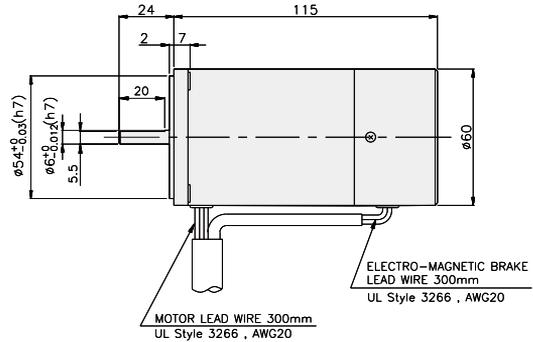
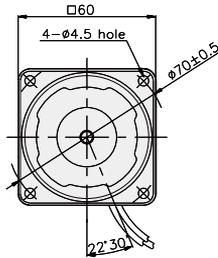


## BRAKE MOTOR

### 6W

### □60mm

K6RS6N□-B



### SPECIFICATIONS

6W 30 minutes rating, four poles

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))	
K6R□6NJ-B	single-phase 30 minutes	100	50	0.25	0.035/0.35	0.049/0.49	1200	3	0.2/2	
			60	0.23		0.04/0.4	1500			
K6R□6NU-B		110	60	0.2	0.045/0.45	0.04/0.4	1500	2.5	0.2/2	
		115		0.2						0.05/0.5
K6R□6NL-B		200	50	0.12	0.055/0.55	0.049/0.49	1200	1	0.2/2	
			60	0.13		0.04/0.4	1500			
K6R□6NC-B		220	50	0.12	0.045/0.45	0.047/0.47	1250	0.8	0.2/2	
			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-B	240	50	0.12	0.048/0.48	0.047/0.47	1250	0.6	0.2/2		

\* □ : SHAFT SHAPE (S : STRAIGHT, G : PINION)

### RATED TORQUE OF GEARHEAD

#### ● 50Hz

unit = above : N·m / below : 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	6
	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□-B 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	23.1	27.8	30	30	30	30	30	30	

#### ● 60Hz

unit = above : N·m / below : Kgf·cm

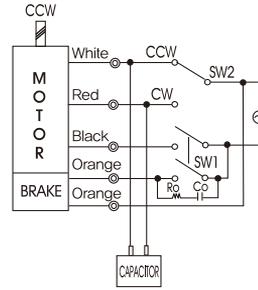
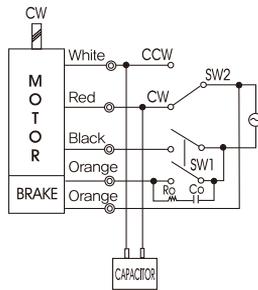
Model Motor/ Gearhead	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9	7.2
	Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	250
K6R□6N□-B K6G□B(C)	0.10	0.12	0.16	0.19	0.24	0.29	0.32	0.41	0.49	0.58	0.58	0.73	0.87	1.05	1.17	1.31	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 and decimal gearhead are sold separately.
- \* The code in □ of gearhead model is for gear ratio.
- \*  color indicates that the output shaft of the geared motor rotates in the same direction as the output shaft of the motor. Others indicate rotation in the opposite direction.
- \* If you are to have less ratio than the ratio in the table, you can install the decimal gearhead, which has one tenth of the ratio, between the gearhead and the motor. In this case, the permissible torque is 3N·m/30kgf·cm.
- \* RPM is based on motor's synchronous rpm (50HZ:1500rpm, 60HZ:1800rpm) and calculated by dividing gear ratio. Actual rpm is 2~20% less than indicating rpm according to load size.

## GEARHEADS

### CONNECTION DIAGRAMS

Connect Cr circuit for absorbing surge voltage as connection diagram to protect contact point.  
 $R_o = 5 - 200\Omega$   
 $C_o = 0.1 \sim 0.2\mu F$  200WV(400WV)



※The direction of motor rotation is as viewed from the front shaft end of the motor

### DIMENSIONS

K6G□B(C)

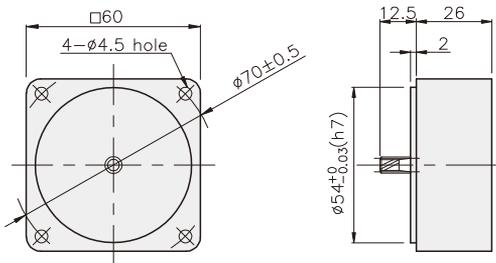


K6RG6N□-B + K6G□B(C)



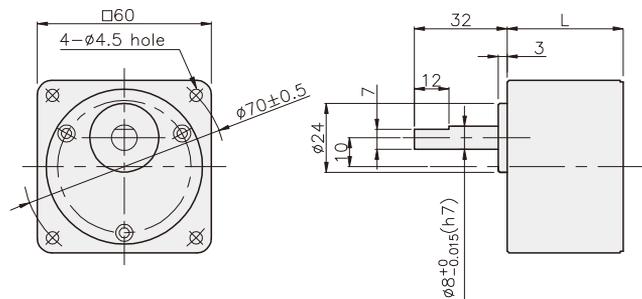
DECIMAL GEARHEAD

K6G10BX



GEARHEAD

K6G□B(C)



#### DIMENSION TABLE

PART No.	L	Application Model	Mounting 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

#### WEIGHT

PART	WEIGHT(kg)	
MOTOR	0,93	
DECIMAL GEAR HEAD	0,22	
GEAR HEAD	K6G3~18B(C)	0,26
	K6G30~40B(C)	0,33
	K6G50~250B(C)	0,36

K6RG6N□-B + K6G□B(C)

