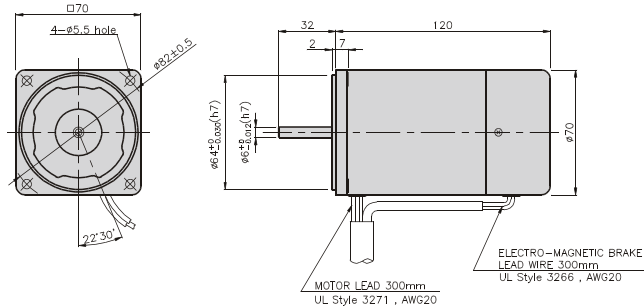


BRAKE MOTOR

15W

□70mm

K7RS15N□-B



SPECIFICATIONS

15W 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)
K7R□15NJ-B	single-phase 30 minutes	100	50	0.46	0.115/1.15	0.12/1.2	1250	7	0.2/2
			60	0.48			1500		
K7R□15NU-B		110	60	0.47	0.125/1.25	0.1/1	1500	6	0.2/2
				115					
K7R□15NL-B		200	50	0.23	0.115/1.15	0.122/1.22	1250	2	0.2/2
				60			0.28		
K7R□15NC-B		220	50	0.21	0.115/1.15	0.12/1.2	1250	1.5	0.2/2
				60			0.24		
		230	50	0.25	0.125/1.25	0.12/1.2	1250		
				60			0.24		
K7R□15ND-B	240	50	0.25	0.13/1.3	0.12/1.2	1250	1.5	0.2/2	

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

RATED TORQUE OF GEARHEAD

● 50Hz

unit = above : N · m / below : kgfcm

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

unit = above : N · m / below : kgfcm

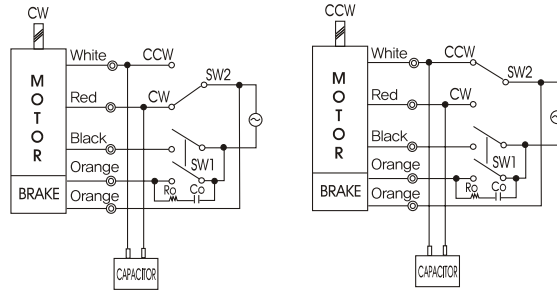
Model Motor/ Gearhead	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
	Ratio	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
K7R□15N□-B K7G□B(C)	0.24	0.29	0.41	0.49	0.61	0.73	0.81	1.01	1.22	1.46	1.46	1.82	2.19	2.62	2.92	3.28	3.94	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 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 5N · m/50kgfcm.
- * 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

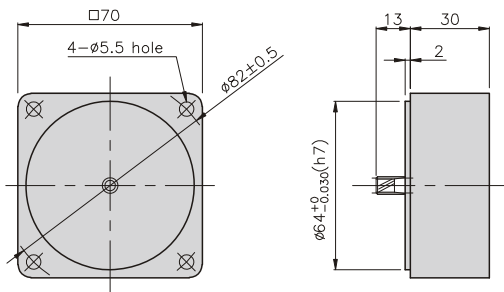
K7G□B(C)

K7RG15N□-B + K7G□B(C)



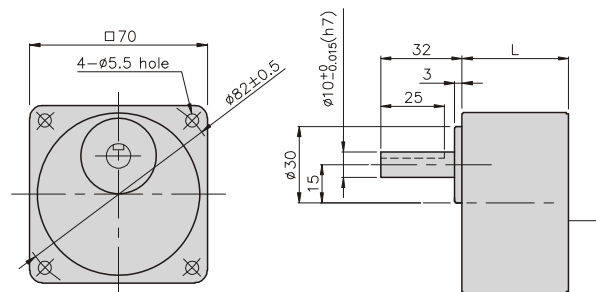
DECIMAL GEARHEAD

K7G10BX



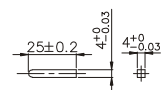
GEARHEAD

K7G□B(C)



• KEY

• KEY GROOVE



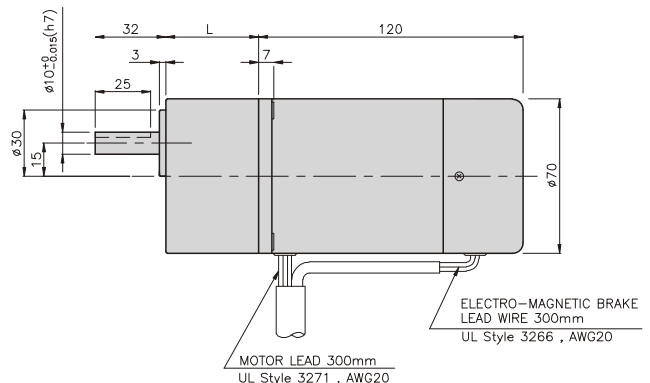
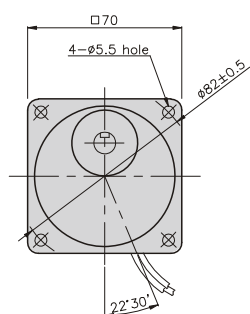
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

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

K7RG15N□-B + K7G□B(C)



INDUCTION MOTOR

15W

□70mm

LEAD WIRE TYPE
TERMINAL BOX TYPE



SPECIFICATIONS

15W continuous rating, four poles

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)	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 SHAPE (S : STRAIGHT, G : PINION)

RATED TORQUE OF GEARHEAD

● 50Hz

unit = above : N · m / below : kgfcm

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
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	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	50

● 60Hz

unit = above : N · m / below : kgfcm

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
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	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	50

* 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.

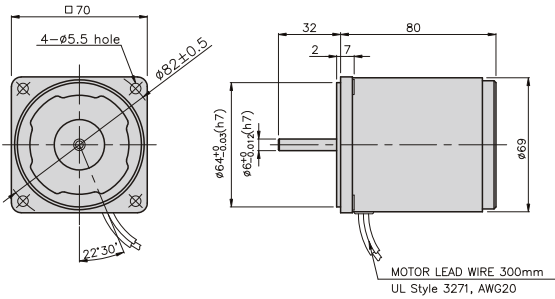
* If you are to have less ratio than the ratio in the table, you can install the decimal gearhead, which has one tenth of the ratio, between the gearhead and the motor. In this case, the permissible torque is 5N · m/50kgfcm.

* 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.

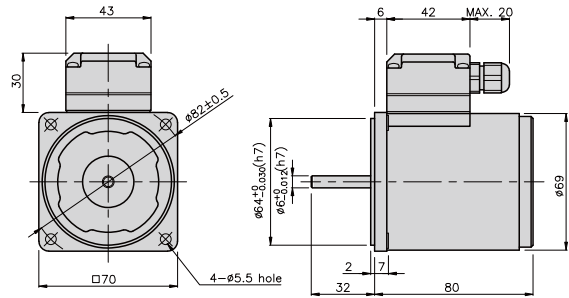
GEARHEADS

DIMENSIONS

K7IS15N □

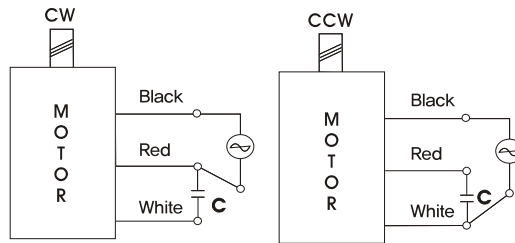


K7IS15N □-T



CONNECTION DIAGRAMS

K7IS15N □

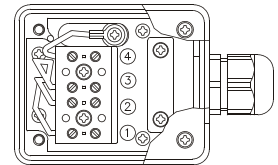
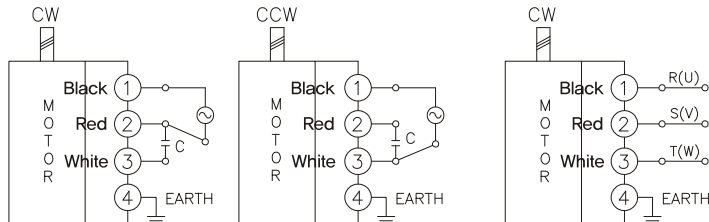


The direction of motor rotation is as viewed from the front shaft end of the motor

K7IS15N □-T

single phase motor

three phase motor



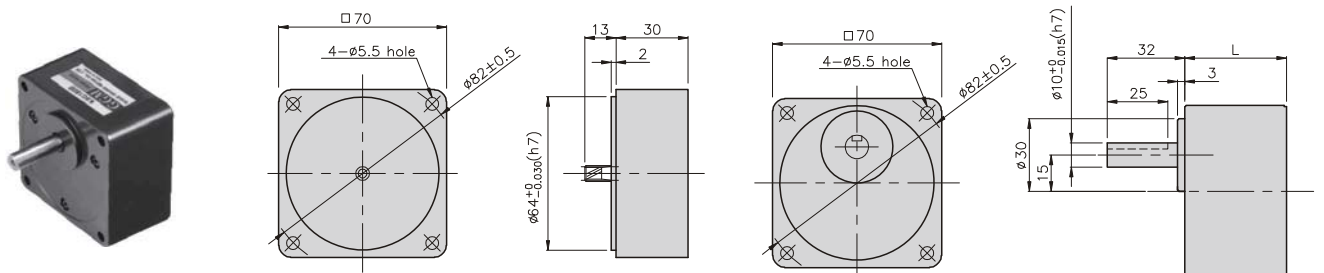
The direction of motor rotation is as viewed from the front shaft end of the motor

DIMENSIONS

K7G □B(C)

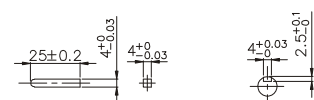
DECIMAL GEARHEAD
K7G10BX

GEARHEAD
K7G □B(C)



• KEY

• KEY GROOVE



GEARHEADS

DIMENSIONS

K7IG15N□ + K7G□B(C)



K7IG15N□-T + K7G□B(C)



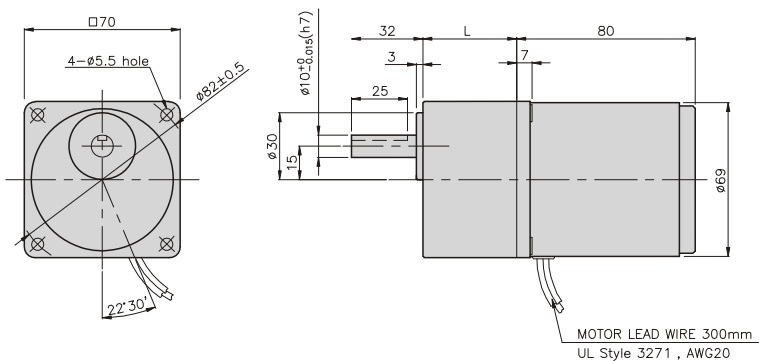
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,07	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7IG15N□ + K7G□B(C)



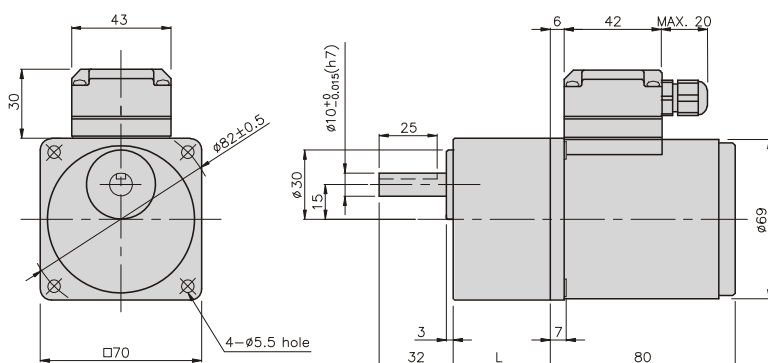
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,10	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7IG15N□-T + K7G□B(C)



REVERSIBLE MOTOR

15W

□70mm

LEAD WIRE TYPE
TERMINAL BOX TYPE

K7RS15N□



K7RS15N□-T



SPECIFICATIONS

15W continuous rating, four poles

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)	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 SHAPE (S : STRAIGHT, G : PINION)

RATED TORQUE OF GEARHEAD

● 50Hz

unit = above : N·m / below : kgfcm

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

unit = above : N·m / below : kgfcm

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 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.

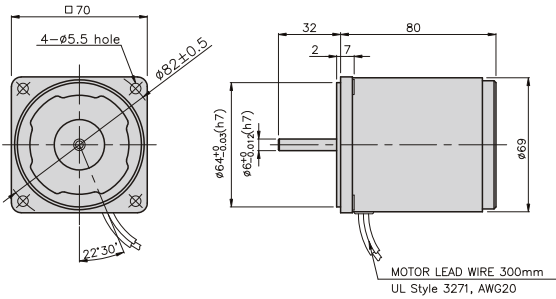
* If you are to have less ratio than the ratio in the table, you can install the decimal gearhead, which has one tenth of the ratio, between the gearhead and the motor. In this case, the permissible torque is 5N·m/50kgfcm.

* 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.

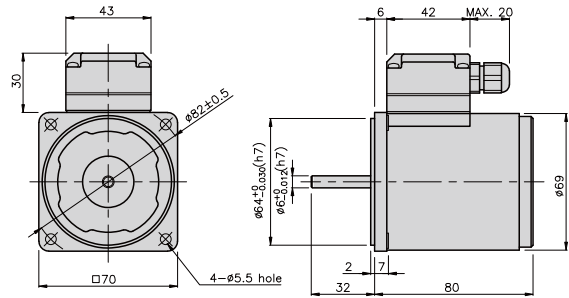
GEARHEADS

DIMENSIONS

K7RS15N□

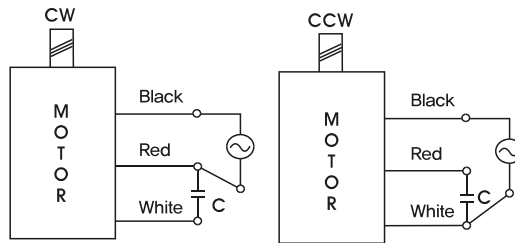


K7RS15N□-T



CONNECTION DIAGRAMS

K7RS15N□

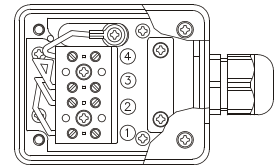
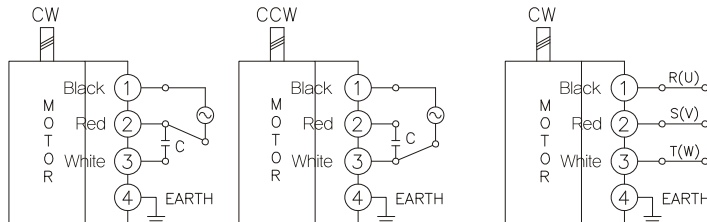


The direction of motor rotation is as viewed from the front shaft end of the motor

K7RS15N□-T

single phase motor

three phase motor



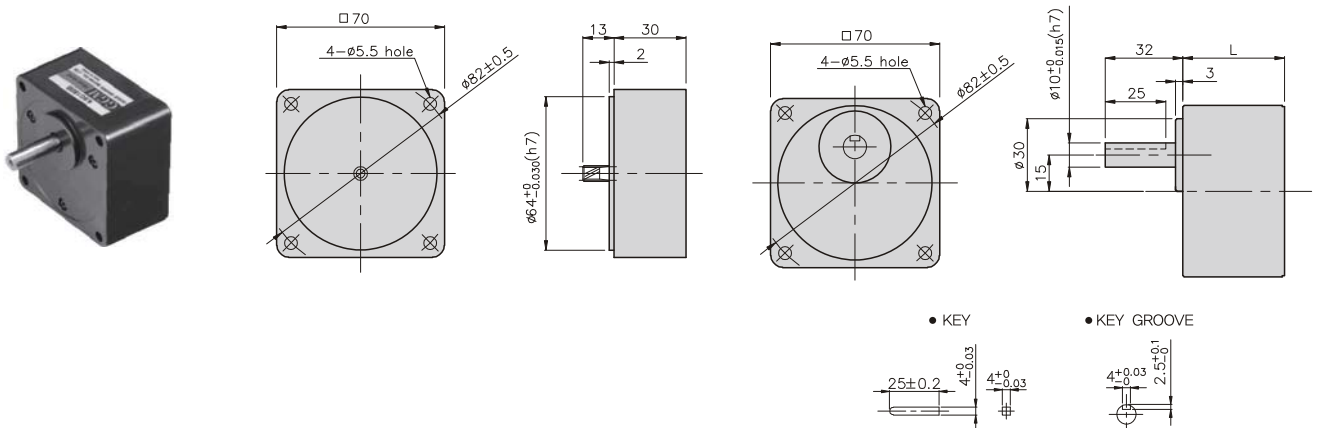
The direction of motor rotation is as viewed from the front shaft end of the motor

DIMENSIONS

K7G□B(C)

DECIMAL GEARHEAD
K7G10BX

GEARHEAD
K7G□B(C)



• KEY

• KEY GROOVE

GEARHEADS

DIMENSIONS

K7RG15N□ + K7G□B(C)



K7RG15N□-T + K7G□B(C)



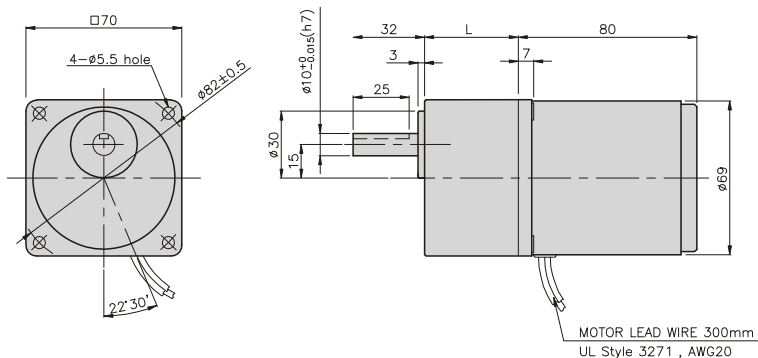
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,07	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7RG15N□ + K7G□B(C)



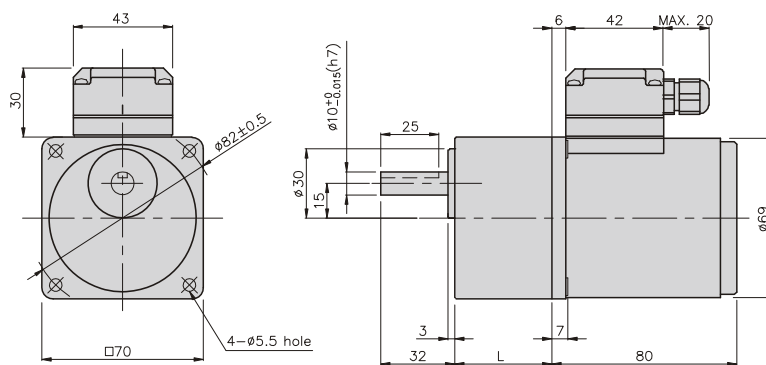
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,10	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7RG15N□-T + K7G□B(C)

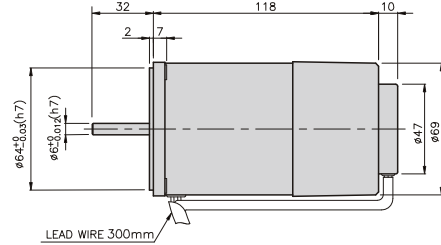
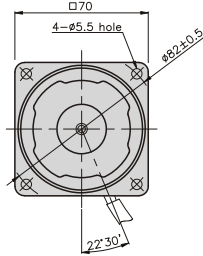


SPEED CONTROL & BRAKE MOTOR

15W

□70mm

K7RS15N□-D



SPECIFICATIONS

15W 30 minutes rating, four poles

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)
				1200rpm (N*m/ Kgf*cm)	90rpm (N*m/ Kgf*cm)				
K7R□15NJ-D	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						
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					
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 SHAPE (S : STRAIGHT, G : PINION)

RATED TORQUE OF GEARHEAD

● Single-phase 100V/115V

unit = above : N · m / below : kgfcm

Model	Ratio	Speed (rpm)																							
		3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
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	2,25 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	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

● Single-phase 200V/240V

unit = above : N · m / below : kgfcm

Model	Ratio	Speed (rpm)																								
		3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	
K7R□15N□-D 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	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 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.

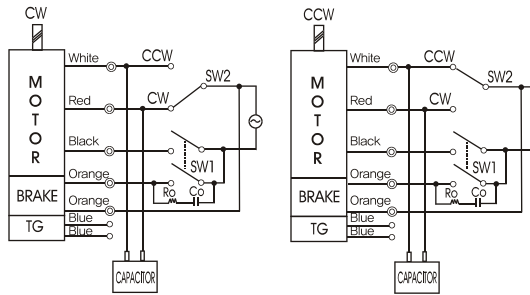
* If you are to have less ratio than the ratio in the table, you can install the decimal gearhead, which has one tenth of the ratio, between the gearhead and the motor. In this case, the permissible torque is 5N · m/50kgfcm.

* 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

K7G□B(C)

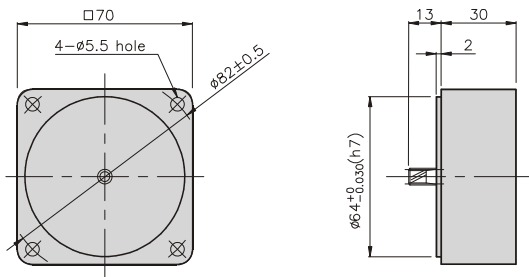


K7RG15N□-D + K7G□B(C)



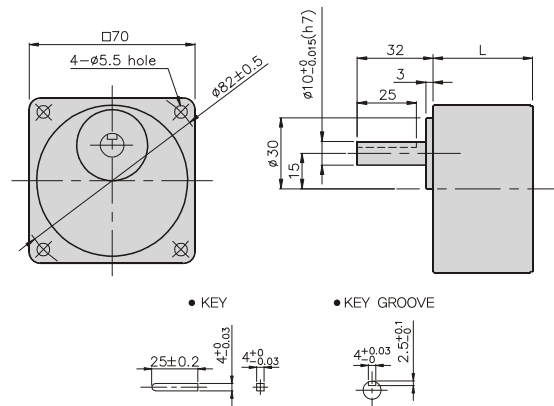
DECIMAL GEARHEAD

K7G10BX



GEARHEAD

K7G□B(C)

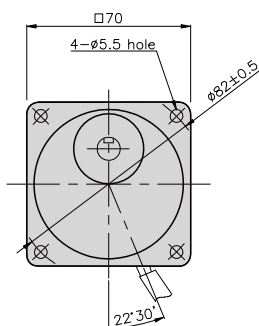


DIMENSION TABLE

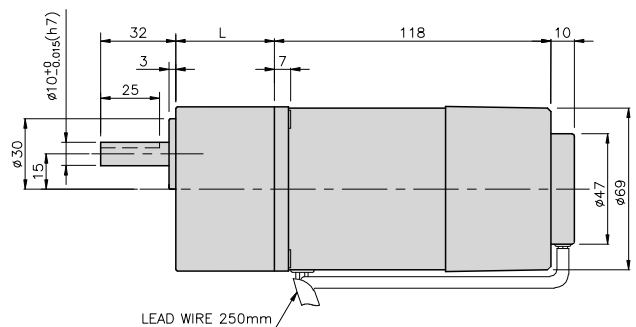
PART No.	L	Application Model	Mounting BOLT
01	32	K7G3~18B(C)	M5 P0,8 X 50
02	42	K7G20~200B(C)	M5 P0,8 X 65
03	30	K7G10BX	M5 P0,8 X 90

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1.42	
DECIMAL GEAR HEAD	0.32	
GEAR HEAD	K7G3~18B(C)	0.38
	K7G20~40B(C)	0.46
	K7G50~200B(C)	0.51



K7RG15N□-D + K7G□B(C)



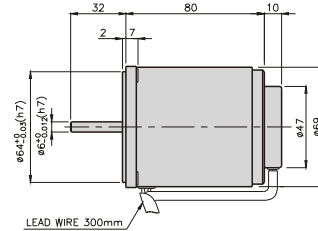
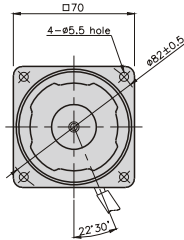
SPEED CONTROL MOTOR - SP SERIES

15W

□70mm

INDUCTION MOTOR

K7IS15N□-SP



SPECIFICATIONS

15W continuous rating, four poles

Model	Voltage(V)	Frequency (Hz)	Speed Range (rpm)	Permissible Torque		Start T. (N*m/Kgf*cm)	Current (A)	Condenser (μF)	
				1200rpm (N*m/kgf*cm)	90rpm (N*m/kgf*cm)				
K7I□15NJ-SP	100	50	90 ~ 1400	0,125/1,25	0,045/0,45	0,07/0,7	0,55	5	
		60	90 ~ 1700						
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
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
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 SHAPE (S : STRAIGHT, G : PINION)

RATED TORQUE OF GEARHEAD

● Single-phase 100V/115V

unit = above : N · m / below : kgfcm

Model	Ratio	Speed(rpm)																							
		3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
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

● Single-phase 200V/240V

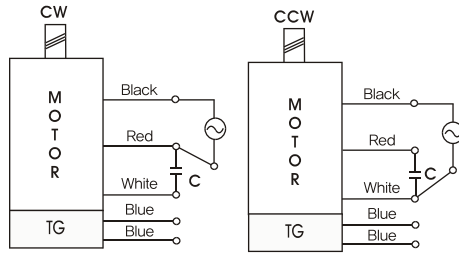
unit = above : N · m / below : kgfcm

Model	Ratio	Speed(rpm)																								
		3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	
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	5 50
		200V/220V/ 230V/180Hz	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	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	5 50	

- * 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 5N · m/50kgfcm.
- * 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



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

DIMENSIONS

K7G□B(C)

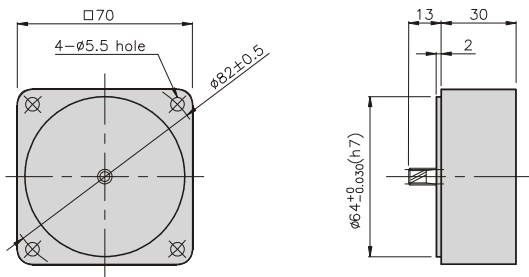


K7IG15N□-SP + K7G□B(C)



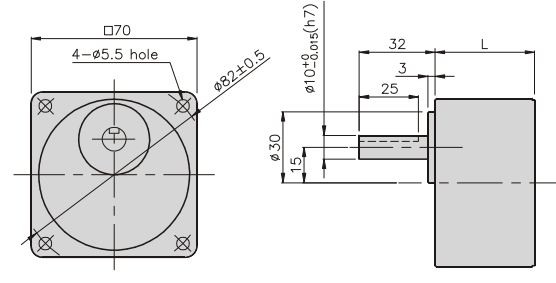
DECIMAL GEARHEAD

K7G10BX



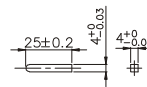
GEARHEAD

K7G□B(C)



• KEY

• KEY GROOVE



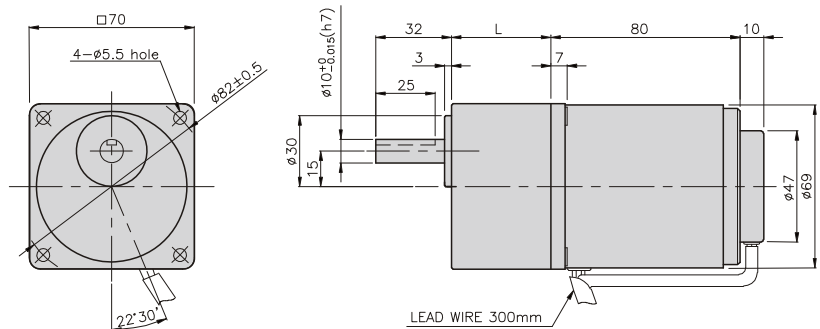
DIMENSION TABLE

PART No.	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,16	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7IG15N□-SP + K7G□B(C)



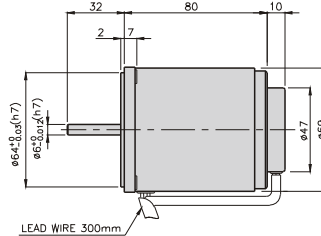
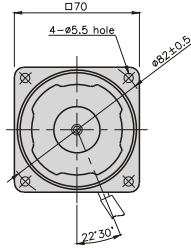
SPEED CONTROL MOTOR - SP SERIES

15W

□70mm

REVERSIBLE MOTOR

K7RS15N□-SP



SPECIFICATIONS

15W 30 minutes rating, four poles

Model	Voltage (V)	Frequency (Hz)	Speed Range (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-SP	100	50	90 ~ 1400	0,14/1,4	0,05/0,5	0,085/0,85	0,56	7
		60	90 ~ 1700					
K7R□15NU-SP	110	60	90 ~ 1700	0,14/1,4	0,05/0,5	0,085/0,85	0,58	6
	115							
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 SHAPE (S : STRAIGHT, G : PINION)

RATED TORQUE OF GEARHEAD

● Single-phase 100V/115V

unit = above : N·m / below : kgfcm

Model	Ratio	Speed(rpm)																							
		3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
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

● Single-phase 200V/240V

unit = above : N·m / below : kgfcm

Model	Ratio	Speed(rpm)																							
		3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
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	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	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 and decimal gearhead are sold separately.

* The code in □ of gearhead model is for gear ratio.

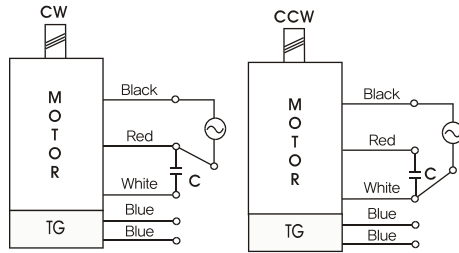
* ■ color indicates that the output shaft of the geared motor rotates in the same direction as the output shaft of the motor. Others indicate rotation in the opposite direction.

* 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 5N·m/50kgfcm.

* 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



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

DIMENSIONS

K7G□B(C)

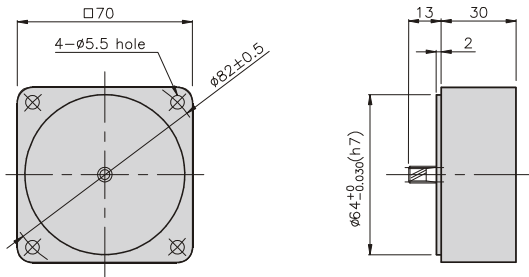


K7RG15N□-SP + K7G□B(C)



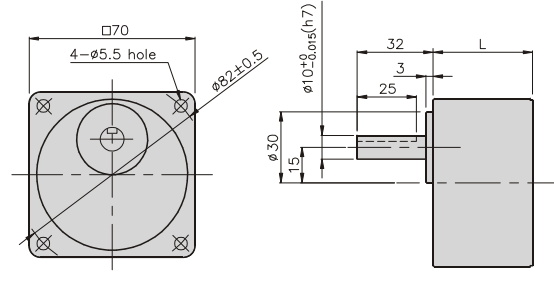
DECIMAL GEARHEAD

K7G10BX



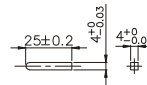
GEARHEAD

K7G□B(C)



• KEY

• KEY GROOVE



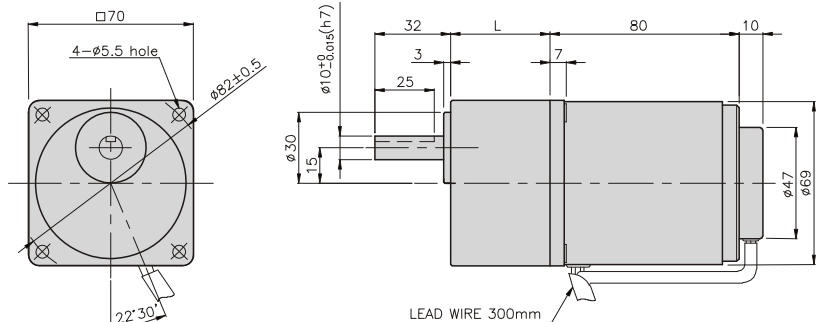
DIMENSION TABLE

PART No.	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,16	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7RG15N□-SP + K7G□B(C)

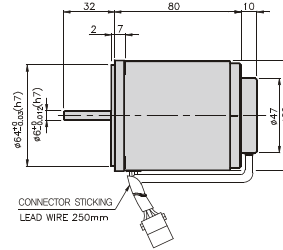
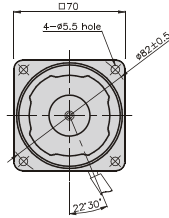


SPEED CONTROL MOTOR - SU SERIES

15W

□70mm

K7□S15N□-SU



SPECIFICATIONS

15W continuous rating, four poles

Model	Voltage (V)	Frequency (Hz)	Speed Range (rpm)	Permissible Torque		Start T. (N*m/Kgf*cm)	Current (A)	Condenser (μF)
				1200rpm (N*m/Kgf*cm)	90rpm (N*m/Kgf*cm)			
K7□15NJ-SU	100	50	90 ~ 1400	0.125/1.25	0.045/0.45	0.07/0.7	0.55	5
			90 ~ 1700					
K7□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		
K7□15NL-SU	200	50	90 ~ 1400	0.125/1.25	0.04/0.4	0.08/0.8	0.3	1.5
			90 ~ 1700			0.085/0.85		
K7□15NC-SU	220	50	90 ~ 1400	0.125/1.25	0.04/0.4	0.06/0.6	0.29	1
			90 ~ 1700			0.105/1.05		
		50	90 ~ 1400	0.125/1.25		0.065/0.65	0.3	
			90 ~ 1700	0.105/1.05			0.29	
K7□15ND-SU	240	50	90 ~ 1400	0.125/1.25	0.04/0.4	0.07/0.7	0.32	1

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

RATED TORQUE OF GEARHEAD

● Single-phase 100V/115V

unit = above : N · m / below : kgfcm

Model	Ratio	Speed(rpm)																							
		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
K7□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

● Single-phase 200V/240V

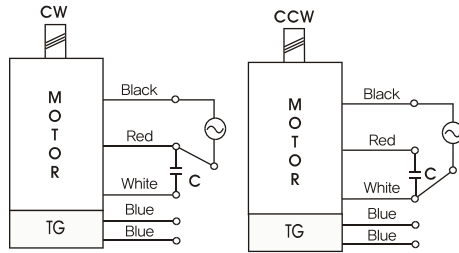
unit = above : N · m / below : kgfcm

Model	Ratio	Speed(rpm)																								
		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	
K7□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	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	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	5 50	

- * 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 5N · m/50kgfcm.
- * 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



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

DIMENSIONS

K7G□B(C)

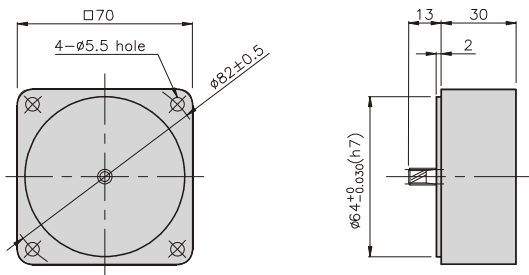


K7IG15N□-SU + K7G□B(C)



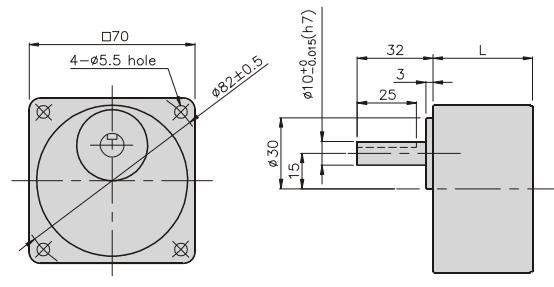
DECIMAL GEARHEAD

K7G10BX



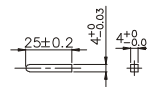
GEARHEAD

K7G□B(C)



• KEY

• KEY GROOVE



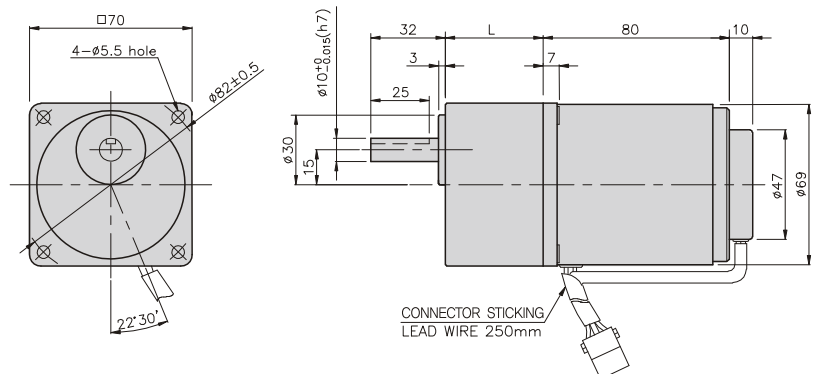
DIMENSION TABLE

PART No.	L	Application Model	Mounting BOLT
01	32	K7G3~18B(C)	M5 P0,8 X 50
02	40	K7G20~200B(C)	M5 P0,8 X 65
03	32	K7G10BX	M5 P0,8 X 90

WEIGHT

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

K7IG15N□-SU + K7G□B(C)



INDUCTION MOTOR

15W

□70mm

LEAD WIRE TYPE
TERMINAL BOX TYPE



SPECIFICATIONS

15W continuous rating, four poles

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)	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 SHAPE (S : STRAIGHT, G : PINION)

RATED TORQUE OF GEARHEAD

● 50Hz

unit = above : N · m / below : kgfcm

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
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	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	50

● 60Hz

unit = above : N · m / below : kgfcm

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
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	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	50

* 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.

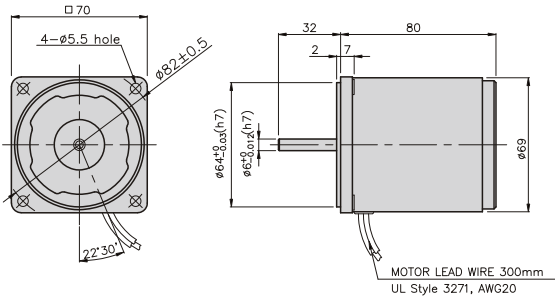
* If you are to have less ratio than the ratio in the table, you can install the decimal gearhead, which has one tenth of the ratio, between the gearhead and the motor. In this case, the permissible torque is 5N · m/50kgfcm.

* 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.

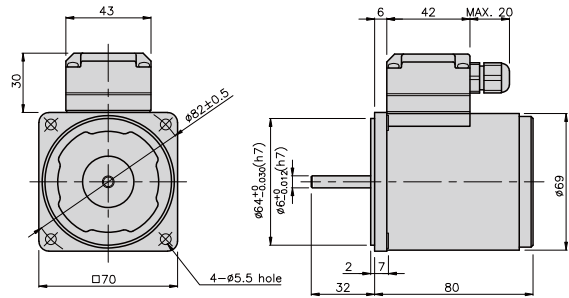
GEARHEADS

DIMENSIONS

K7IS15N □

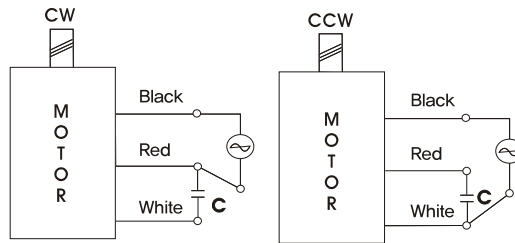


K7IS15N □-T



CONNECTION DIAGRAMS

K7IS15N □

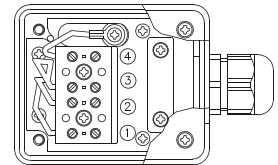
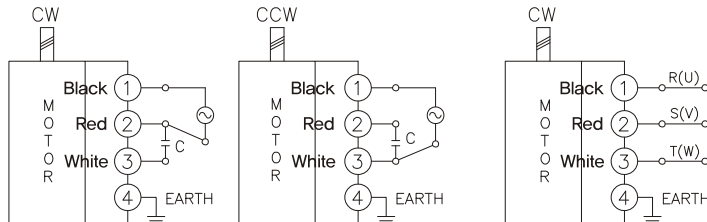


The direction of motor rotation is as viewed from the front shaft end of the motor

K7IS15N □-T

single phase motor

three phase motor



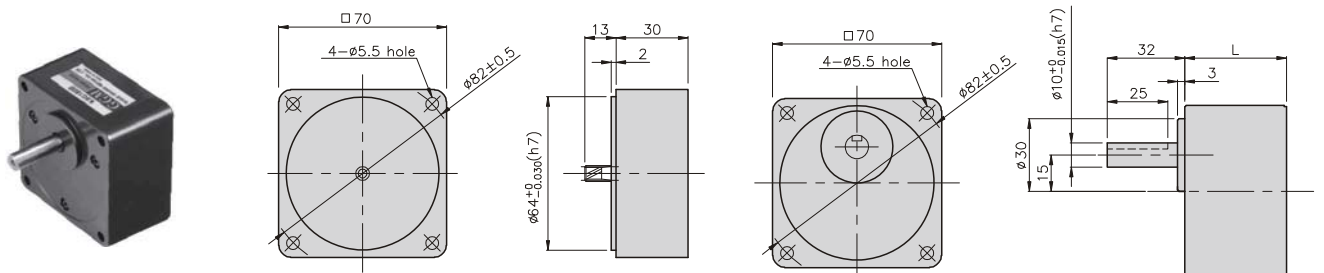
The direction of motor rotation is as viewed from the front shaft end of the motor

DIMENSIONS

K7G □B(C)

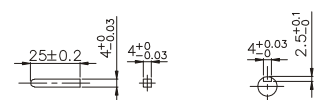
DECIMAL GEARHEAD
K7G10BX

GEARHEAD
K7G □B(C)



• KEY

• KEY GROOVE



GEARHEADS

DIMENSIONS

K7IG15N□ + K7G□B(C)



K7IG15N□-T + K7G□B(C)



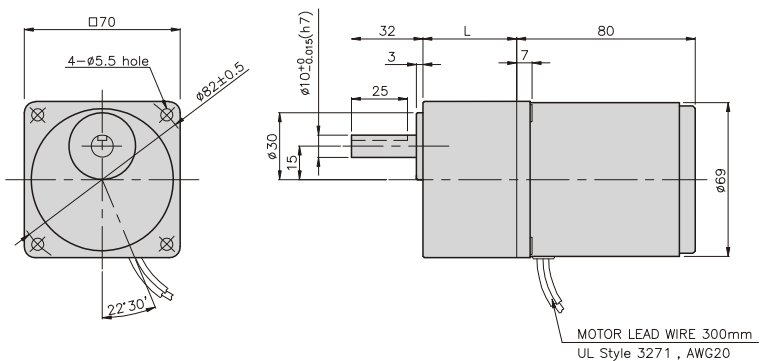
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,07	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7IG15N□ + K7G□B(C)



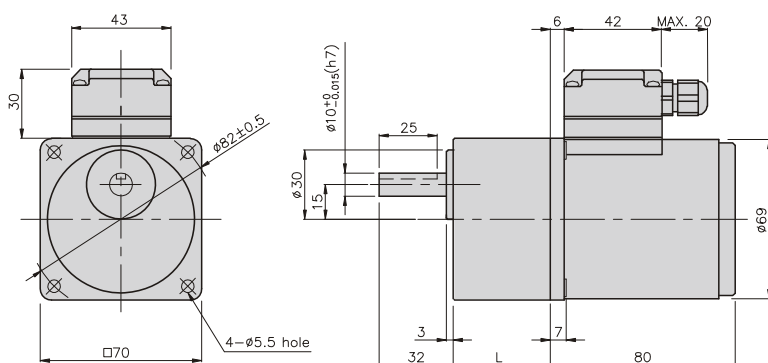
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,10	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7IG15N□-T + K7G□B(C)



REVERSIBLE MOTOR

15W

□70mm

LEAD WIRE TYPE TERMINAL BOX TYPE

K7RS15N□



K7RS15N□-T



SPECIFICATIONS

15W continuous rating, four poles

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)	single-phase	100	50	0,46	0,115/1,15	0,12/1,2	1250	7
			60	0,48		0,1/1	1500	
K7R□15NU(-T)	single-phase	110	60	0,47	0,12/1,2	0,1/1	1500	6
		115		0,49				
K7R□15NL(-T)	single-phase	200	50	0,23	0,115/1,15	0,12/1,2	1250	2
			60	0,28		0,1/1	1500	
K7R□15NC(-T)	single-phase	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)	single-phase	240	50	0,25	0,13/1,3	0,12/1,2	1250	1,5

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

RATED TORQUE OF GEARHEAD

● 50Hz

unit = above : N·m / below : kgfcm

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

unit = above : N·m / below : kgfcm

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 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.

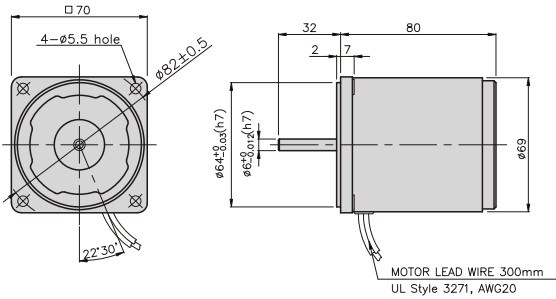
* If you are to have less ratio than the ratio in the table, you can install the decimal gearhead, which has one tenth of the ratio, between the gearhead and the motor. In this case, the permissible torque is 5N·m/50kgfcm.

* 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.

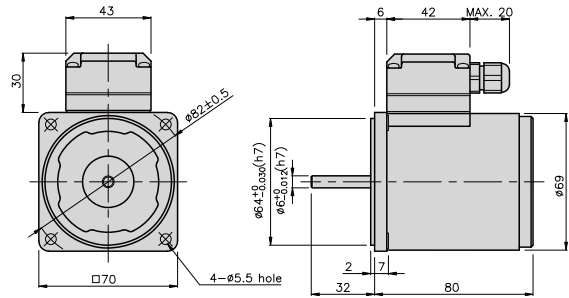
GEARHEADS

DIMENSIONS

K7RS15N□

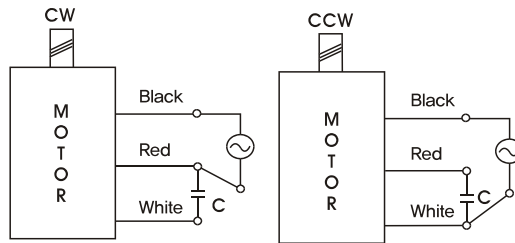


K7RS15N□-T



CONNECTION DIAGRAMS

K7RS15N□

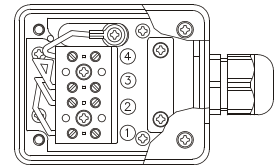
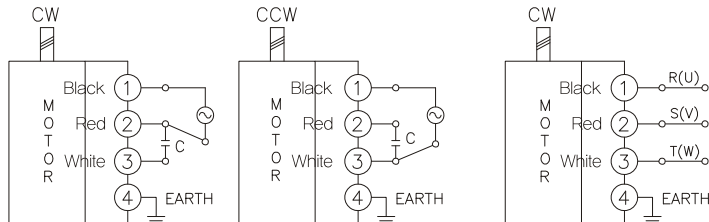


The direction of motor rotation is as viewed from the front shaft end of the motor

K7RS15N□-T

single phase motor

three phase motor



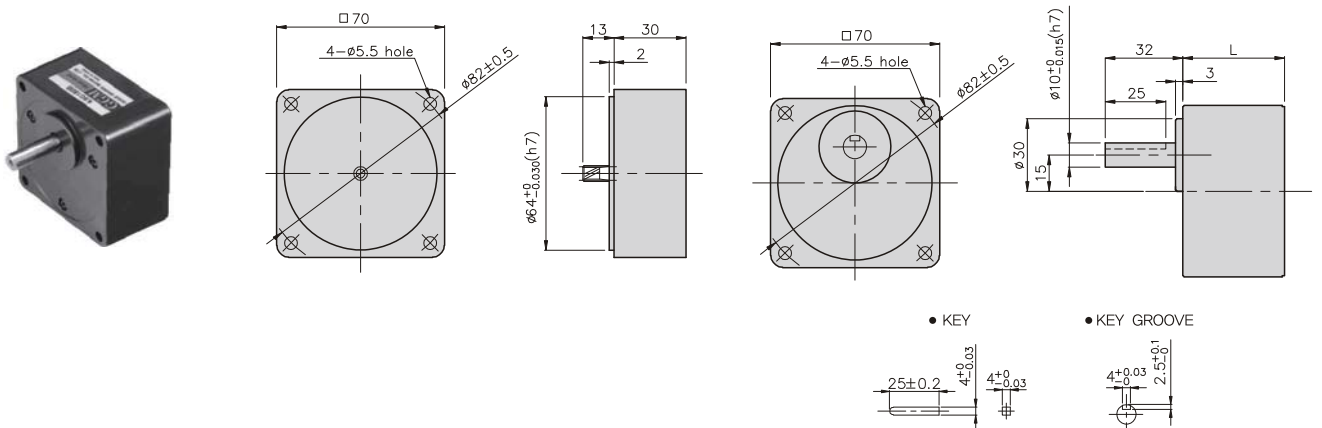
The direction of motor rotation is as viewed from the front shaft end of the motor

DIMENSIONS

K7G□B(C)

DECIMAL GEARHEAD
K7G10BX

GEARHEAD
K7G□B(C)



GEARHEADS

DIMENSIONS

K7RG15N□ + K7G□B(C)



K7RG15N□-T + K7G□B(C)



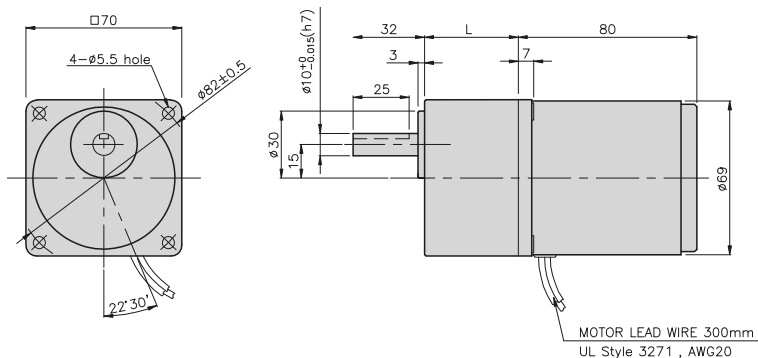
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,07	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7RG15N□ + K7G□B(C)



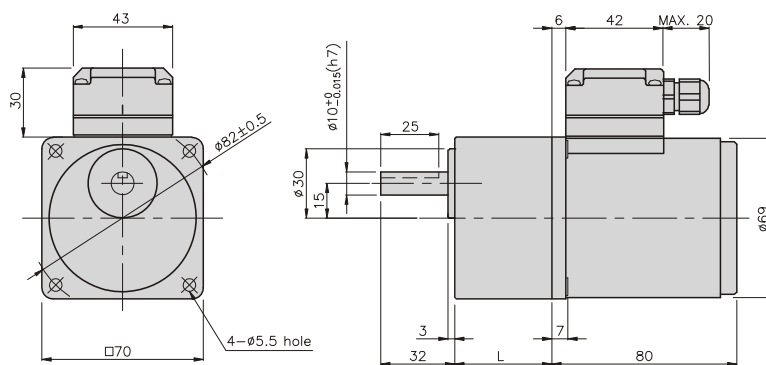
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,10	
DECIMAL GEAR HEAD	0,32	
GEAR HEAD	K7G3~18B(C)	0,38
	K7G20~40B(C)	0,46
	K7G60~200B(C)	0,51

K7RG15N□-T + K7G□B(C)



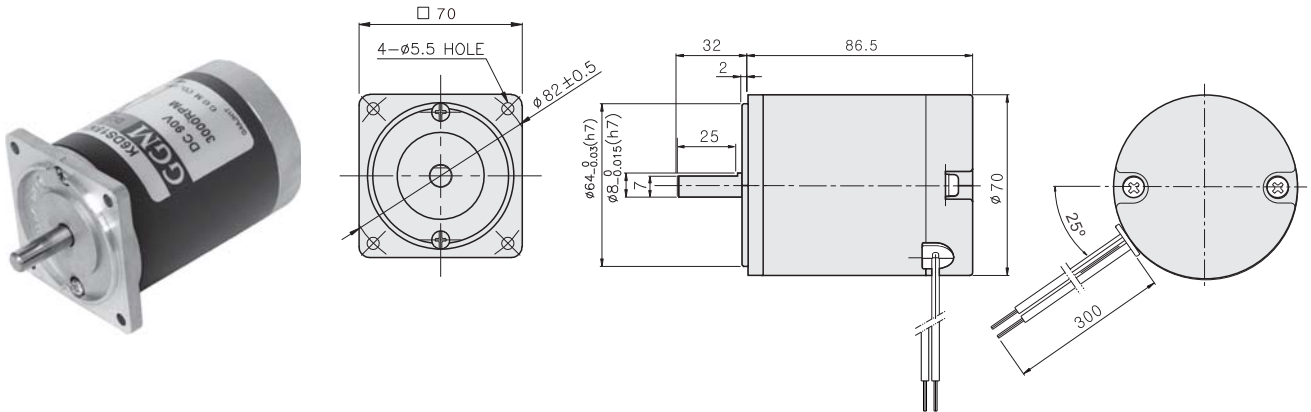
DC MOTORS

15W

□70mm

DIMENSIONS

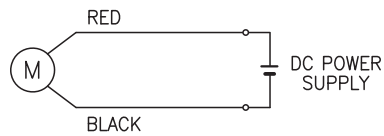
K7DS□N□



CONNECTION DIAGRAMS

RED ← ⊕ CW
BLACK ← ⊕ CCW

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



SPECIFICATIONS

Model	Output (W)	Voltage (V)	RATED			Start T. (N·m/ Kgf·Cm)	Starting Current (A)
			Speed (rpm)	Torque (N·m/ Kgf·Cm)	Current (A)		
K7D□15N1	15	12	3000	0.05/0.5	3.1	0.29/2.9	16
K7D□15N2		24					
K7D□15N3		90					

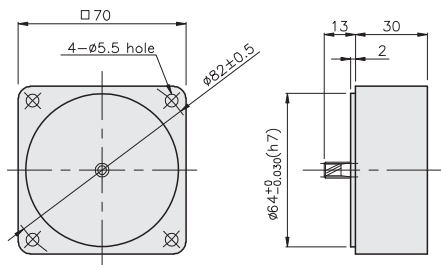
* □ : SHAFT SHAPE (S : STRAIGHT, G : PINION)

GEARHEAD

DIMENSIONS

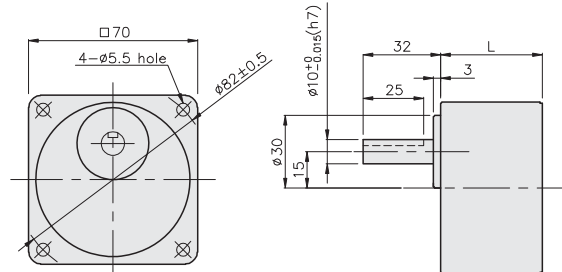
DECIMAL GEARHEAD

K7G10BX



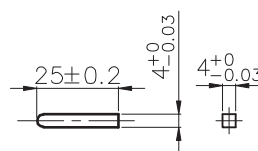
GEAR HEAD

K7G□B(C)

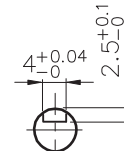


KEY SPEC

● KEY



● KEY GROOVE



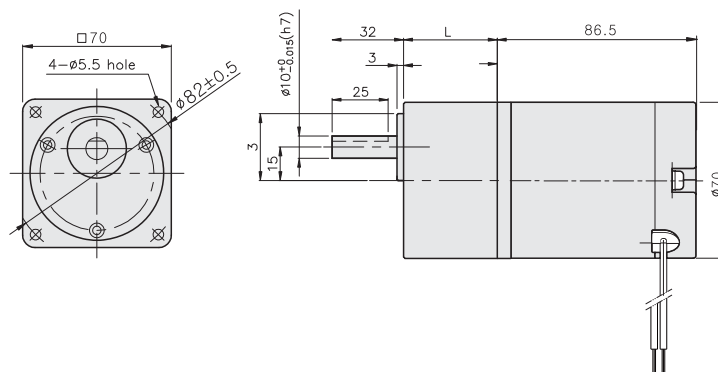
DIMENSION TABLE

PART No	L	Application Model	Mounting 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

WEIGHT

PART	WEIGHT(kg)	
MOTOR	0.95	
K7G10BX	0.32	
GEAR HEAD	K7G3~18B(C)	0.38
	K7G20~40B(C)	0.46
	K7G50~200B(C)	0.51

K7DG15N□ + K7G□B(C)



RATED TORQUE OF GEARHEAD

● K7G□B(C)

unit = above : N · m / below : kgfcm

Model	Speed (rpm)	Ratio																								
		1000	833	600	500	400	333	300	240	200	167	150	120	100	83	75	60	50	40	33	30	25	20	17	15	12
K7DG15N□	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
	Speed	0.12 1.2	0.14 1.4	0.20 2.0	0.24 2.4	0.30 3.0	0.36 3.6	0.39 3.9	0.49 4.9	0.59 5.9	0.71 7.1	0.71 7.1	0.89 8.9	1.07 10.7	1.28 12.8	1.42 14.2	1.60 16.0	1.92 19.2	2.40 24.0	2.88 28.8	3.20 32.0	3.83 38.3	4.79 47.9	5 50	5 50	5 50

* 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 5N · m/50kgfcm.