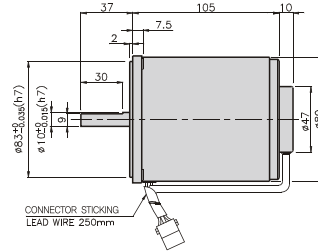
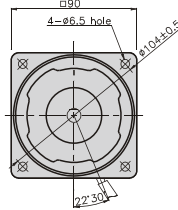


## SPEED CONTROL MOTOR - SU SERIES

### 40W

### □90mm

K9□S40N□-SU



### SPECIFICATIONS

40W 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)				
K9□40NJ-SU	100	50	90 ~ 1400	0,26/2,6	0,07/0,7	0,14/1,4	1,3	12	
		60	90 ~ 1700						
K9□40NU-SU	110	60	90 ~ 1700	0,26/2,6	0,07/0,7	0,13/1,3	1,1	8	
	115								
K9□40NL-SU	200	50	90 ~ 1400	0,3/3	0,063/0,63	0,14/1,4	0,6	3	
		60	90 ~ 1700						
K9□40NC-SU	220	50	90 ~ 1400	0,3/3	0,063/0,63	0,14/1,4	0,58	2,5	
		60	90 ~ 1700			0,23/2,3			0,62
		50	90 ~ 1400			0,3/3	0,14/1,4		0,6
		60	90 ~ 1700			0,23/2,3	0,13/1,3		
K9□40ND-SU	240	50	90 ~ 1400	0,3/3	0,063/6,3	0,13/1,3	0,6	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	
K9□40N□-SU K9G□B(C)	1200	0,63 6,3	0,76 7,6	1,05 10,5	1,26 12,6	1,58 15,8	1,90 19,0	2,11 21,1	2,63 26,3	3,16 31,6	3,79 37,9	4,74 47,7	5,69 56,9	6,82 68,2	7,58 75,8	8,53 85,3	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100
	90	0,17 1,7	0,20 2,0	0,28 2,8	0,34 3,4	0,43 4,3	0,51 5,1	0,57 5,7	0,71 7,1	0,85 8,5	1,02 10,2	1,28 12,8	1,53 15,3	1,84 18,4	2,04 20,4	2,30 23,0	2,76 27,6	3,44 34,4	4,13 41,3	4,59 45,9	5,51 55,1	6,89 68,9	8,27 82,7	9,19 91,9		

#### ● Single-phase 200V/240V

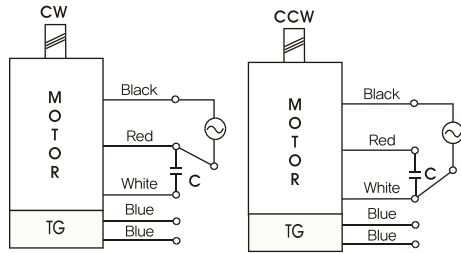
unit = above : N·m / below : kgfcm

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	
K9□40N□-SU K9G□B(C)	1200	200V/220V/ 230V/240V/50Hz	0,73 7,3	0,87 8,7	1,22 12,2	1,46 14,6	1,82 18,2	2,19 21,9	2,43 24,3	3,04 30,4	3,65 36,5	4,37 43,7	5,47 54,7	6,56 65,6	7,87 78,7	8,75 87,5	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100
		200V/220V/ 230V/60Hz	0,56 5,6	0,67 6,7	0,93 9,3	1,12 11,2	1,40 14,0	1,68 16,8	1,86 18,6	2,33 23,3	2,79 27,9	3,35 33,5	4,19 41,9	5,03 50,3	6,04 60,4	6,71 67,1	8,38 83,8	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100	10 100
	90	0,15 1,5	0,18 1,8	0,26 2,6	0,31 3,1	0,38 3,8	0,46 4,6	0,51 5,1	0,64 6,4	0,77 7,7	0,92 9,2	1,15 11,5	1,38 13,8	1,65 16,5	1,84 18,4	2,07 20,7	2,48 24,8	3,10 31,0	3,72 37,2	4,13 41,3	4,96 49,6	6,20 62,0	7,44 74,4	8,27 82,7		

- \* Gearhead 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 10N·m/100kgfcm.
- \* 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

K9G□B(C)

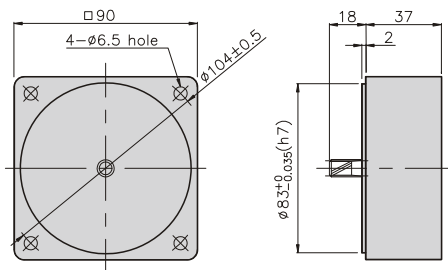


K9IG40N□-SU + K9G□B(C)



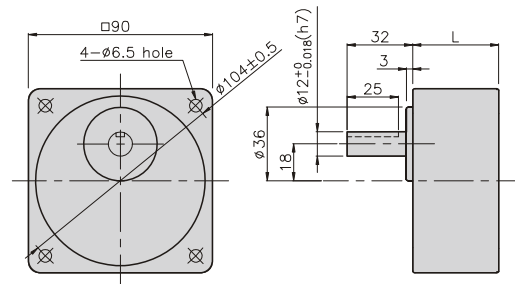
DECIMAL GEARHEAD

K9G10BX



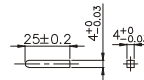
GEARHEAD

K9G□B(C)



• KEY

• KEY GROOVE



### DIMENSION TABLE

PART No.	L	Application Model	Mounting 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

### WEIGHT

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

K9IG40N□-SU + K9G□B(C)

