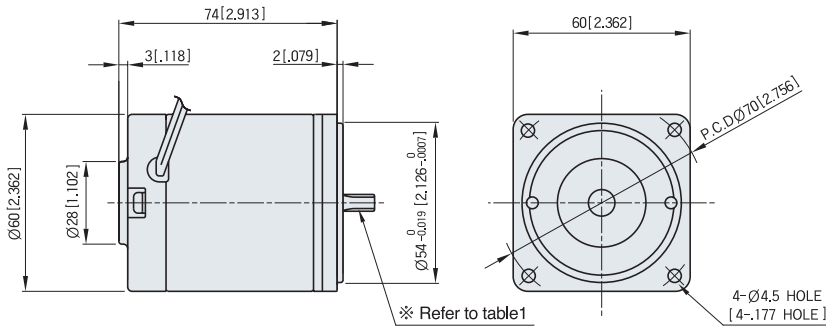


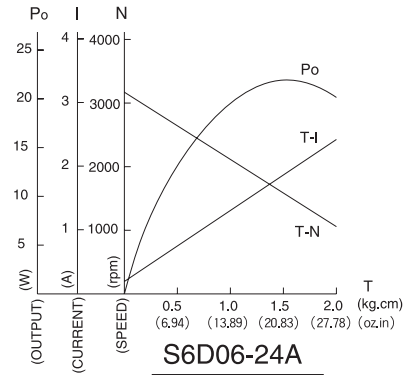
STANDARD TYPE S6D SERIES [6~10W]

MOTOR DIMENSION

UNIT : mm[inch]



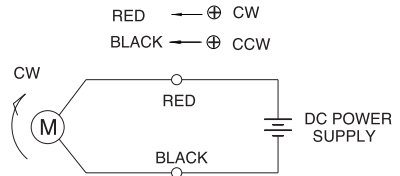
CHARACTERISTIC CURVE



▼ SPEC for output shaft of motor-(Table1)

MODEL	GEARED TYPE S6D06-□A S6D10-□A	STRAIGHT TYPE S6D06-□S S6D10-□S	D-CUT TYPE S6D06-□D S6D10-□D
TYPE OF OUTPUT SHAFT			

CIRCUIT DIAGRAM



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

MOTOR SPECIFICATION

(Voltage : DC 24V)

Type	Voltage V	Output W	No Load		At Rated Lod			Run Duty Hr	Weight Kg	
			Speed RPM	Current(MAX.) A	Speed RPM	Torque	Current A			
S6D06-12□	12	6	3100	0.70	2800	0.021	N-m	0.80	2000	0.6
						2.9	oz-in			
						0.21	kgf·cm			
S6D06-24□	24	6	3200	0.40	2950	0.020	N-m	0.50	2000	0.6
						2.8	oz-in			
						0.20	kgf·cm			
S6D06-90□	90	6	3000	0.10	2800	0.021	N-m	0.15	2000	0.6
						2.9	oz-in			
						0.21	kgf·cm			
S6D10-12□	12	10	3300	0.90	3000	0.032	N-m	1.60	2000	0.6
						4.6	oz-in			
						0.33	kgf·cm			
S6D10-24□	24	10	3300	0.50	3000	0.032	N-m	0.80	2000	0.6
						4.6	oz-in			
						0.33	kgf·cm			
S6D10-90□	90	10	3300	0.15	3100	0.030	N-m	0.20	2000	0.6
						4.3	oz-in			
						0.31	kgf·cm			

※ Run duty is valued at rated Voltage and No load

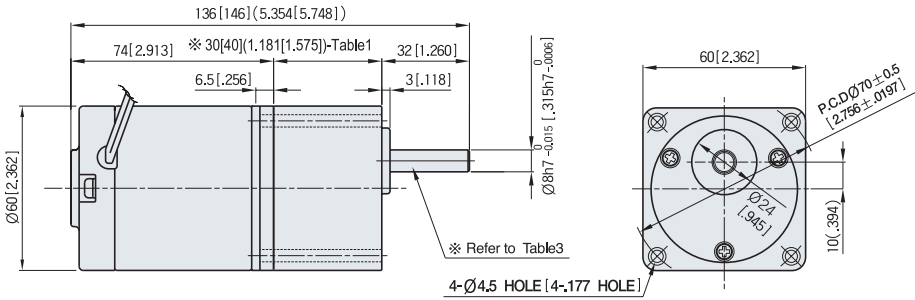
21C, for World geared motor!



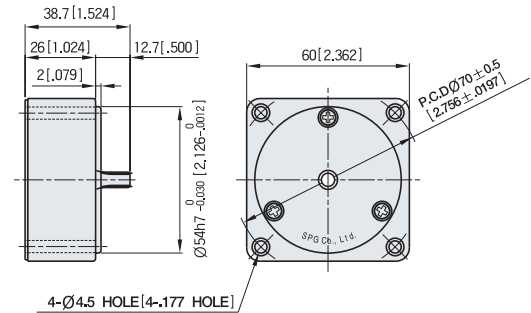
GEARED MOTOR SPECIFICATION

UNIT : mm[inch]

▼ GEARED MOTOR ※ MOTOR MODEL : S6D06-□A, S6D10-□A
 ※ HEAD MODEL : S6□A3□~S6□A250□



▼ INTER-DECIMAL GEAR HEAD
 ※ MODEL : S6GX10B



▼ ※30[40] – (Table1)

GEAR RATIO	SIZE:mm[inch]
S6 □ A3 □ ~ S6 □ A18 □	30[1.181]
S6 □ A20 □ ~ S6 □ A250 □	40[1.575]

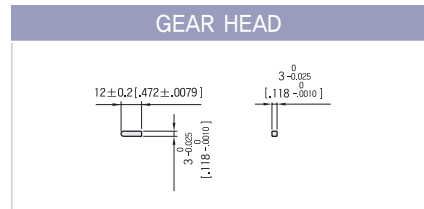
▼ WEIGHT – (Table2)

PART		WEIGHT:kg[oz]
MOTOR		0.6/0.7(21.2/24.7)
DECIMAL GEAR HEAD		0.18(6.3)
GEAR HEAD	S6 □ A3 □ ~ S6 □ A18 □	0.24(8.5)
	S6 □ A20 □ ~ S6 □ A40 □	0.30(10.6)
	S6 □ A50 □ ~ S6 □ A250 □	0.33(11.6)

▼ SPEC for output shaft of gearhead-(Table3)

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

▼ KEY SPEC



GEAR HEAD RATED LOAD

1. S6D06-24A

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
		No Load rpm	1067	889	640	533	427	356	320	256	213	178	160	128	107	89	80	64	53	43	36	32	27	21	18	16
S6DA□B	N-m	0.05	0.06	0.08	0.10	0.12	0.14	0.16	0.20	0.24	0.29	0.36	0.43	0.51	0.57	0.64	0.77	0.96	1.16	1.29	1.54	1.93	2.31	2.57	2.94	
	oz-in	6.7	8.1	11.2	13.5	16.9	20.2	22.5	28.1	33.7	40.5	40.5	50.6	60.7	72.8	80.9	91.0	109.3	136.6	163.9	182.1	218.5	273.1	327.8	364.2	416.3
	kgf · cm	0.5	0.6	0.8	1.0	1.2	1.5	1.6	2.0	2.4	2.9	2.9	3.6	4.4	5.2	5.8	6.6	7.9	9.8	11.8	13.1	15.7	19.7	23.6	26.2	30.0

2. S6D10-24A

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
		No Load rpm	1100	917	660	550	440	367	330	264	220	183	165	132	110	92	83	66	55	44	37	33	28	22	18	17
S6DA□B	N-m	0.08	0.09	0.13	0.16	0.20	0.24	0.26	0.33	0.39	0.47	0.47	0.59	0.71	0.85	0.94	1.06	1.27	1.59	1.91	2.12	2.55	2.94	2.94	2.94	2.94
	oz-in	11.1	13.4	18.5	22.3	27.8	33.4	37.1	46.4	55.6	66.8	66.8	83.5	100.2	120.2	133.5	150.2	180.3	225.3	270.4	300.5	360.5	416.3	416.3	416.3	416.3
	kgf · cm	0.8	1.0	1.3	1.6	2.0	2.4	2.7	3.3	4.0	4.8	4.8	6.0	7.2	8.7	9.6	10.8	13.0	16.2	19.5	21.7	26.0	30.0	30.0	30.0	30.0

- 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 combination of the regular gearhead and the inter-decimal gearhead is 30kgf · cm.
- □ 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.
- No Load rpm equals Motor no load rpm 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.