선

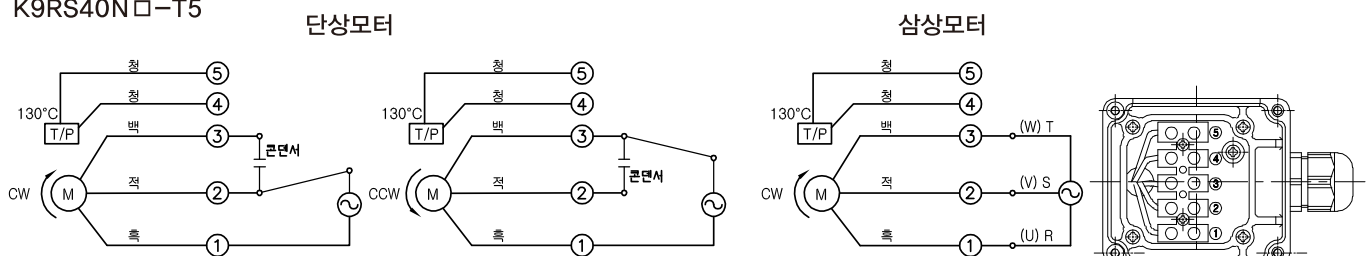
K9RS40N□-T



회전방향은 출력축에서 볼 경우

CCW는 U,V,W중 2선을 바꾸어 결선

K9RS40N□-T5



회전방향은 출력축에서 볼 경우

CCW는 U,V,W중 2선을 바꾸어 결선

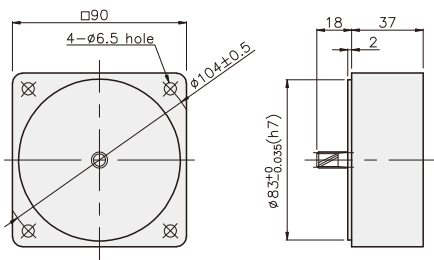
GEARHEAD

DIMENSIONS

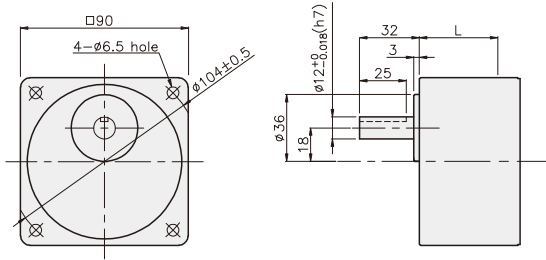
K9G□B(C)



DECIMAL GEARHEAD
K9G10BX

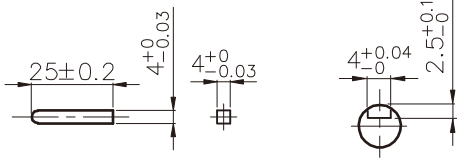


GEARHEAD
K9G□B(C)



KEY SPEC

- KEY
- KEY GROOVE



DIMENSIONS

K9RG40N□ + K9G□B(C) K9RG40N□-T(-T5) + K9G□B(C)



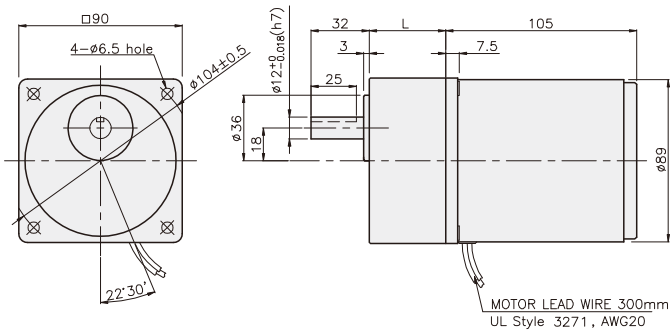
치수도표

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

K9RG40N□ + K9G□B(C)



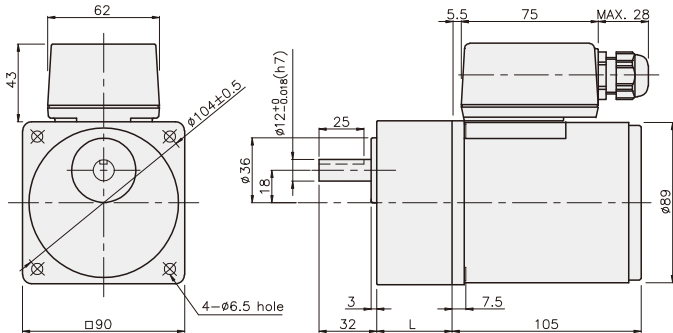
치수도표

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		2,52
DECIMAL GEARHEAD		0,60
GEAR HEAD	K9G3~18B(C)	0,78
	K9G20~40B(C)	1,04
	K9G50~200B(C)	1,14

K9RG40N□-T + K9G□B(C)



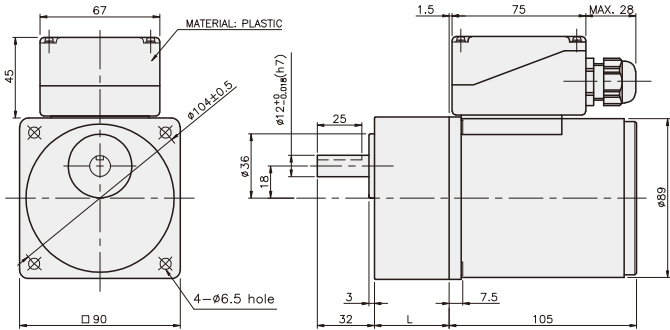
치수도표

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		2,52
DECIMAL GEARHEAD		0,60
GEAR HEAD	K9G3~18B(C)	0,78
	K9G20~40B(C)	1,04
	K9G50~200B(C)	1,14

K9RG40N□-T5 + K9G□B(C)



REVERSIBLE MOTOR

REVERSIBLE MOTOR

60W

□90mm

LEAD WIRE TYPE
TERMINAL BOX TYPE

K9RS60F□



K9RS60F□-T, T5



SPECIFICATIONS

60W 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)
K9R□60FJ(–T, –T5)	단상	100	50	1.48	0.48/4.8	0.47/4.7	1250	25
			60	1.66		0.38/3.8	1550	
K9R□60FU(–T, –T5)		110	60	1.25	0.4/4	0.38/3.8	1550	17
		115		1.31				
K9R□60FL(–T, –T5)		200	50	0.72	0.5/5	0.47/4.7	1250	6
			60	0.76	0.44/4.4	0.39/3.9	1500	
K9R□60FC(–T, –T5)		220	50	0.69	0.45/4.5	0.47/4.7	1250	5
			60	0.76	0.48/4.8	0.38/3.8	1550	
		230	50	0.77	0.5/5	0.47/4.7	1250	
			60	0.79		0.38/3.8	1550	
K9R□60FD(–T, –T5)		240	50	0.75	0.5/5	0.47/4.7	1250	5

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

RATED TORQUE OF GEARHEAD

● 50Hz 단위 = 상단 : N·m / 하단 : kgf·cm

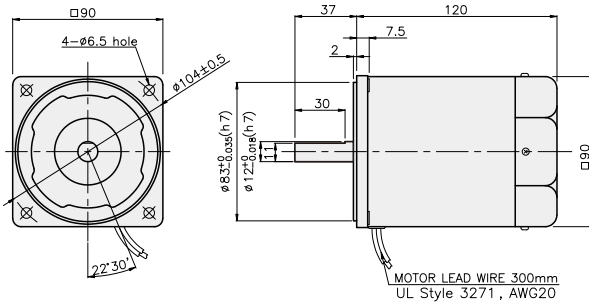
Model	Speed(rpm)	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12.5	10	8.3	7.5
Motor/ Gearhead	Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
K9R□60F□(-T, -T5) K9P□B, BF		1.14	1.37	1.90	2.28	2.86	3.43	3.81	4.28	5.14	6.17	6.85	7.71	9.25	11.10	12.33	15.42	18.50	20	20	20	20	20	20	20
		11.4	13.7	19.0	22.8	28.6	34.3	38.1	42.8	51.4	61.7	68.5	77.1	92.5	111.0	123.3	154.2	185	200	200	200	200	200	200	200

● 60Hz 단위 = 상단 : N·m / 하단 : kgf·cm

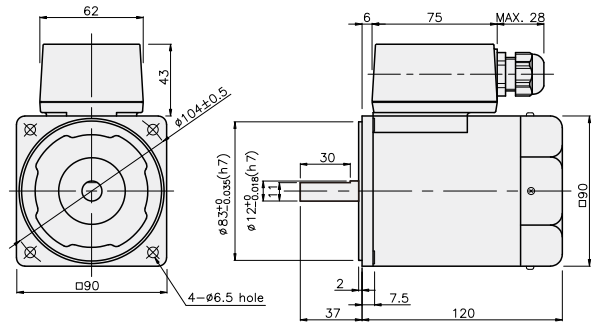
Model	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
Motor/ Gearhead	Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
K9R□60F□(-T, -T5) K9P□B, BF		0.92	1.11	1.54	1.85	2.31	2.77	3.08	3.46	4.16	4.99	5.54	6.23	7.48	8.98	9.97	12.47	14.96	16.83	20	20	20	20	20	20
		9.2	11.1	15.4	18.5	23.1	27.7	30.8	34.6	41.6	49.9	55.4	62.3	74.8	89.8	99.7	124.7	149.6	168.3	200	200	200	200	200	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.

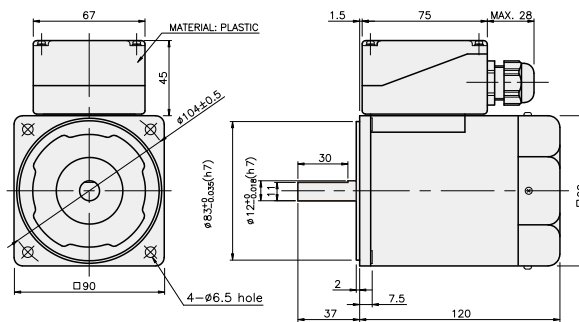
K9RS60F□



K9RS60F□-T

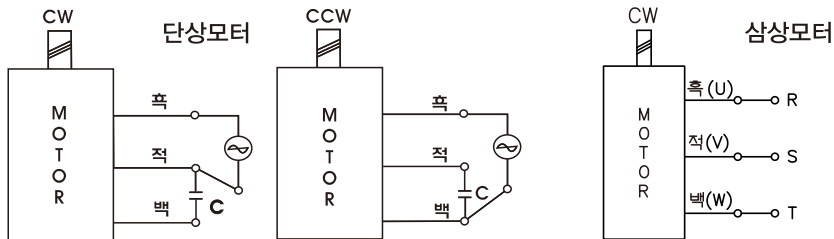


K9RS60F□-T5



CONNECTION DIAGRAMS

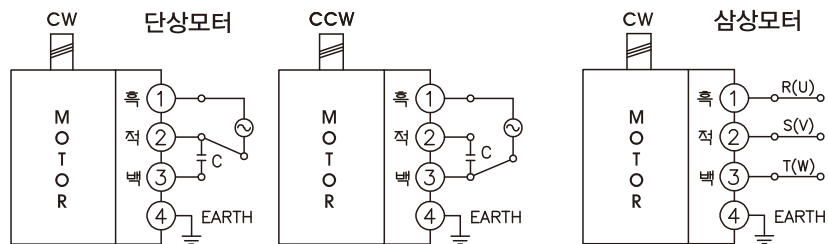
K9RS60F□



회전방향은 출력축에서 볼 경우

CCW는 U,V,W중 2선을 바꾸어 결선

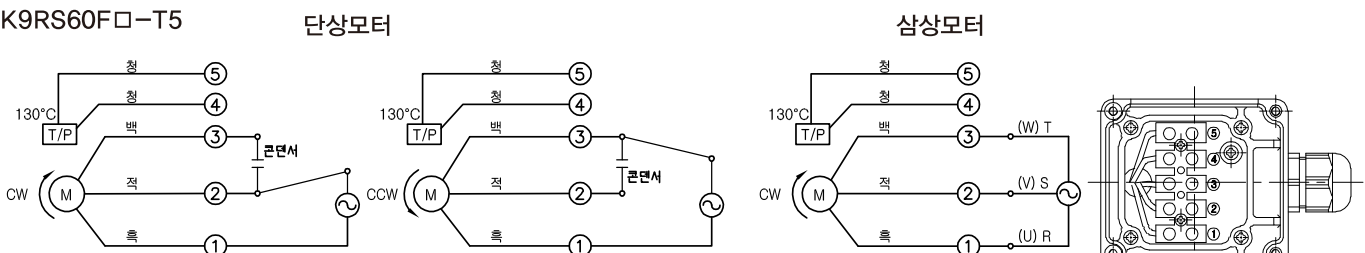
K9RS60F□-T



회전방향은 출력축에서 볼 경우

CCW는 U,V,W중 2선을 바꾸어 결선

K9RS60F□-T5



회전방향은 출력축에서 볼 경우

CCW는 U,V,W중 2선을 바꾸어 결선

GEARHEAD

DIMENSIONS

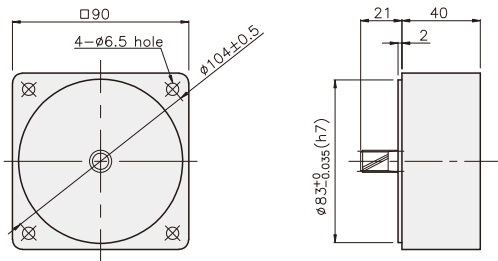
K9P□B



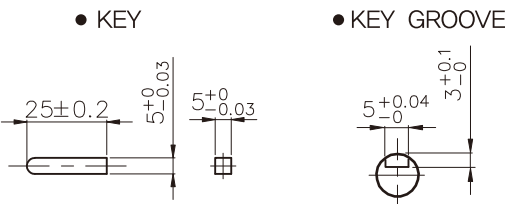
K9P□BF



DECIMAL GEARHEAD
K9P10BX

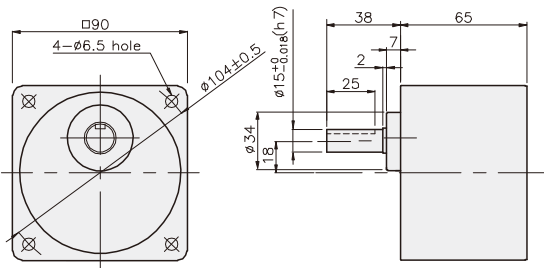


KEY SPEC

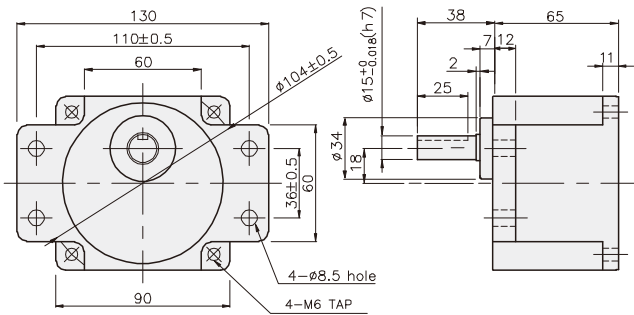


GEARHEAD

K9P□B



K9P□BF



DIMENSIONS

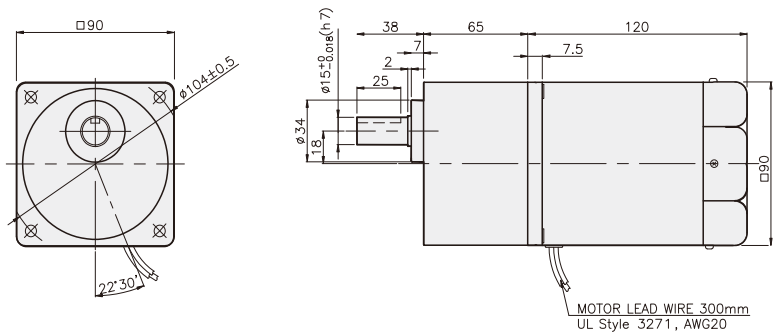
K9RP60F□ + K9P□B



K9RP60F□ + K9P□BF



K9RP60F□ + K9P□B



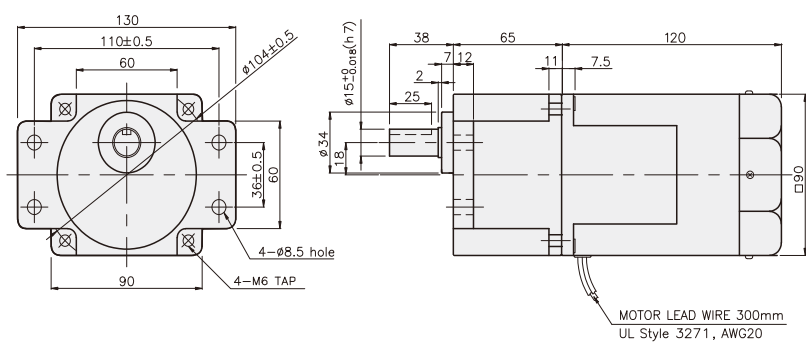
치수도표

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

무게

PART	WEIGHT(kg)
MOTOR	2,55
DECIMAL GEARHEAD	0,62
GEAR HEAD	
K9P3~10B	1,22
K9P12.5~20B	1,32
K9P25~60B	1,42
K9P75~200B	1,45

K9RP60F□ + 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	2,55
DECIMAL GEARHEAD	0,62
GEAR HEAD	
K9P3~10BF	1,22
K9P12.5~20BF	1,30
K9P25~60BF	1,42
K9P75~200BF	1,44

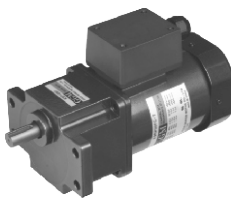
GEARHEAD

DIMENSIONS

K9RP60F□-T + K9P□B



K9RP60F□-T + K9P□BF



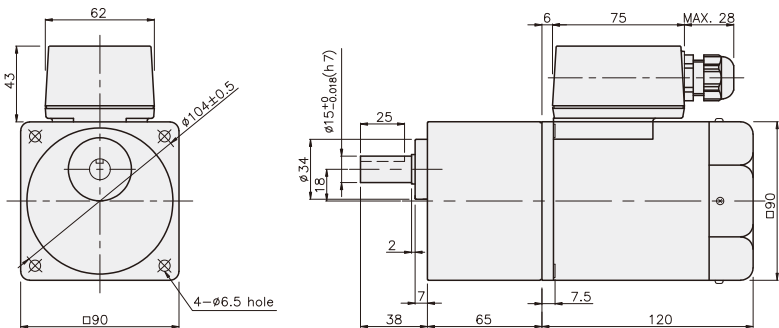
치수도표

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

무게

PART		WEIGHT(kg)
MOTOR		2,68
DECIMAL GEARHEAD		0,62
GEAR HEAD	K9P3~10B	1,22
	K9P12.5~20B	1,32
	K9P25~60B	1,42
	K9P75~200B	1,45

K9RP60F□-T + K9P□B



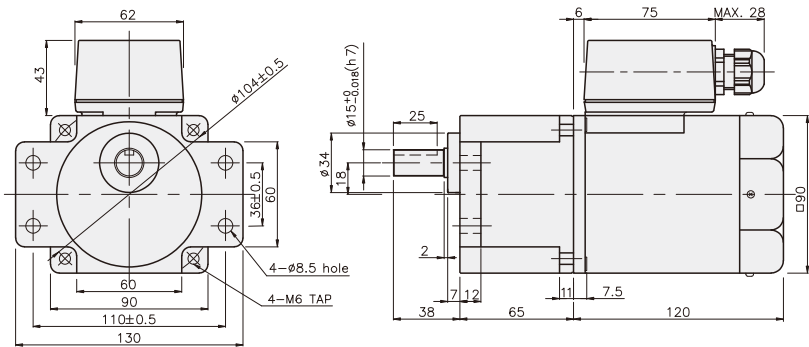
치수도표

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

무게

PART		WEIGHT(kg)
MOTOR		2,68
DECIMAL GEARHEAD		0,62
GEAR HEAD	K9P3~10BF	1,22
	K9P12.5~20BF	1,30
	K9P25~60BF	1,42
	K9P75~200BF	1,44

K9RP60F□-T + K9P□BF



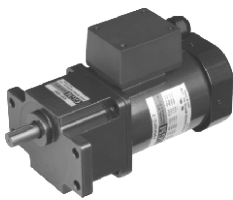
GEARHEAD

DIMENSIONS

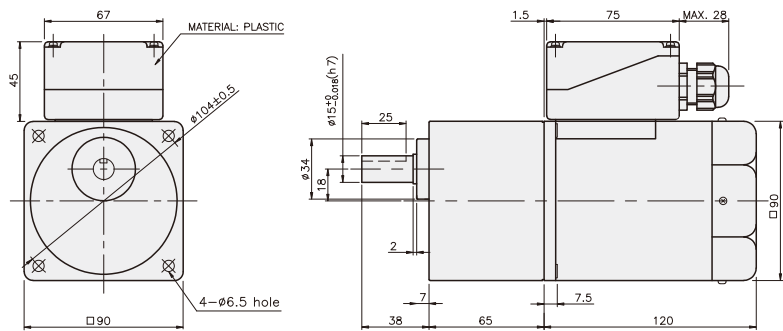
K9RP60F□-T5 + K9P□B



K9RP60F□-T5 + K9P□BF



K9RP60F□-T5 + K9P□B



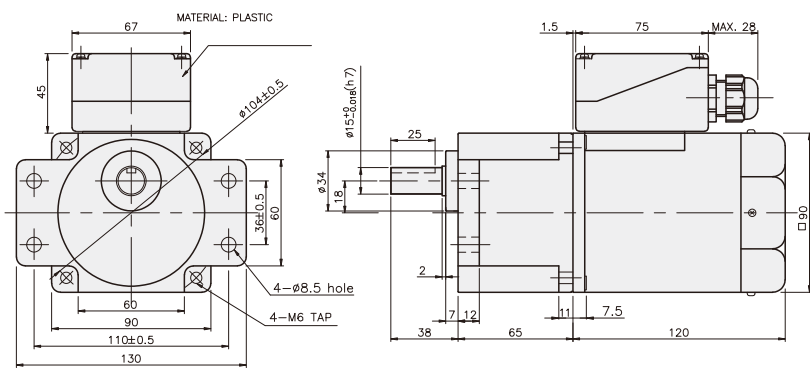
치수도표

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

무게

PART	WEIGHT(kg)
MOTOR	2,68
DECIMAL GEARHEAD	0,62
GEAR HEAD	
K9P3~10B	1,22
K9P12.5~20B	1,32
K9P25~60B	1,42
K9P75~200B	1,45

K9RP60F□-T5 + 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	2,68
DECIMAL GEARHEAD	0,62
GEAR HEAD	
K9P3~10BF	1,22
K9P12.5~20BF	1,30
K9P25~60BF	1,42
K9P75~200BF	1,44

REVERSIBLE MOTOR

REVERSIBLE MOTOR

90W

□90mm

LEAD WIRE TYPE
TERMINAL BOX TYPE

K9RS90F□



K9RS90F□-T, T5



SPECIFICATIONS

90W 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)
K9R□90FJ(–T, –T5)	단상	100	50	2.52	0.6/6	0.705/7.05	1250	35
			60	2.42		0.57/5.7	1550	
K9R□90FU(–T, –T5)		110	60	1.88	0.55/5.5	0.57/5.7	1550	25
		115		2.12				
K9R□90FL(–T, –T5)		200	50	0.9	0.55/5.5	0.705/7.05	1250	8
			60	1.1		0.57/5.7	1550	
K9R□90FC(–T, –T5)		220	50	1	0.5/5	0.705/7.05	1250	7
			60	1.1	0.53/5.3	0.57/5.7	1550	
		230	50	1.3	0.6/6	0.705/7.05	1250	
			60	1.1		0.57/5.7	1550	
K9R□90FD(–T, –T5)		240	50	0.94	0.55/5.5	0.705/7.05	1250	6

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

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
K9R□90F□(-T, -T5) K9P□B, BF		1,71	2,06	2,86	3,43	4,28	5,14	5,71	6,42	7,71	9,25	10,28	11,56	13,88	16,65	18,5	20	20	20	20	20	20	20	20	20
		17,1	20,6	28,6	34,3	42,8	51,4	57,1	64,2	77,1	92,5	102,8	115,6	138,8	166,5	185,0	200	200	200	200	200	200	200	200	200

● 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
K9R□90F□(-T, -T5) K9P□B, BF		1,39	1,66	2,31	2,77	3,46	4,16	4,62	5,19	6,23	7,48	8,31	9,35	11,22	13,46	14,96	18,7	20	20	20	20	20	20	20	20
		13,9	16,6	23,1	27,7	34,6	41,6	46,2	51,9	62,3	74,8	83,1	93,5	112,2	134,6	149,6	187	200	200	200	200	200	200	200	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

● 50Hz 단위 = 상단 : N·m / 하단 : kgf·cm

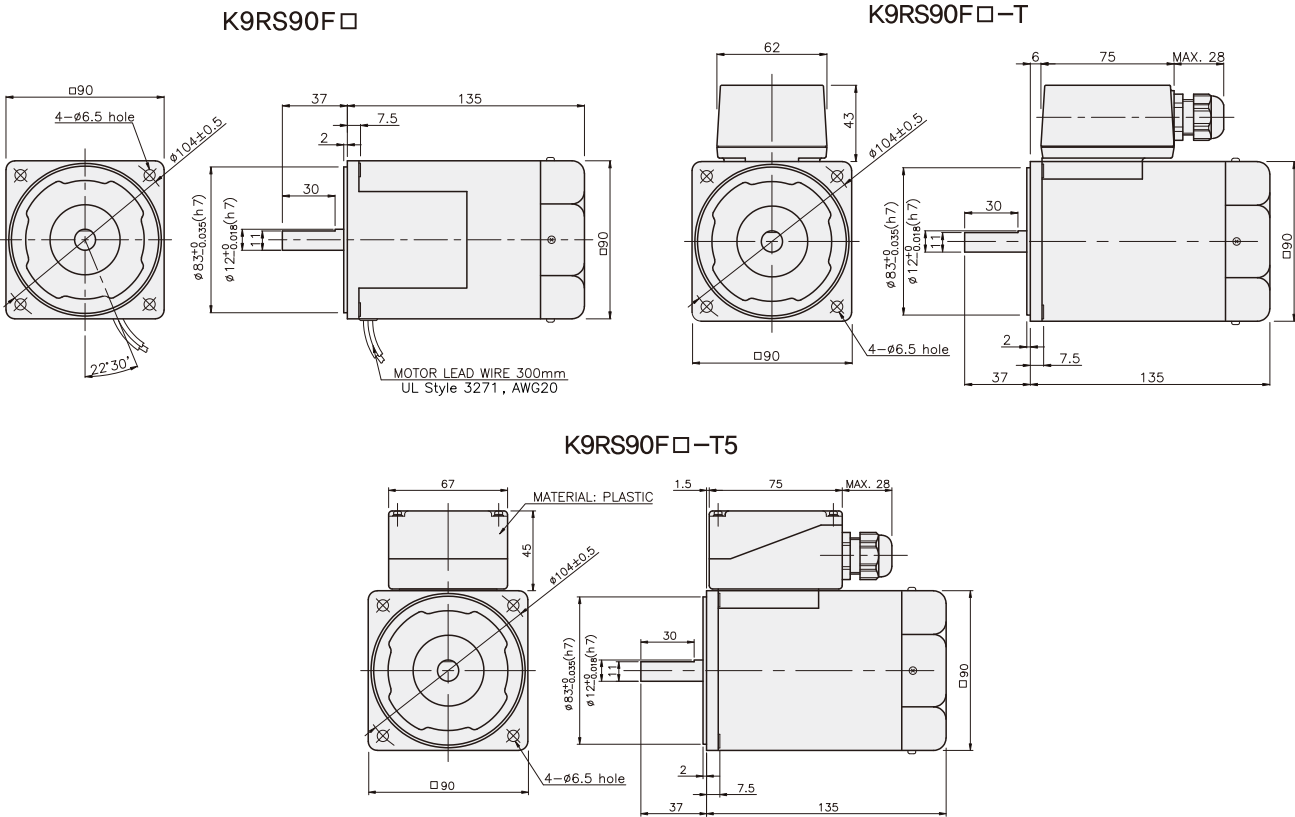
Model	Speed(rpm)	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	13	10	8,3	7,5
Motor/ Gearhead	Ratio	3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
K9R□90F□(-T, -T5) K9RP□BU, BUF		1,71	2,06	2,86	3,43	4,28	5,14	5,71	6,42	7,71	9,25	10,28	11,56	13,88	16,65	18,50	23,13	27,75	30	30	30	30	30	30	30
		17,1	20,6	28,6	34,3	42,8	51,4	57,1	64,2	77,1	92,5	102,8	115,6	138,8	165,6	185,0	231,3	277,5	300	300	300	300	300	300	300

● 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
K9R□90F□(-T, -T5) K9RP□BU, BUF		1,39	1,66	2,31	2,77	3,46	4,16	4,62	5,19	6,23	7,48	8,31	9,35	11,22	13,46	14,96	18,70	22,44	25,24	30	30	30	30	30	30
		13,9	16,6	23,1	27,7	34,6	41,6	46,2	51,9	62,3	74,8	83,1	93,5	112,2	134,6	149,6	187,0	224,4	252,4	300	300	300	300	300	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.

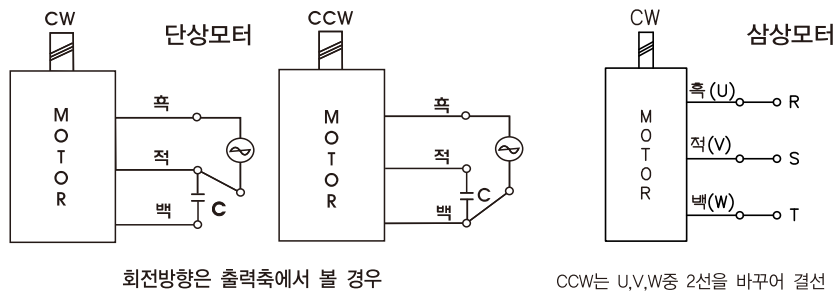
DIMENSIONS



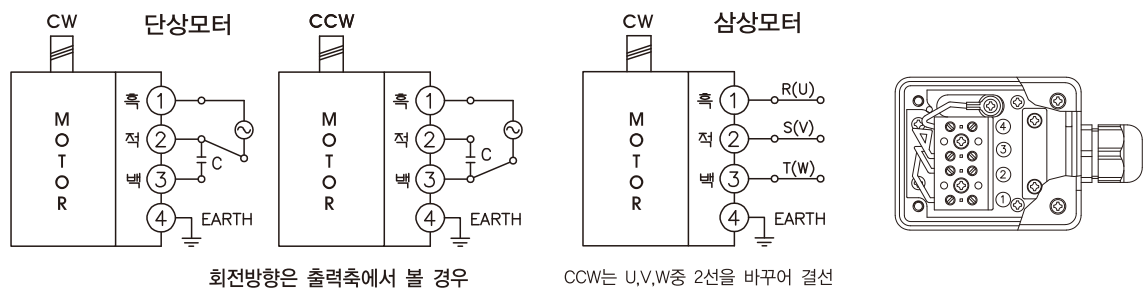
REVERSIBLE MOTOR

CONNECTION DIAGRAMS

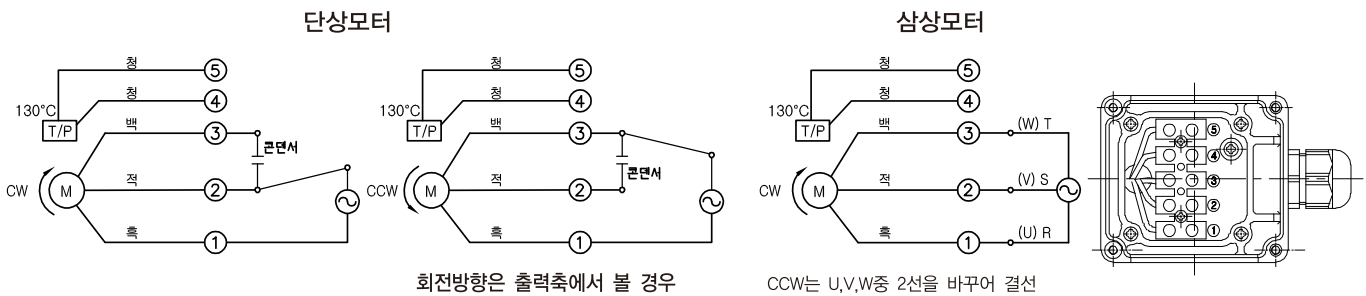
K9RS90F□



K9RS90F□-T



K9RS90F□-T5



GEARHEAD

DIMENSIONS

K9P□B



K9P□BF, BUF

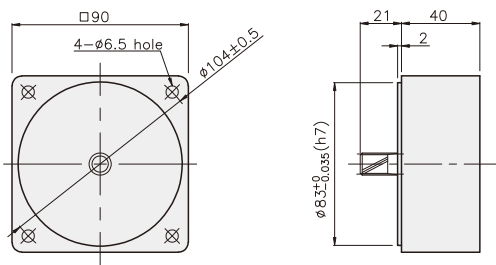


K9P□BU



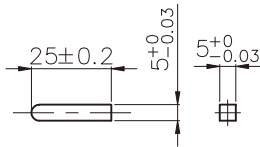
DECIMAL GEARHEAD

K9P10BX

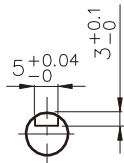


KEY SPEC

• KEY

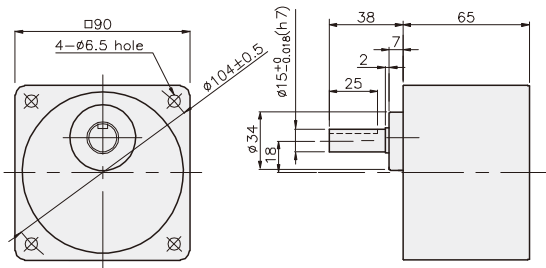


• KEY GROOVE

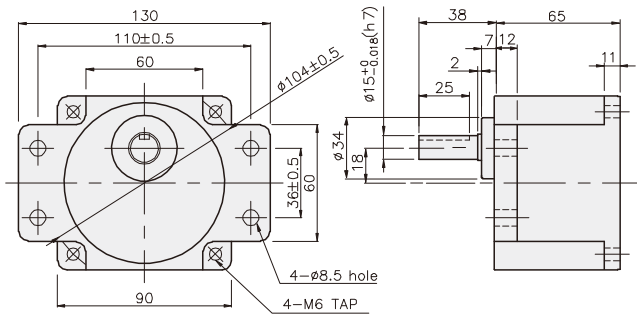


GEARHEAD

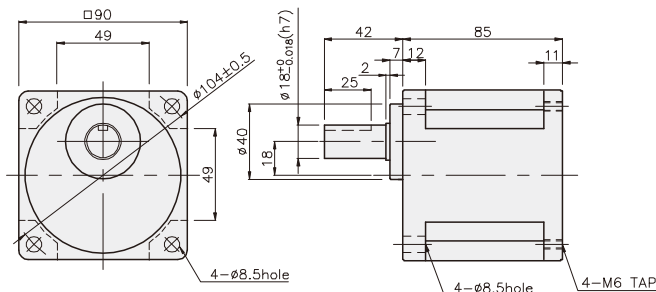
K9P□B



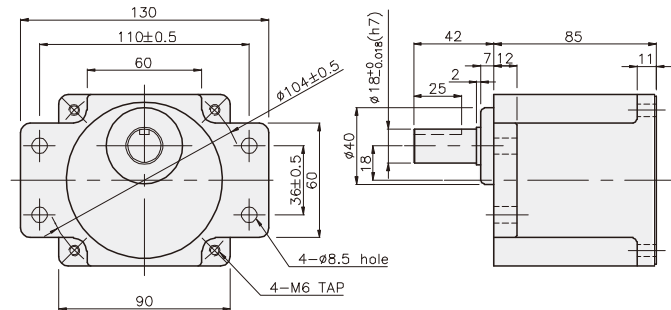
K9P□BF



K9P□BU



K9P□BUF



REVERSIBLE MOTOR

DIMENSIONS

K9RP90F□ + K9P□B



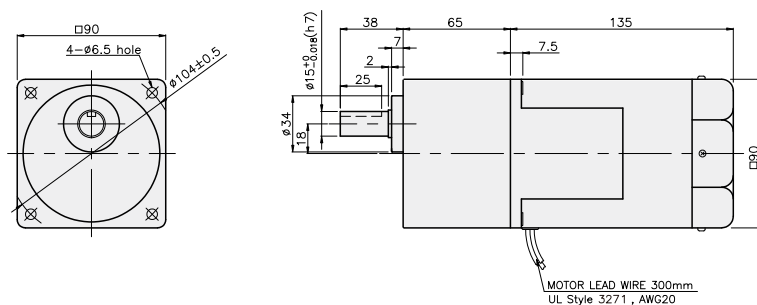
K9RP90F□ + K9P□BF, BUF



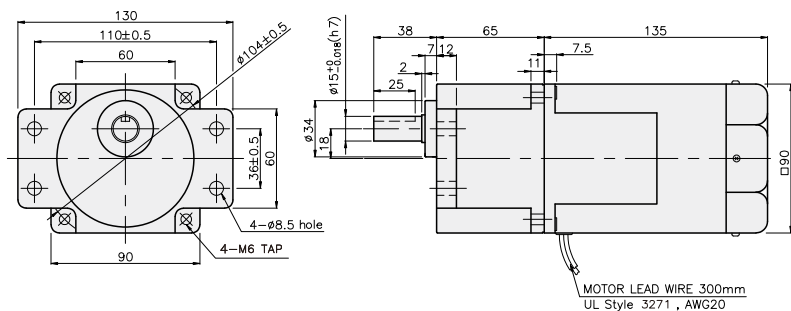
K9RP90F□ + K9P□BU



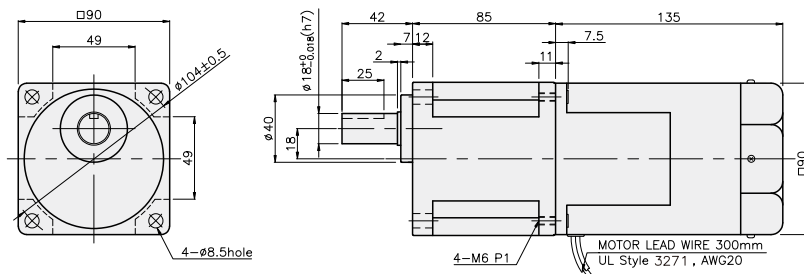
K9RP90F□ + K9P□B



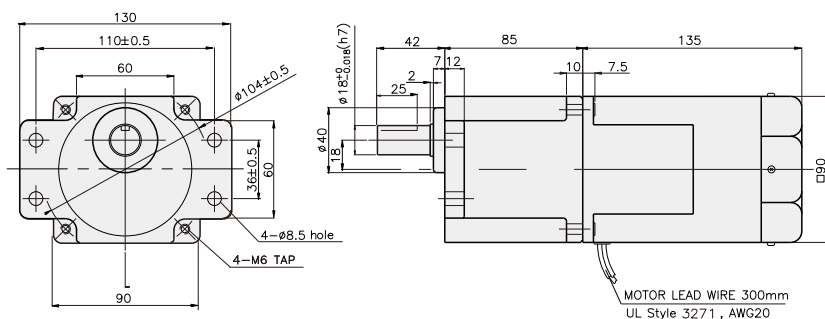
K9RP90F□ + K9P□BF



K9RP90F□ + K9P□BU



K9RP90F□ + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3.00
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

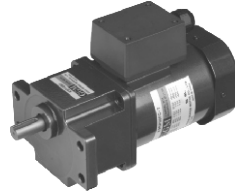
PART	WEIGHT(kg)
K9P3~10BUF	1.50
K9P12.5~20BUF	1.62
K9P25~60BUF	1.76
K9P75~200BUF	1.82

DIMENSIONS

K9RP90F□-T + K9P□B



K9RP90F□-T + K9P□BF, BUF



K9RP90F□-T + K9P□BU



무게

PART	WEIGHT(kg)
MOTOR	3,18
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

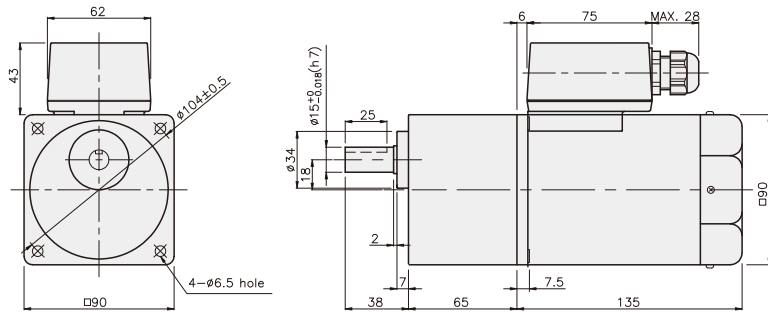
치수도표

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

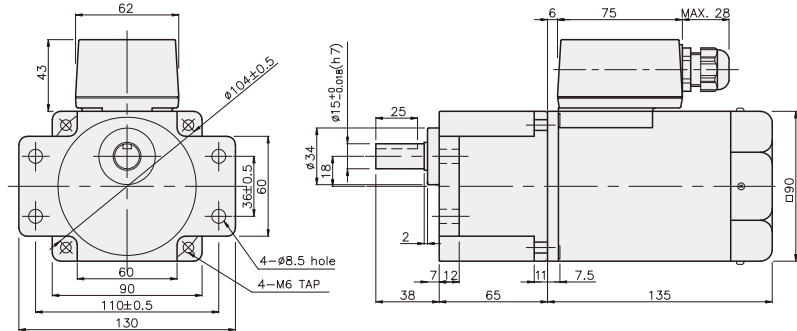
무게

PART	WEIGHT(kg)
K9P3~10BUF	1,50
K9P12,5~20BUF	1,62
K9P25~60BUF	1,76
K9P75~200BUF	1,82

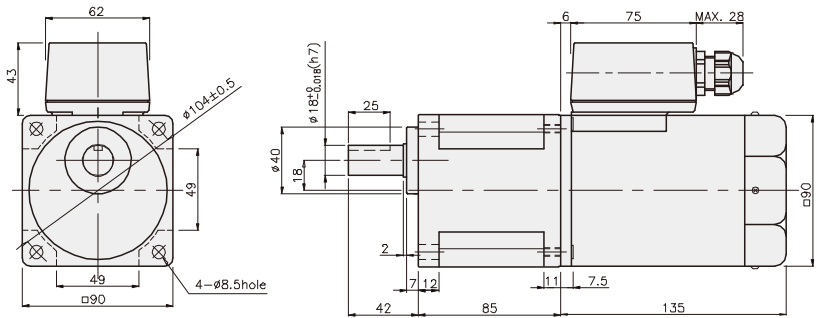
K9RP90F□-T + K9P□B



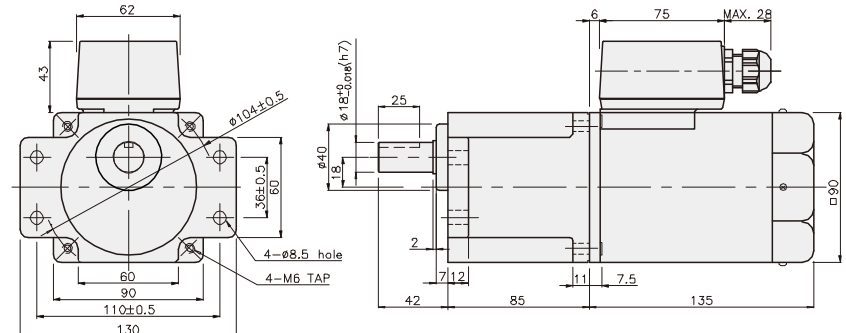
K9RP90F□-T + K9P□BF



K9RP90F□-T + K9P□BU



K9RP90F□-T + K9P□BUF



GEARHEAD

DIMENSIONS

K9RP90F□-T5 + K9P□B



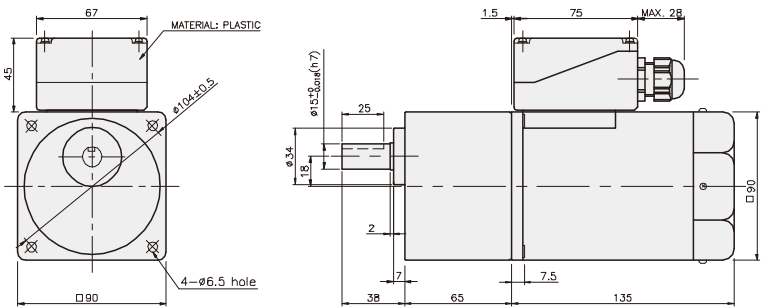
K9RP90F□-T5 + K9P□BF, BUF



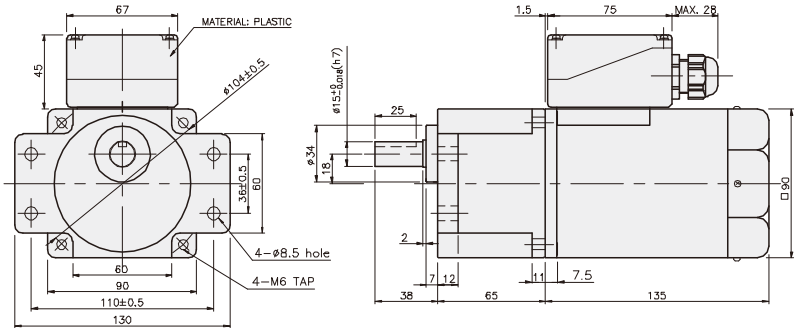
K9RP90F□-T5 + K9P□BU



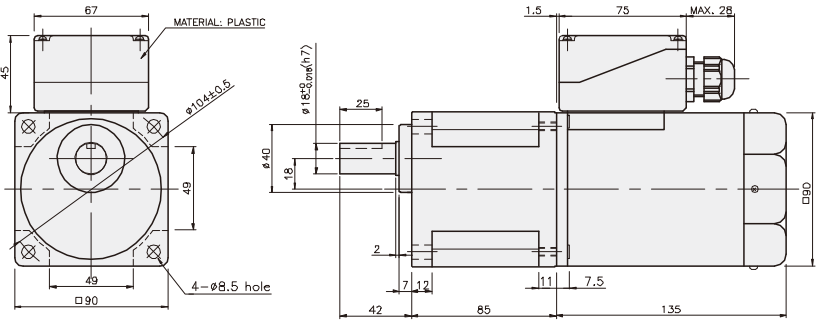
K9RP90F□-T5 + K9P□B



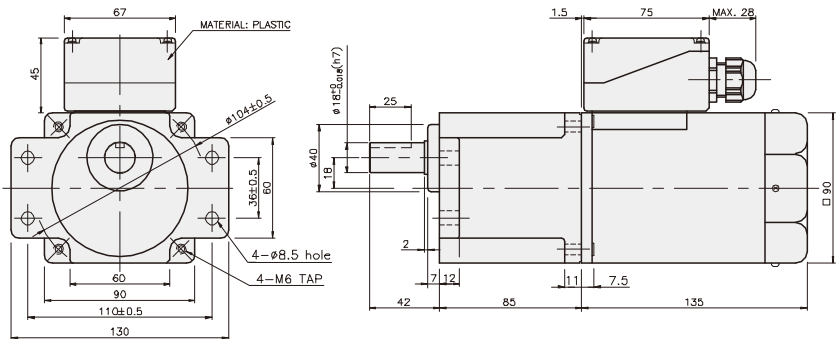
K9RP90F□-T5 + K9P□BF



K9RP90F□-T5 + K9P□BU



K9RP90F□-T5 + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3,18
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

REVERSIBLE MOTOR

120W

□90mm

LEAD WIRE TYPE
TERMINAL BOX TYPE

K9RS120F□



K9RS120F□-T, T5



SPECIFICATIONS

120W 30분 정격, 4극

Model		Out Put (W)	Voltage (V)	Frequency (Hz)	Current (A)	Start T. (N·m/kgf·cm)	Rated T. (N·m/kgf·cm)	Speed (rpm)	Condenser (μF)
K9R□120FJ-C50(-T, -T5)	단상	120	100	50	2.4	0.65/6.5	0.9/9	1300	40
K9R□120FJ(-T, -T5)				60	2.61	0.7/7	0.755/7.55	1550	
K9R□120FU(-T, -T5)		120	110	60	1.93	0.6/6	0.755/7.55	1550	25
			115		1.88	0.62/6.2			
K9R□120FL-C50(-T, -T5)		120	200	50	1.07	0.6/6	0.9/9	1300	8.5
K9R□120FL(-T, -T5)				60	1.22	0.58/5.8	0.755/7.55	1550	8
K9R□120FC-C50(-T, -T5)		120	220	50	1.28	0.53/5.3	0.93/9.3	1250	7
			230		1.44	0.58/5.8			
K9R□120FC(-T, -T5)			220	60	1	0.63/6.3	0.735/7.35	1600	7
			230		1.1				

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

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
K9R□120F□(-T, -T5) K9P□B, BF		2.19	2.62	3.65	4.37	5.47	6.56	7.29	8.20	9.84	11.81	13.12	14.76	17.7	20	20	20	20	20	20	20	20	20	20	20
		219	262	365	437	547	656	729	820	984	1181	1312	1476	177	200	200	200	200	200	200	200	200	200	200	200

● 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
K9R□120F□(-T, -T5) K9P□B, BF		1.79	2.14	2.98	3.57	4.47	5.36	5.95	6.70	8.04	9.64	10.72	12.06	14.5	17.4	19.3	20	20	20	20	20	20	20	20	20
		179	214	298	357	447	536	595	670	804	964	1072	1206	145	174	193	200	200	200	200	200	200	200	200	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.

REVERSIBLE MOTOR

GEARHEAD

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	13	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
K9R□120F□(-T,-5) K9P□BU, BUF		2,19	2,62	3,65	4,37	5,47	6,56	7,29	8,20	9,84	11,81	13,12	14,76	17,71	21,26	23,62	29,52	30	30	30	30	30	30	30	30
		21,9	26,2	36,5	43,7	54,7	65,6	72,9	82,0	98,4	118,1	131,2	147,6	177,1	212,6	236,2	295,2	300	300	300	300	300	300	300	300

● 60Hz

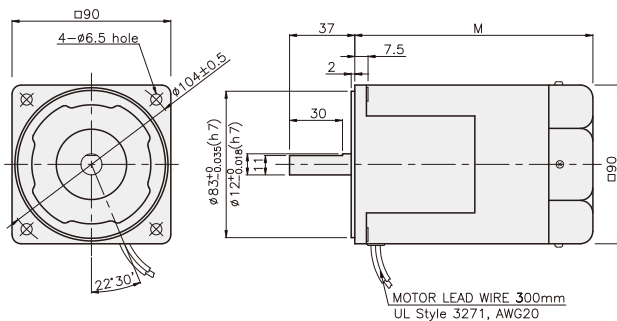
단위 = 상단 : N·m / 하단 : kgf·cm

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
K9R□120F□(-T,-5) K9P□BU, BUF		1,79	2,14	2,98	3,57	4,47	5,36	5,95	6,70	8,04	9,64	10,72	12,06	14,47	17,36	19,29	24,11	28,93	30	30	30	30	30	30	30
		17,9	21,4	29,8	35,7	44,7	53,6	59,5	67,0	80,4	96,4	107,2	120,6	144,7	173,6	192,9	241,1	289,3	300	300	300	300	300	300	300

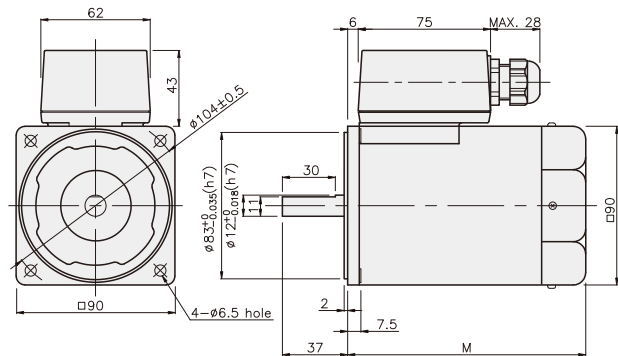
- * GEARHEAD·DECIMAL GEARHEAD는 별매입니다.
- * GEARHEAD의 품명중 □에는 감속비가 들어갑니다.
- * ■ 색이 MOTOR와 같은 방향, 그 외에는 반대 방향입니다.
- * 표의 감속비보다 더 감속하고자 할 경우는 GEARHEAD와 MOTOR 사이에 감속비 10의 DECIMAL GEARHEAD를 설치할 수 있습니다.
이 경우의 허용 TORQUE는 30 N·m / 300 kgf·cm 입니다.
- * 회전수는 MOTOR의 동기 회전수 (50 Hz : 1500 rpm, 60 Hz : 1800 rpm)를 기준으로 하여 감속비로 나누어서 계산하였습니다.
실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.

DIMENSIONS

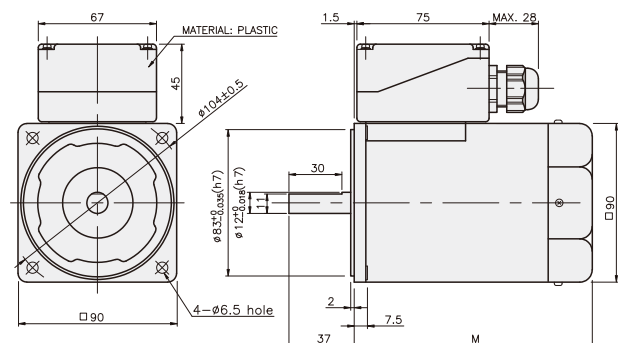
K9RS120F□



K9RS120F□-T



K9RS120F□ - T5



치수도표

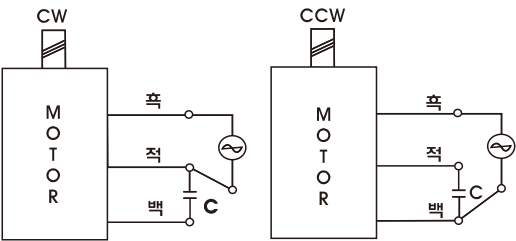
모델	M	적용기종
K9RS120F□-C50	155	50Hz
K9RS120F□	135	60Hz

※ 50Hz 제품은 모델명에 C50이 표기됩니다.

GEARHEAD

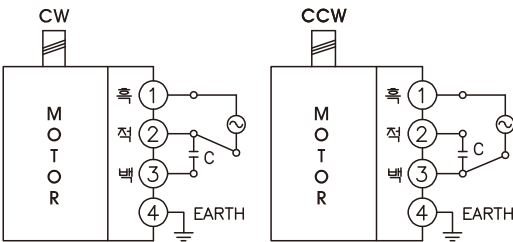
CONNECTION DIAGRAMS

K9RS120F□

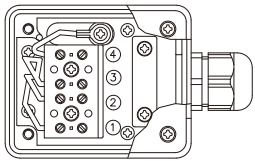


회전방향은 출력축에서 볼 경우

K9RS120F□-T

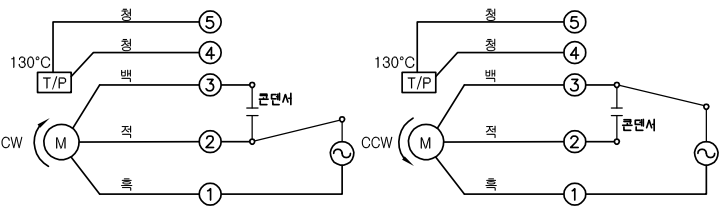


회전방향은 출력축에서 볼 경우

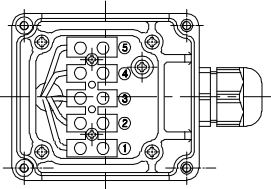


REVERSIBLE MOTOR

K9RS120F□-T5



회전방향은 출력축에서 볼 경우



GEARHEAD

DIMENSIONS

K9P□B



K9P□BF, BUF

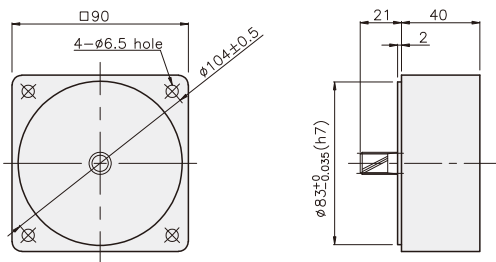


K9P□BU



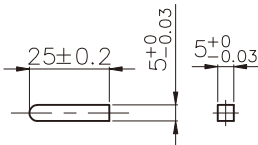
DECIMAL GEARHEAD

K9P10BX

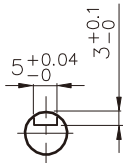


KEY SPEC

• KEY

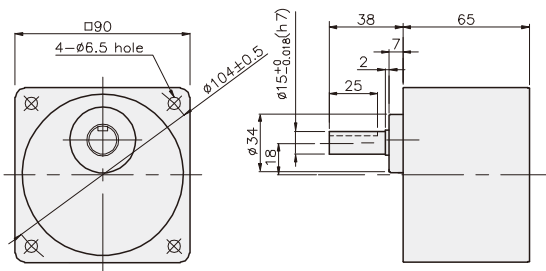


• KEY GROOVE

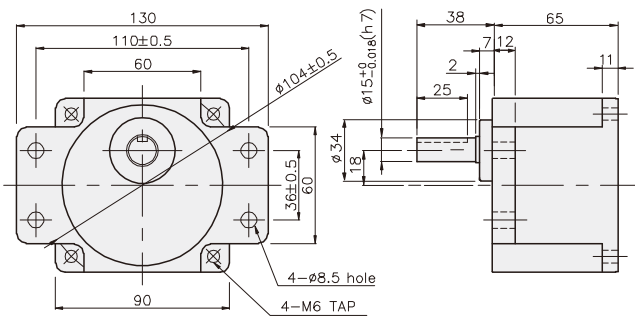


GEARHEAD

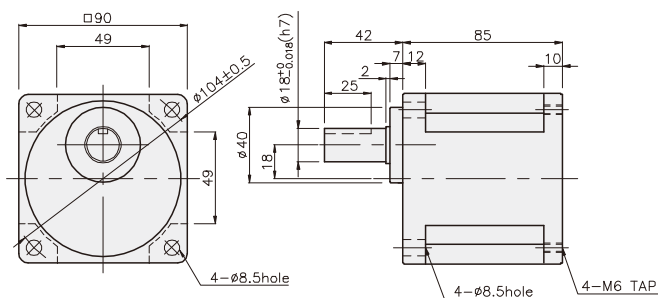
K9P□B



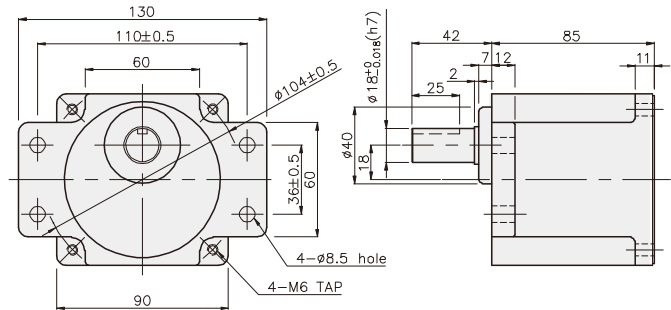
K9P□BF



K9P□BU



K9P□BUF



DIMENSIONS

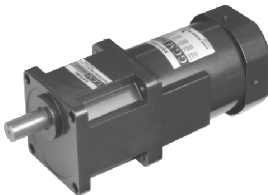
K9RP120F□ + K9P□B



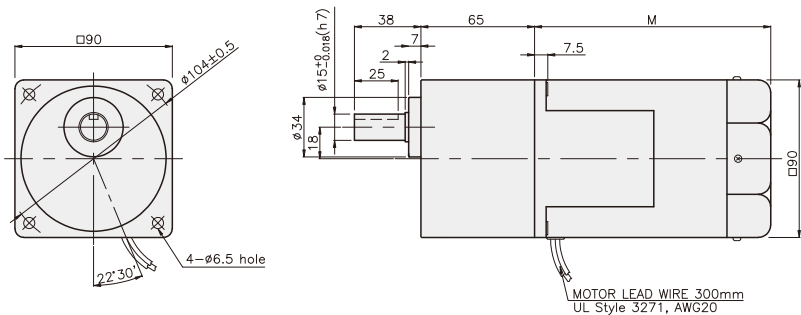
K9RP120F□ + K9P□BF, BUF



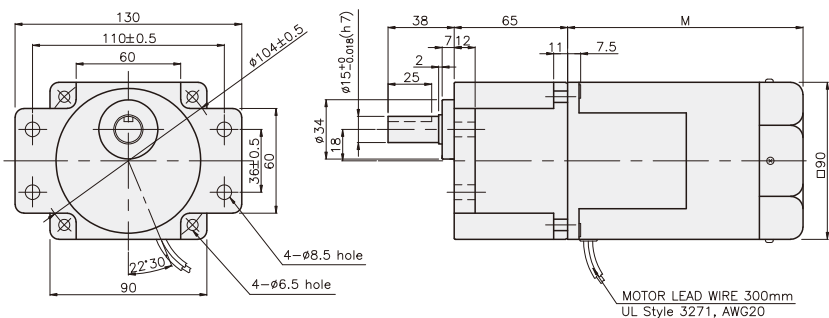
K9RP120F□ + K9P□BU



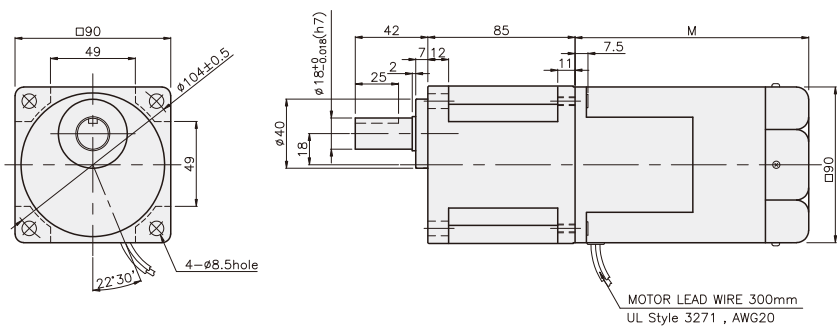
K9RP120F□ + K9P□B



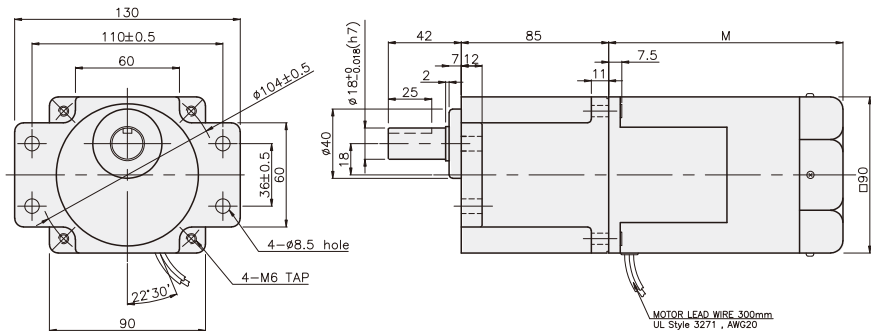
K9RP120F□ + K9P□BF



K9RP120F□ + K9P□BU



K9RP120F□ + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3.72
DECIMAL GEARHEAD	0.62

치수도표

품번	M	적용기종
01	155	50Hz
02	135	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

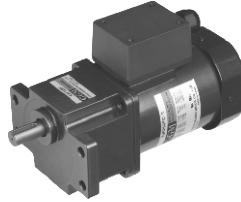
PART	WEIGHT(kg)
K9P3~10BUF	1.50
K9P12.5~20BUF	1.62
K9P25~60BUF	1.76
K9P75~200BUF	1.82

DIMENSIONS

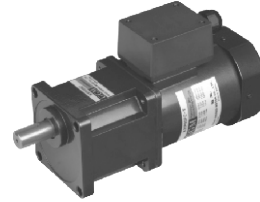
K9RP120F□ - T + K9P□B



K9RP120F□ - T + K9P□BF, BUF



K9RP120F□ - T + K9P□BU



무게

PART	WEIGHT(kg)
MOTOR	3,90(50Hz)
	3,20(60Hz)
DECIMAL GEARHEAD	0,62

치수도표

품번	M	적용기종
01	155	50Hz
02	135	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

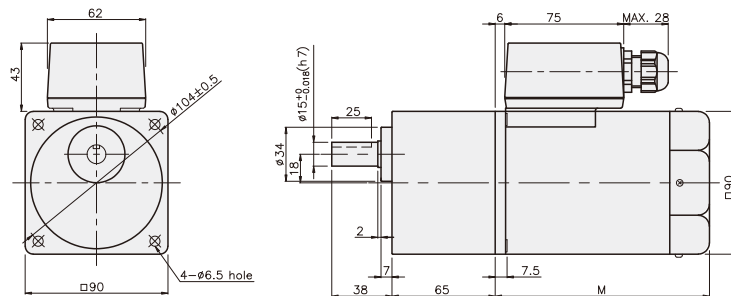
치수도표

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

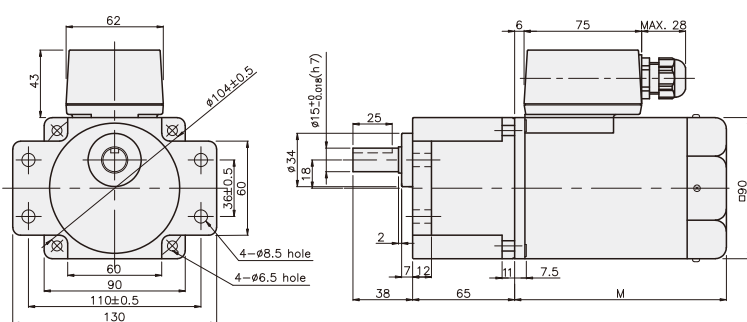
무게

PART	WEIGHT(kg)
K9P3~10BUF	1,50
K9P12,5~20BUF	1,62
K9P25~60BUF	1,76
K9P75~200BUF	1,82

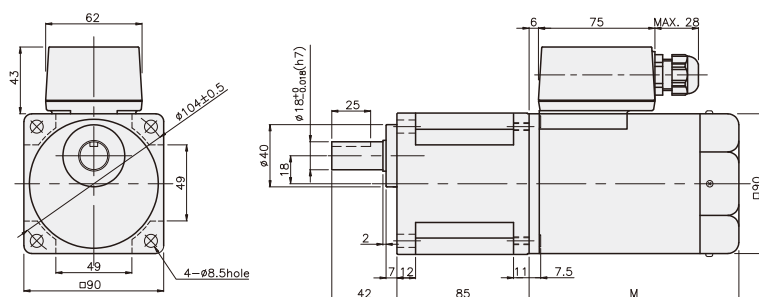
K9RP120F□ - T + K9P□B



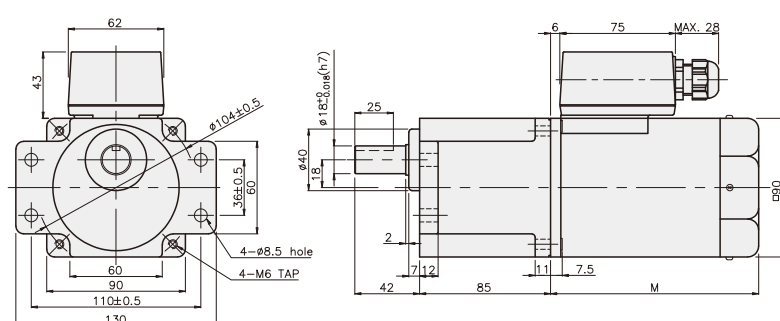
K9RP120F□ - T + K9P□BF



K9RP120F□ - T + K9P□BU



K9RP120F□ - T + K9P□BUF

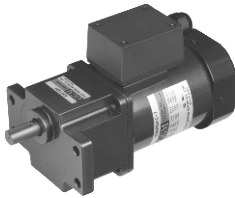


DIMENSIONS

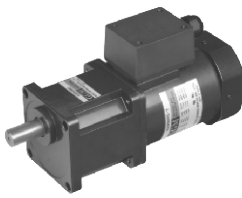
K9RP120F□ - T5 + K9P□B



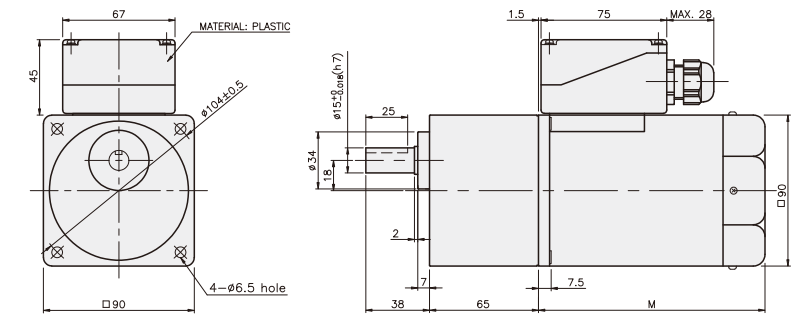
K9RP120F□ - T5 + K9P□BF, BUF



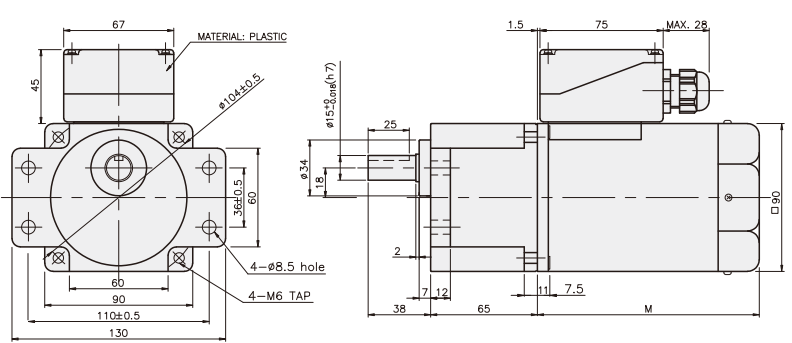
K9RP120F□ - T5 + K9P□BU



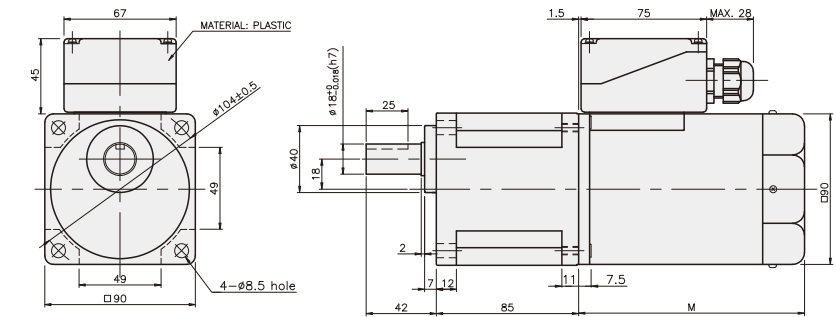
K9RP120F□ - T5 + K9P□B



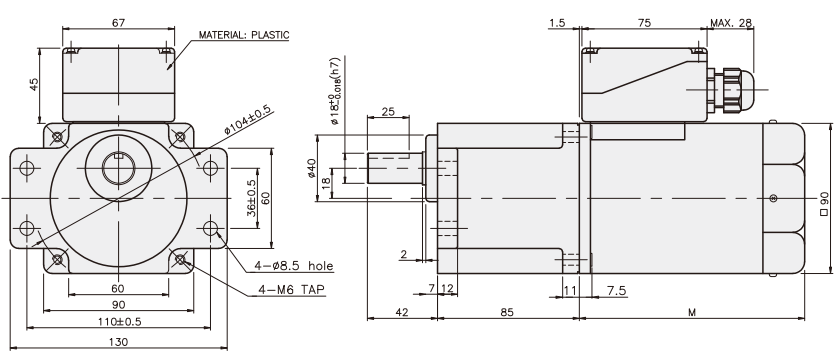
K9RP120F□ - T5 + K9P□BF



K9RP120F□ - T5 + K9P□BU



K9RP120F□ - T5 + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3.90(50Hz)
	3.20(60Hz)
DECIMAL GEARHEAD	0.62

치수도표

품번	M	적용기종
01	155	50Hz
02	135	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

REVERSIBLE MOTOR

180W

□90mm

LEAD WIRE TYPE
TERMINAL BOX TYPE

K9RS180F□



K9RS180F□-T, T5



SPECIFICATIONS

180W 30분 정격, 4극

Model		Out Put (W)	Voltage (V)	Frequency (Hz)	Current (A)	Start T. (N·m/kgf·cm)	Rated T. (N·m/kgf·cm)	Speed (rpm)	Condenser (μF)
K9R□180FJ(-T, -T5)	단상	180	100	50	3.1	0.7/7	1.35/13.5	1300	40
				60	2.95	0.75/7.5	1.1/11	1600	
K9R□180FU(-T, -T5)		180	110	60	2.9	0.85/8.5	1.1/11	1600	30
			115		3.1				
K9R□180FL(-T, -T5)		180	200	50	1.47	0.65/6.5	1.35/13.5	1300	12
				60	1.43	0.55/5.5	1.1/11	1600	
K9R□180FC(-T, -T5)		180	220	50	1.58	0.65/6.5	1.35/13.5	1300	8
				60	1.38	0.6/6	1.1/11	1600	
			230	50	1.7	0.7/7	1.35/13.5	1300	
				60	1.54	0.65/6.5	1.1/11	1600	

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

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	13	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
K9R□180F□(-T, -T5) K9P□B, BF		3,28	3,94	5,47	6,56	8,20	9,84	10,94	12,30	14,76	17,71	19,68	22,14	26,57	30	30	30	30	30	30	30	30	30	30	30
		32,8	39,4	54,7	65,6	82,0	98,4	109,4	123,0	147,6	177,1	196,8	221,4	265,7	300	300	300	300	300	300	300	300	300	300	300

● 60Hz

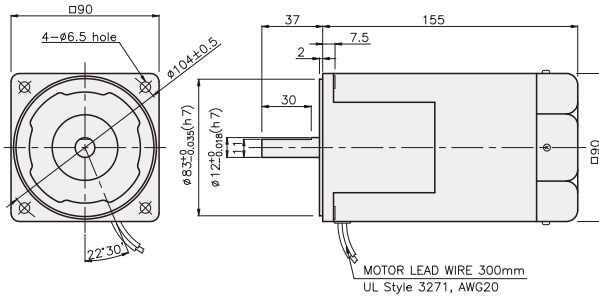
단위 = 상단 : N·m / 하단 : kgf·cm

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
K9R□180F□(-T, -T5) K9P□BU, BUF		2,67	3,21	4,46	5,35	6,68	8,02	8,91	10,02	12,03	14,43	16,04	18,04	21,65	25,98	28,87	30	30	30	30	30	30	30	30	30
		26,7	32,1	44,6	53,5	66,8	80,2	89,1	100,2	120,3	144,3	160,4	180,4	216,5	259,8	288,7	300	300	300	300	300	300	300	300	300

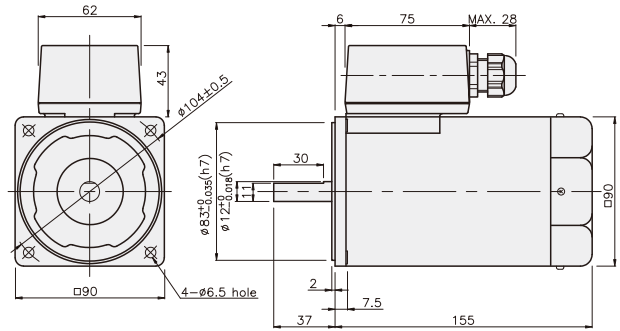
- * GEARHEAD·DECIMAL GEARHEAD는 별매입니다.
- * GEARHEAD의 품명중 □에는 감속비가 들어갑니다.
- * 색이 MOTOR와 같은 방향, 그 외에는 반대 방향입니다.
- * 표의 감속비보다 더 감속하고자 할 경우는 GEARHEAD와 MOTOR 사이에 감속비 10의 DECIMAL GEARHEAD를 설치할 수 있습니다. 이 경우의 허용 TORQUE는 30 N·m / 300 kgf·cm 입니다.
- * 회전수는 MOTOR의 동기 회전수 (50 Hz : 1500 rpm, 60 Hz : 1800 rpm)를 기준으로 하여 감속비로 나누어서 계산하였습니다. 실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다.

DIMENSIONS

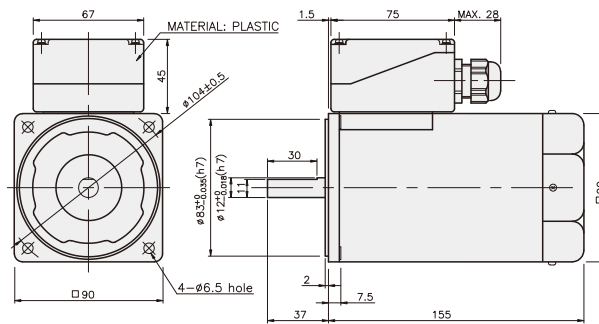
K9RS180F□



K9RS180F□-T

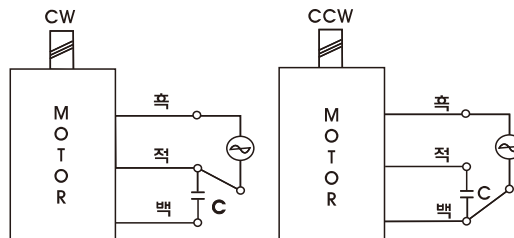


K9RS180F□-T5



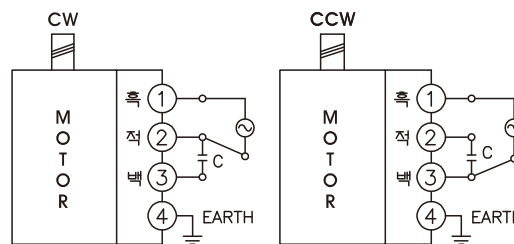
CONNECTION DIAGRAMS

K9RS180F□

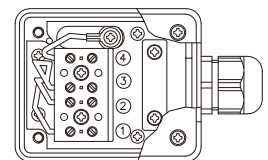


회전방향은 출력축에서 볼 경우

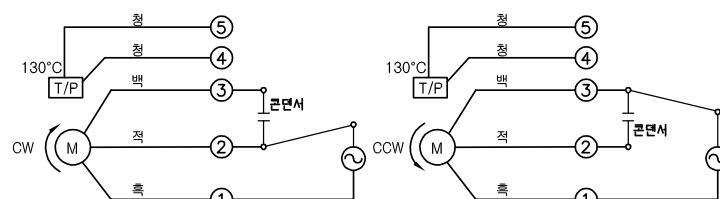
K9RS180F□-T



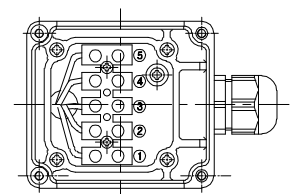
회전방향은 출력축에서 볼 경우



K9RS180F□-T5



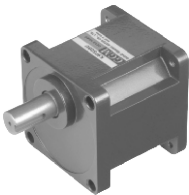
회전방향은 출력축에서 볼 경우



GEARHEAD

DIMENSIONS

K9P□BU



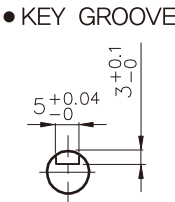
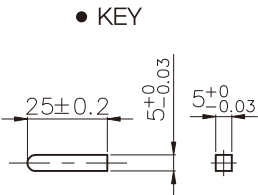
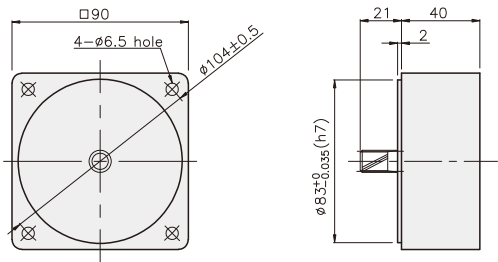
K9P□BUF



DECIMAL GEARHEAD

K9P10BX

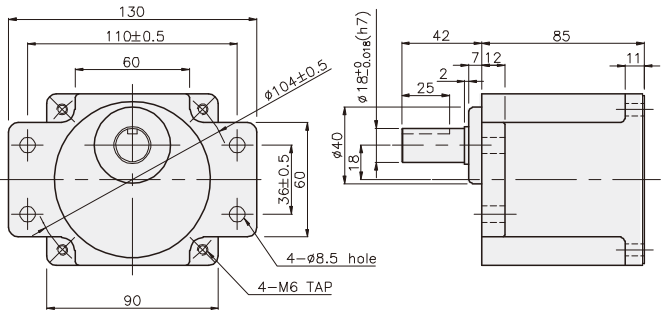
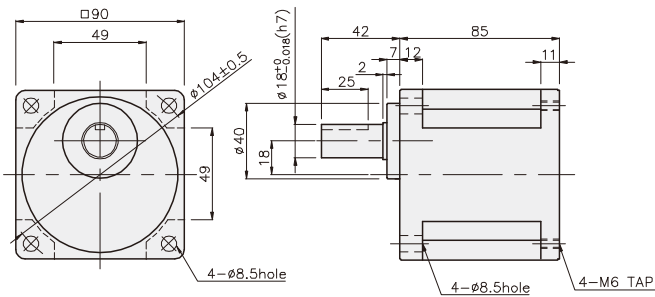
KEY SPEC



GEARHEAD

K9P□BU

K9P□BUF

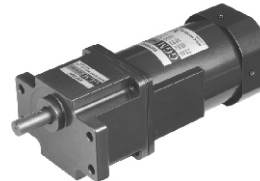


DIMENSIONS

K9RP180F□ + K9P□BU



K9RP180F□ + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3.72
DECIMAL GEARHEAD	0.62

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

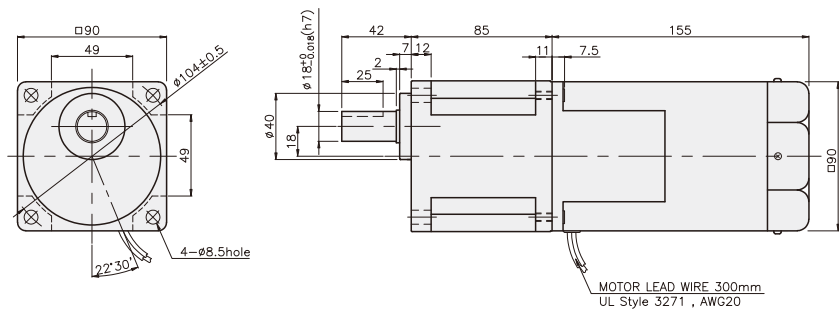
치수도표

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

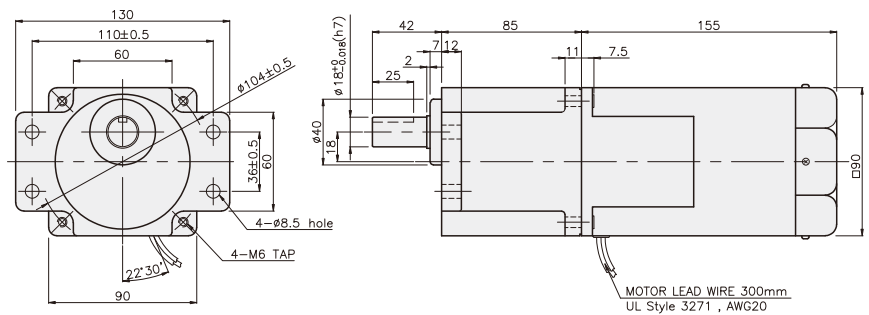
무게

PART	WEIGHT(kg)
K9P3~10BUF	1,50
K9P12,5~20BUF	1,62
K9P25~60BUF	1,76
K9P75~200BUF	1,82

K9RP180F□ + K9P□BU



K9RP180F□ + K9P□BUF



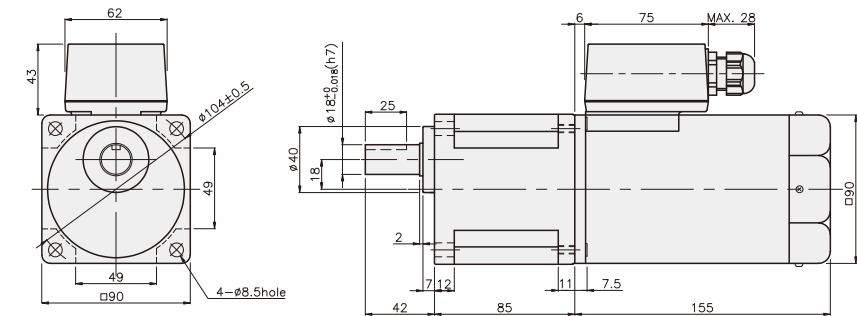
DIMENSIONS

K9RP180F□ - T + K9P□BU

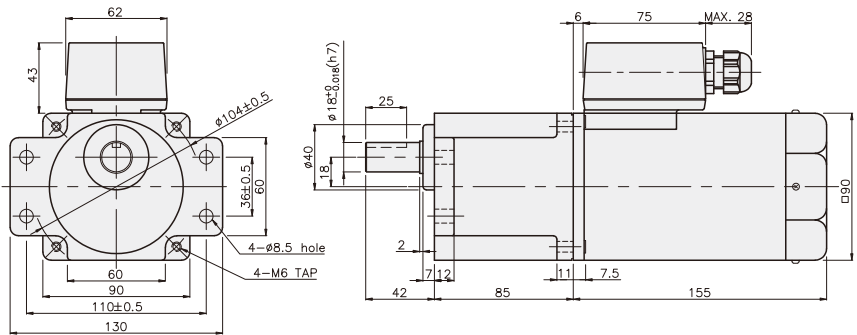
K9RP180F□ - T + K9P□BUF



K9RP180F□ - T + K9P□BU



K9RP180F□ - T + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3.90
DECIMAL GEARHEAD	0.62

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

GEARHEAD

DIMENSIONS

K9RP180F□ - T5 + K9P□BU



K9RP180F□ - T5 + K9P□BUF



무게

PART	WEIGHT(kg)
MOTOR	3,90
DECIMAL GEARHEAD	0,62

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

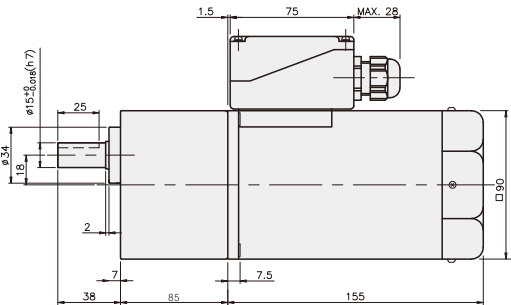
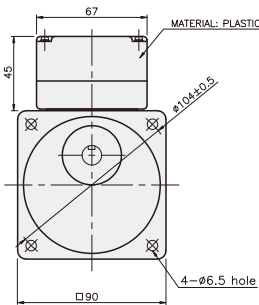
치수도표

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

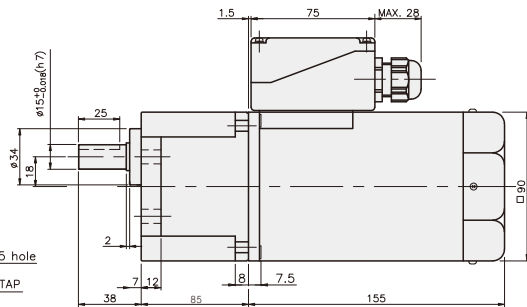
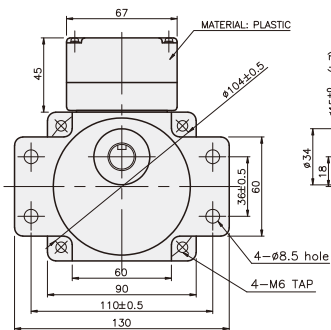
무게

PART	WEIGHT(kg)
K9P3~10BUF	1,50
K9P12,5~20BUF	1,62
K9P25~60BUF	1,76
K9P75~200BUF	1,82

K9RP180F□ - T5 + K9P□BU



K9RP180F□ - T5 + K9P□BUF



REVERSIBLE MOTOR