6W

ELECTROMAGNETIC BRAKE MOTOR □60mm LEAD WIRE TYPE

SIZE mm sq.	Type	Poles	Output	Voltage	Frequency	Duty	Rated Load				Starting Torque		Capacitor
							Current	Speed	Torque				
			(W)	(V)	(Hz)		(A)	(rpm)	(kg-cm)	(N-m)	(kg-cm)	(N-m)	(uF)
60	S6R06GA-E S6R06GA-ECE	4	6	1Ø 110	60	30min.	0.23	1500	0.40	0.040	0.65	0.065	3.0
	S6R06GB-E S6R06GB-ECE	4	6	1Ø 220	60	30min.	0.12	1550	0.40	0.040	0.70	0.070	0.8
	S6R06GC-E S6R06GC-ECE	4	6	1Ø 100	50	30min.	0.21	1200	0.50	0.050	0.50	0.050	3.0
					60			1450	0.42	0.042			
	S6R06GD-E S6R06GD-ECE	4	6	1Ø 200	50	30min.	0.11	1200	0.50	0.050	0.55	0.055	0.8
					60			1500	0.42	0.042			
	S6R06GE-E S6R06GE-ECE	4	6	1Ø 100	50	30min.	0.20	1200	0.52	0.052	0.60	0.060	3.5
					60		0.23	1500	0.43	0.043			
				1Ø 115	60		0.17	1550	0.40	0.040	0.58	0.058	2.3
	S6R06GX-E S6R06GX-ECE	4	6	1Ø 220	50	30min.	0.09	1200	0.50	0.050	0.55	0.055	0.7
				1Ø 240			0.10		0.52	0.052	0.65	0.065	

- S6R06GE-E is UL approved(UL FILE NO. E172722) impedance protected.
- Please use appropriate capacitors according to the using voltage for S6R06GE-E type since the size of the capacitors differ to the different voltages and when not used properly, it may cause malfunction. Please inform required voltage when ordering or capacitor for 115V will be delivered.
- "CE" marked at the end of model name indicates that it is impedance protected type which has received CE (File NO. E9766002E01, Certificate Institute: TÜV Rhinland)S6R06GE-ECE is available only for 115V specification.
- Above data is measured with brake removed from electromagnetic brake motor.
- There is no marked the 'L' code for it is an exclusive use.

■50Hz

MODEL	GEAR 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
	rpm	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10	8	7.5	6
S6DA□B	kg-cm	1.3	1.5	2.1	2.6	3.2	3.9	4.3	5.4	6.4	7.7	7.7	9.7	11.6	13.9	15.5	17.5	21.0	26.2	30.0	30.0	30.0	30.0	30.0	30.0	30.0
	N·m	0.127	0.147	0.206	0.255	0.314	0.382	0.421	0.529	0.627	0.755	0.755	0.951	1.137	1.362	1.519	1.715	2.058	2.568	2.942	2.942	2.942	2.942	2.942	2.942	2.942

■60Hz

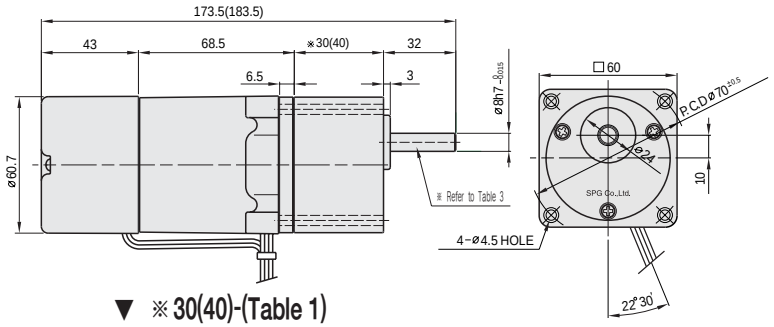
MODEL	GEAR RATIO	3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200	250
	rpm	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9	7.2
S6DA□B	kg.-cm	1.0	1.3	1.7	2.1	2.6	3.1	3.5	4.4	5.2	6.3	6.3	7.8	9.4	11.3	12.6	14.2	17.0	21.3	25.5	28.4	30.0	30.0	30.0	30.0	30.0
	N·m	0.098	0.127	0.167	0.206	0.255	0.304	0.343	0.431	0.510	0.617	0.617	0.764	0.921	1.107	1.235	1.392	1.666	2.087	2.499	2.783	2.942	2.942	2.942	2.942	2.942

- The code in □of gearhead model is for gear ratio.
- It is the permissible torque of the assembled motor and gearhead.
- The permissible torque of the assembled with motor and inter-decimal gearhead is 30㎏·㎝.
- ■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.
- Rotational speed based on synchronous speed (50Hz:1500rpm, 60Hz:1800rpm) divided by gear ratio. The actual rotation speed is less 2-20% than the displayed value according to the load.
- There is no marked the 'L' code for it is an exclusive use.

■ DIMENSIONS

▼ GEARED MOTOR

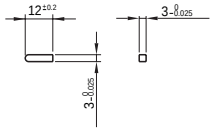
※MOTOR MODEL : S6R06G□-E
※HEAD MODEL : S6□A3□~S6□A250□



▼ ※30(40)-(Table 1)

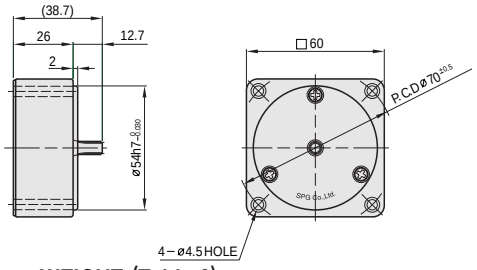
GEAR RATIO	SIZE(mm)
S6□A3□~S6□A18□	30
S6□A20□~S6□A250□	40

▼ KEY SPEC



▼ INTER-DECIMAL GEARHEAD

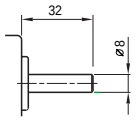
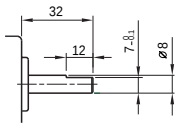
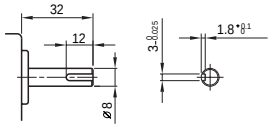
※MODEL : S6GX10B



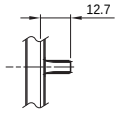
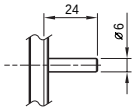
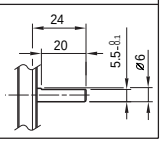
▼ WEIGHT-(Table 2)

PART		WEIGHT(Kg)
MOTOR		0.95
DECIMAL GEARHEAD		0.18
GEAR HEAD	S6□A3□ ~S6□A18□	0.24
	S6□A20□ ~S6□A40□	0.30
	S6□A50□ ~S6□A250□	0.33

▼ SPEC for output shaft of gearhead-(Table 3)

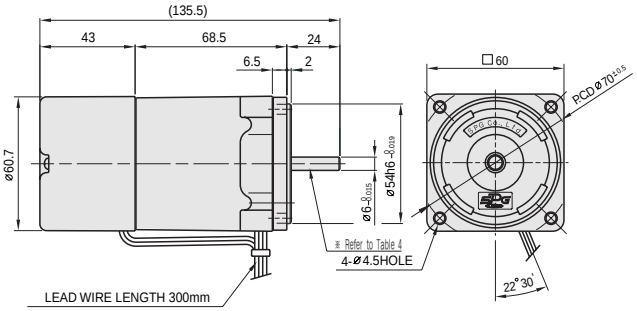
MODEL	TYPES OF OUTPUT SHAFT
STRAIGHT TYPE S6SA3□ ~S6SA250□	
D-CUT TYPE S6DA3□ ~S6DA250□	
KEY TYPE S6KA3□ ~S6KA250□	

▼ SPEC for output shaft of motor-(Table 4)

MODEL	TYPES OF OUTPUT SHAFT
GEAR TYPE S6R06G□-E	
STRAIGHT TYPE S6R06S□-E	
D-CUT TYPE S6R06D□-E	

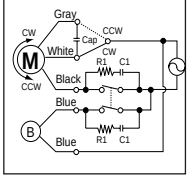
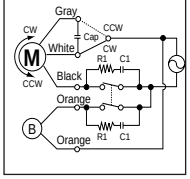
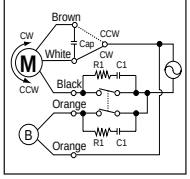
▼ MOTOR

※MOTOR MODEL : S6R06□□-E



■ SCHEMATIC DIAGRAMS

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

S6R06GA-E S6R06GA-ECE S6R06GC-E S6R06GE-E S6R06GC-ECE S6R06GE-ECE	S6R06GB-E S6R06GB-ECE S6R06GD-E S6R06GD-ECE	S6R06GX-E S6R06GX-ECE
CW,CCW	**CW,CCW**	**CW,CCW**
		

R_1 = 10~200 Ω (Min.1/4W)
C_1 = 0.1~0.33μF(AC125WV or AC250WV)