15W

INDUCTION MOTOR
□70mm 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)
70	S7I15GA S7I15GA(TP) S7I15GACE	4	15	1Ø 110	60	Cont.	0.34	1600	1.00	0.100	1.10	0.110	5.0
	S7I15GB S7I15GB(TP) S7I15GBCE	4	15	1Ø 220	60	Cont.	0.19	1550	1.10	0.110	1.10	0.110	1.2
	S7I15GC S7I15GC(TP) S7I15GCCE	4	15	1Ø 100	50	Cont.	0.35	1250	1.20	0.120	0.90	0.090	5.0
					60		0.34	1550	1.00	0.100			
	S7I15GD S7I15GD(TP) S7I15GDCE	4	15	1Ø 200	50	Cont.	0.19	1200	1.25	0.125	0.90	0.090	1.2
					60		0.18	1500	1.20	0.120			
	S7I15GE S7I15GECE	4	15	1Ø 100	50	Cont.	0.26	1200	1.25	0.125	0.90	0.090	5.0
					60		0.33	1550	1.00	0.100			
				1Ø 115	60		0.30	1600	1.00	0.100			4.0
	S7I15GX S7I15GXCE	4	15	1Ø 220	50	Cont.	0.16	1200	1.25	0.125	0.75	0.075	0.9
				1Ø 240			0.18		1.35	0.135	0.90	0.090	

- S7I15GE is UL approved (UL FILE No.E172720) thermally protected type.
- Please use appropriate capacitors according to the using voltage for S7I15GE 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 bedelivered.
- "CE" marked at the end of model name indicates that it is thermally protected type which has received CE (File NO.E9766002E01, Certificate Institute: TÜV Rhinland) with built-in TPS7I15GECE is available only for 115V specification.
- "TP" marked at the end of the model name indicates that it is standard motor with Thermal Protector mounted S7I15GE, S7I15GX is thermally protected type with TP mounted.
- There is no marked the 'L' code for it is an exclusive use.

■50Hz

GEAR RATIO / MODEL		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
	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
S7KA□B	kg-cm	3.2	3.9	5.4	6.5	8.1	9.7	10.8	13.5	16.2	19.4	19.4	24.2	29.1	34.9	38.8	43.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	N·m	0.314	0.382	0.530	0.637	0.794	0.951	1.059	1.324	1.587	1.902	1.902	2.373	2.854	3.423	3.805	4.276	4.900	4.900	4.900	4.900	4.900	4.900	4.900	4.900

■60Hz

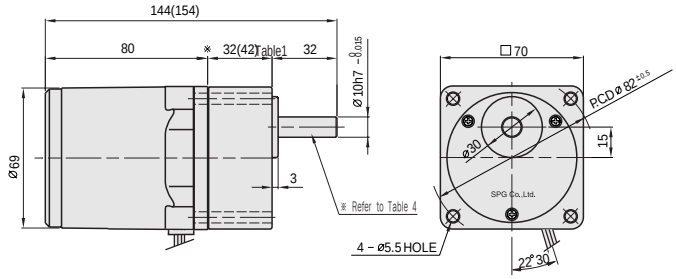
GEAR RATIO / MODEL		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
	rpm	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
S7KA□B	kg-cm	3.0	3.6	5.1	6.1	7.6	9.1	10.1	12.7	15.2	18.2	18.2	22.8	27.3	32.8	36.5	41.0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	N·m	0.294	0.353	0.500	0.598	0.745	0.892	0.990	1.245	1.491	1.785	1.785	2.236	2.677	3.217	3.579	4.021	4.825	4.900	4.900	4.900	4.900	4.900	4.900	4.900

- 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 50㎏·㎝.
- ■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

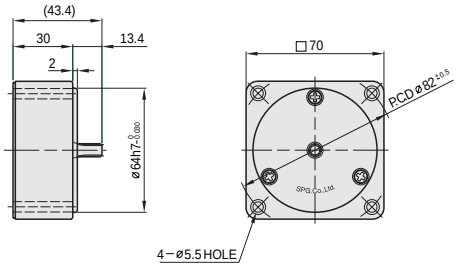
▼ GEARED MOTOR

※MOTOR MODEL : S7I15G□
※HEAD MODEL : S7□A3□~S7□A200□



▼ INTER-DECIMAL GEAR HEAD

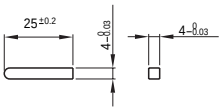
※ MODEL : S7GX10B



▼ ※32(42)-(Table 1)

GEAR RATIO	SIZE(mm)
S7□A3□~S7□A18□	32
S7□A20□~S7□A200□	42

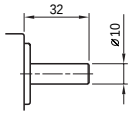
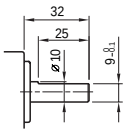
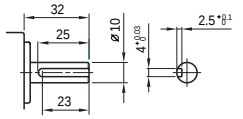
▼ KEY SPEC



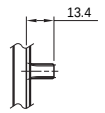
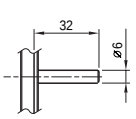
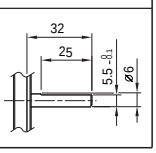
▼ WEIGHT-(Table 2)

PART		WEIGHT(kg)
MOTOR		1.04
DECIMAL GEARHEAD		0.32
GEAR HEAD	S7□A3□ ~S7□A18□	0.38
	S7□A20□ ~S7□A40□	0.47
	S7□A50□ ~S7□A200□	0.52

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

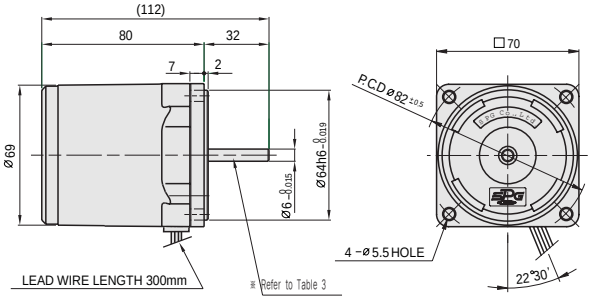
MODEL	TYPE OF OUTPUT SHAFT
STRAIGHT TYPE S7SA3□ ~S7SA200□	
D-CUT TYPE S7DA3□ ~S7DA200□	
KEY TYPE S7KA3□ ~S7KA200□	

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

MODEL	TYPE OF OUTPUT SHAFT
GEAR TYPE S7I15G□	
STRAIGHT TYPE S7I15S□	
D-CUT TYPE S7I15D□	

▼ MOTOR

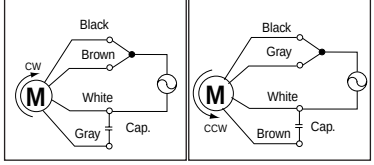
※MOTOR MODEL : S7I15□□



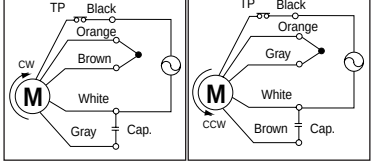
SCHEMATIC DIAGRAMS

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

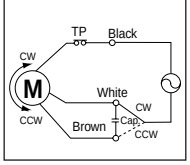
S7I15GA S7I15GB
S7I15GC S7I15GD



S7I15GA(TP) S7I15GB(TP)
S7I15GC(TP) S7I15GD(TP)
S7I15GACE S7I15GBCE S7I15GE
S7I15GCCE S7I15GDCE S7I15GECE



S7I15GX
S7I15GXCE



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.