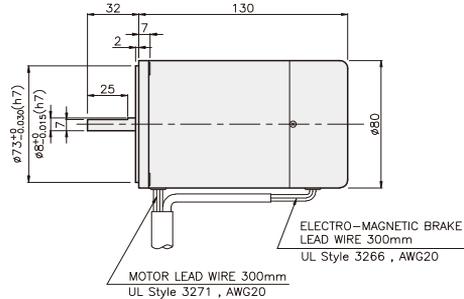
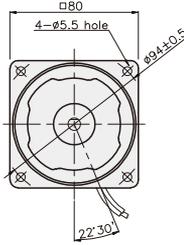


BRAKE MOTOR

25W

□80mm

K8□S25N□-B



SPECIFICATIONS

25W single-phase : 30 minutes rating, three-phase : continuous 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))					
K8R□25NJ-B	single-phase	30 minutes	100	50	0.65	0.15/1.5	0.195/1.95	1250	10	0.4/4				
				60	0.74		0.165/1.65							
			K8R□25NU-B	110	60	50	0.51	0.13/1.3			0.165/1.65	1500	6	0.4/4
						115	0.54							
			K8R□25NL-B	200	30 minutes	50	0.33	0.16/1.6			0.195/1.95	1250	2.5	0.4/4
							60				0.37			
K8R□25NC-B	220	30 minutes	50	0.29	0.15/1.5	0.195/1.95	1250	2	0.4/4					
				60		0.34				0.165/1.65				
				230		50				0.35	0.195/1.95	1250		
K8R□25ND-B	240	30 minutes	50	0.32	0.165/1.65	0.195/1.95	1500	1.5	0.4/4					
				60		0.34				0.165/1.65				
				60		0.34				0.165/1.65				
K8I□25NT-B	200	three-phase	50	0.27	0.5/5	0.19/1.9	1300	-	0.4/4					
				60		0.24				0.16/1.6				
K8I□25NH-B	220	three-phase	50	0.28	0.48/4.8	0.185/1.85	1350	-	0.4/4					
				60		0.24				0.155/1.55				
				230		50				0.29	0.65/6.5	0.185/1.85	1350	
K8I□25NM-B	380	three-phase	50	0.17	0.6/6	0.19/1.9	1300	-	0.4/4					
				60		0.14				0.155/1.55				
K8I□25NV-B	400	three-phase	50	0.17	0.73/7.3	0.19/1.9	1300	-	0.4/4					
				60		0.15				0.155/1.55				
K8I□25NQ-B	415	three-phase	50	0.13	0.55/5.5	0.19/1.9	1300	-	0.4/4					
				60		0.11				0.155/1.55				
K8I□25NZ-B	440	three-phase	50	0.14	0.63/6.3	0.19/1.9	1300	-	0.4/4					
				60		0.12				0.155/1.55				

* □ : SHAFT SHAPE (S : STRAIGHT, G : PINION) * NH-B, NU-B which are in end of the model name is UL certified ones. UL FILE NO. E204632
 * 3 phase motor for over 380 voltage can't be used with inverter. Motor winding insulation can be damaged.

RATED TORQUE OF GEARHEAD

● 50Hz

unit = above : N·m / below : Kgf·cm

Model	Speed(rpm)	500	46	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	
K8□G25N□-B K8G□B(C)	0,45	0,54	0,75	0,90	1,12	1,35	1,50	1,87	2,25	2,70	2,70	3,37	4,05	4,86	5,39	6,07	7,28	8	8	8	8	8	8	8	8	8	8
	4,5	5,4	7,5	9,0	11,2	13,5	15,0	18,7	22,5	27,0	27,0	33,7	40,5	48,6	53,9	60,7	72,8	80	80	80	80	80	80	80	80	80	80

● 60Hz

unit = above : N·m / below : Kgf·cm

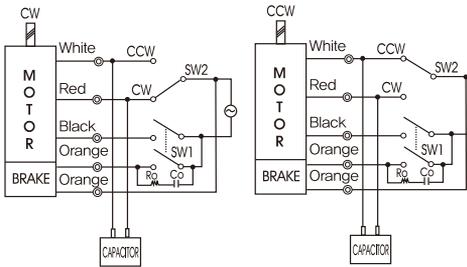
Model	Speed(rpm)	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9	7,2	
Motor/ Gearhead	Ratio	3	3,6	5	6	7,5	9	10	12,5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	250	
K8□G25N□-B K8G□B(C)	0,38	0,45	0,63	0,75	0,94	1,13	1,26	1,57	1,88	2,26	2,26	2,82	3,39	4,07	4,52	5,08	6,10	7,63	8	8	8	8	8	8	8	8	8
	3,8	4,5	6,3	7,5	9,4	11,3	12,6	15,7	18,8	22,6	22,6	28,2	33,9	40,7	45,2	50,8	61,0	76,3	80	80	80	80	80	80	80	80	80

* 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 8N·m/80kgf·cm. But, if you install 1/25~1/40 gearhead, the permissible torque is 6N·m/60kgf·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.

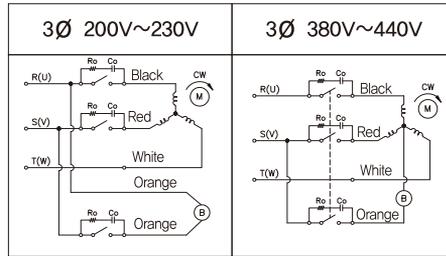
GEARHEADS

CONNECTION DIAGRAMS

single phase motor



three phase motor



connecting two leadwires of U,V,W in turns

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

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

DIMENSIONS

K8G□B(C)

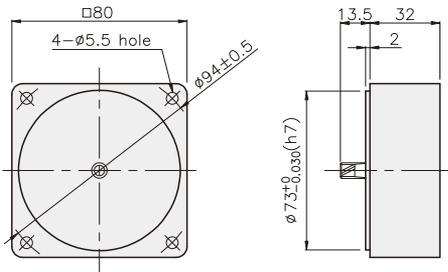


K8□G25N□-B + K8G□B(C)



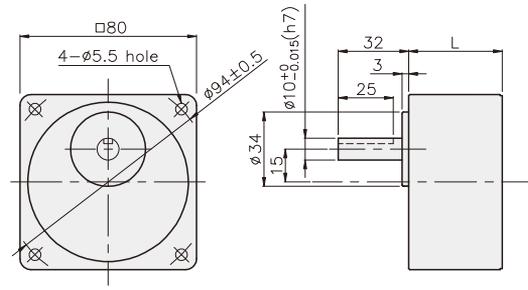
DECIMAL GEARHEAD

K8G10BX



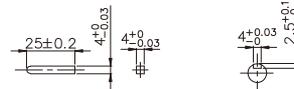
GEARHEAD

K8G□B(C)



• KEY

• KEY GROOVE



DIMENSION TABLE

PART No	L	Application Model	Mounting BOLT
01	32	K8G3~18B(C)	M4 P0,8 X 50
02	42,5	K8G20~250B(C)	M4 P0,8 X 65
03	32	K8G10BX	M4 P0,8 X 95

WEIGHT

PART	WEIGHT(kg)	
MOTOR	1,84	
DECIMAL GEAR HEAD	0,46	
GEAR HEAD	K8G3~18B(C)	0,51
	K8G20~40B(C)	0,64
	K8G50~250B(C)	0,70

K8□G25N□-B + K8G□B(C)

