



200W

INDUCTION MOTOR □ 90mm LEAD WIRE TYPE

SIZE mm sq.	Type	Poles	Output (w)	Voltage (V)	Frequency (Hz)	Duty	Rated Load				Starting Torque		Capacitor (uF)
							Current (A)	Speed (rpm)	Torque (kg-cm) (N-m)		(kg-cm)	(N-m)	
90	S9I200GU S9I200GUCE	4	200	3 ∅ 200	50	Cont.	1.3	1250	16.00	1.600	24.00	2.400	—
					60		1.2	1500	13.40	1.340	20.00	2.000	
	S9I200GT S9I200GTCE	4	200	3 ∅ 220	50	Cont.	1.3	1300	15.00	1.500	30.00	3.000	—
					60		1.2	1550	12.90	1.290	25.00	2.500	
	S9I200GS S9I200GSCE	4	200	3 ∅ 380	50	Cont.	0.62	1250	16.00	1.600	26.00	2.600	—
					60		0.55	1500	13.40	1.340	22.00	2.200	
				3 ∅ 400	50	Cont.	0.64	1250	16.00	1.600	30.00	3.000	—
					60		0.55	1500	13.40	1.340	25.00	2.500	

- ❖ TP marked at the end of the model name indicates that it is standard motor with Thermal Protector mounted.
- ❖ Only "H" type is applicable.
- ❖ For a three-phase 380V~440V motor, be cautious when using the inverter. When inverter is used, the insulation of winding becomes hot and may cause damage to motor.

50Hz

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
MODEL	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
	kg-cm	39.0	47.0	64.8	77.8	97.2	117	130	146	175	210	233	262	300	300	300	300	300	300	300	300	300	300	300	300
S9KH□B	N·m	3.813	4.609	6.355	7.626	9.532	11.47	12.75	14.32	17.16	20.59	22.88	25.74	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42

60Hz

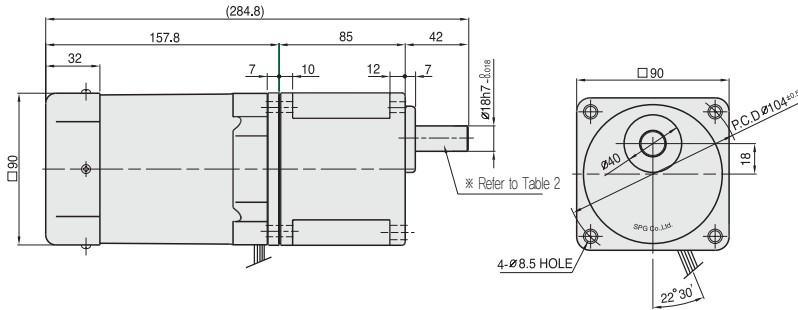
GEAR RATIO		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
MODEL	rpm	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
	kg-cm	32.0	38.3	53.3	64.0	79.9	96.0	107	120	144	173	192	216	259	300	300	300	300	300	300	3000	300	300	300	300
S9KH□B	N·m	3.134	3.760	5.223	6.267	7.384	9.414	10.49	11.75	14.10	16.97	18.83	21.18	25.40	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42	29.42

- ❖ The code in □ of gearhead model is for gear ratio.
- ❖ It is the permissible torque of the assembled motor and gearhead.
- ❖ ■ 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.
- ❖ Rpm is based on synchronous speed (50Hz: 1500rpm, 60Hz: 1800rpm) divided by gear ratio. The actual rotation speed can be 2~20% less than displayed value depending on the load.
- ❖ Only "H" type is applicable.

DIMENSIONS

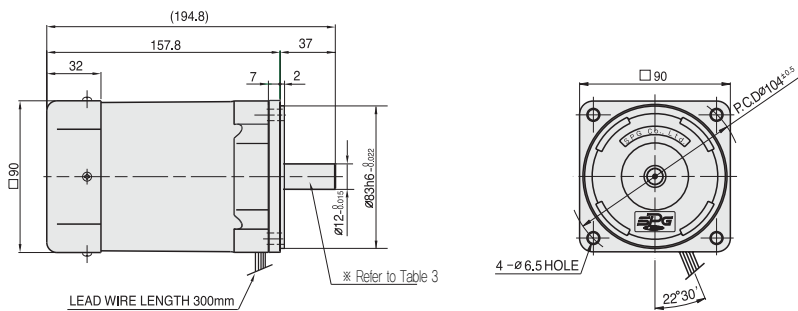
+ GEARED MOTOR

- * MOTOR MODEL : S9I200G□
- * HEAD MODEL : S9□H3B~S9□H200B



+ MOTOR

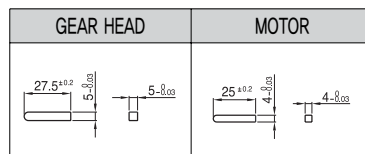
- * MOTOR MODEL : S9I200□□



+ WEIGHT - (Table1)

PART		WEIGHT(kg)
MOTOR		3.70
GEAR HEAD	S9□H3B ~S9□H10B	1.65
	S9□H12.5B ~S9□H20B	1.80
	S9□H25B ~S9□H60B	1.90
	S9□H75B ~S9□H200B	1.95

+ KEY SPEC



+ SPEC for output shaft of gearhead - (Table2)

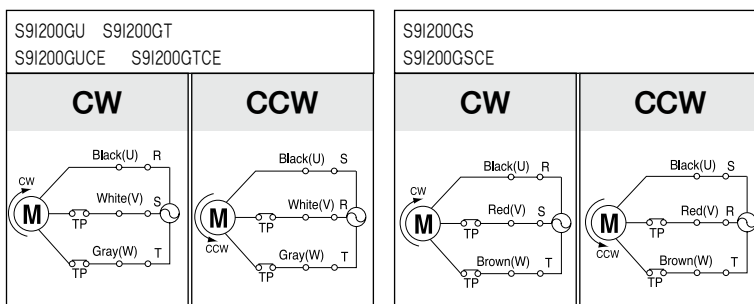
MODEL	TYPES OF OUTPUT SHAFT
STRAIGHT TYPE	
S9SH3B ~S9SH200B	
D-CUT TYPE	
S9DH3B ~S9DH200B	
KEY TYPE	
S9KH3B ~S9KH200B	

+ SPEC for output shaft of motor - (Table3)

MODEL	TYPES OF OUTPUT SHAFT
GEAR TYPE	
S9I200G□	
STRAIGHT TYPE	
S9I200S□	
D-CUT TYPE	
S9I200D□	
KEY TYPE	
S9I200K□	

SCHEMATIC DIAGRAMS

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



Change the direction of motor rotation only after the motor stops completely. If an attempt is made to change the direction of rotation while the motor is running, the motor may ignore the reversing command or change its direction of rotation after some delay.