

Model:TSX04051C-3N73-DX

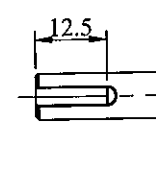
No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3 ϕ 220 VAC	13	Rotor Inertia	J-M	kg-cm ²	0.022 \pm 10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	11.64
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	15 \pm 10%/ 2 ϕ /1
4	Resolution	-	-	17 bit INC	16	Inductance	L	mH	14.3 \pm 10%/ 2 ϕ /1
5	Rated Output	P-R	W	50	17	Mech. Time Constant	Tm	ms	1.59 \pm 10%
6	Rated Torque	T-R	N-m	0.16	18	Elect. Time Constant	Te	ms	0.95 \pm 10%
7	Max. Torque	T-max	N-m	0.48	19	Insulation Class	-	-	Class F
8	Rated Speed	N-R	rpm	3000	20	Operation Temp.	T	$^{\circ}$ C	0~40
9	Rated Current	I-R	A	1	21	Operation Humd.	RH	%	<80
10	Max. Current	I-max	A	3	22	Storage Temp.	T	$^{\circ}$ C	-20~60
11	Torque Constant	Kt	N-m/A	0.16 \pm 10%	23	Storage Humd.	RH	%	<80
12	Voltage Constant	Ke	V/krpm	11.8 \pm 10%/ 2 ϕ	24	Weight	W	kgv	0.34

1	U	Red
2	V	White
3	W	Black
4	F/G	G/Y

Motor Wiring

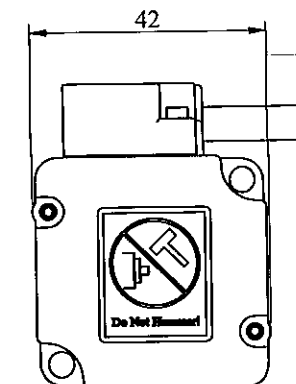
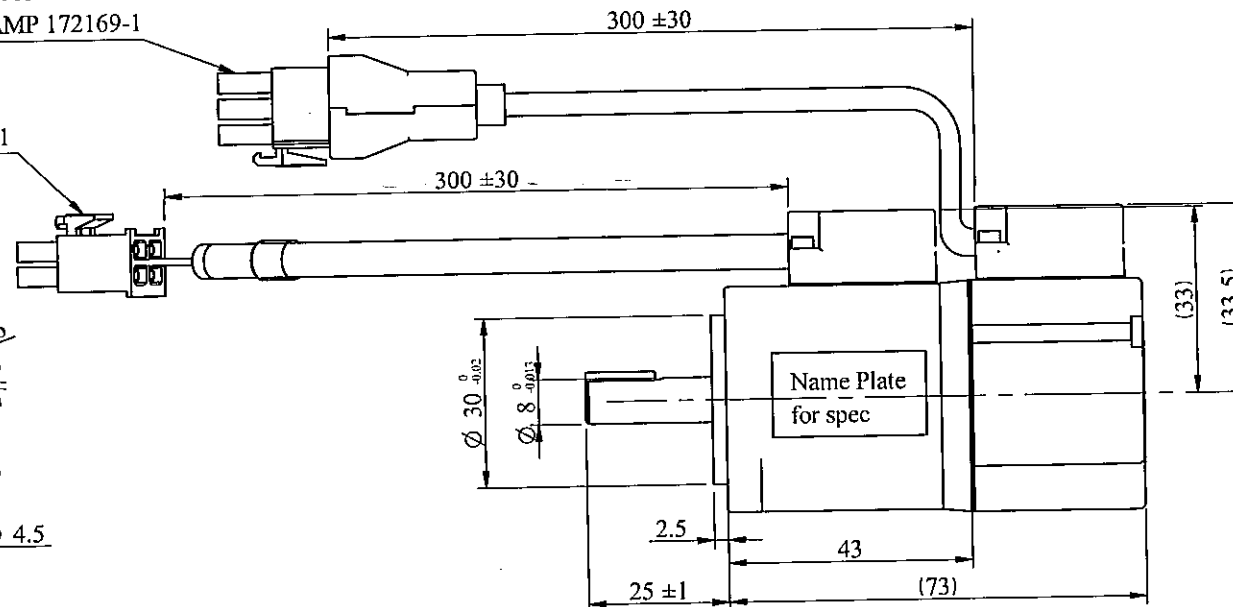
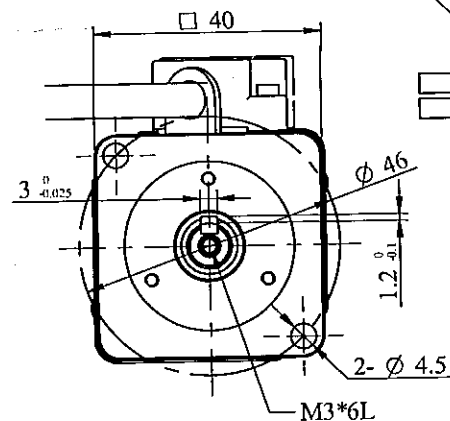
1	Vcc	White
2	GND	Black
3	-	-
4	-	-
5	SD	Blue
6	SD	Purple
7	-	-
8	-	-
9	FG	Shield

Encoder Connection



PIN:AMP 770835-1
HOUSING:AMP 172169-1

PIN:AMP 170360-1
HOUSING:AMP 172167-1



Note:

- 1.Motor to be IP67.(excluding the shaft opening & connectors)
- 2.The detail of Name plate for Spec. refers to the file. DC-JXE-002.

STANDARD TOLERANCE		APVD		SCALE		UNIT		NAME		SERVO MOTOR OUTLINE DRAWING	
X	\pm 0.5										
.X	\pm 0.2										
.XX	\pm 0.05										
ANGLE	\pm 30'										
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE	SIGNATURE	DATE	Dept. Design	DWG.NO.	DTSX04051C3N73DX1	