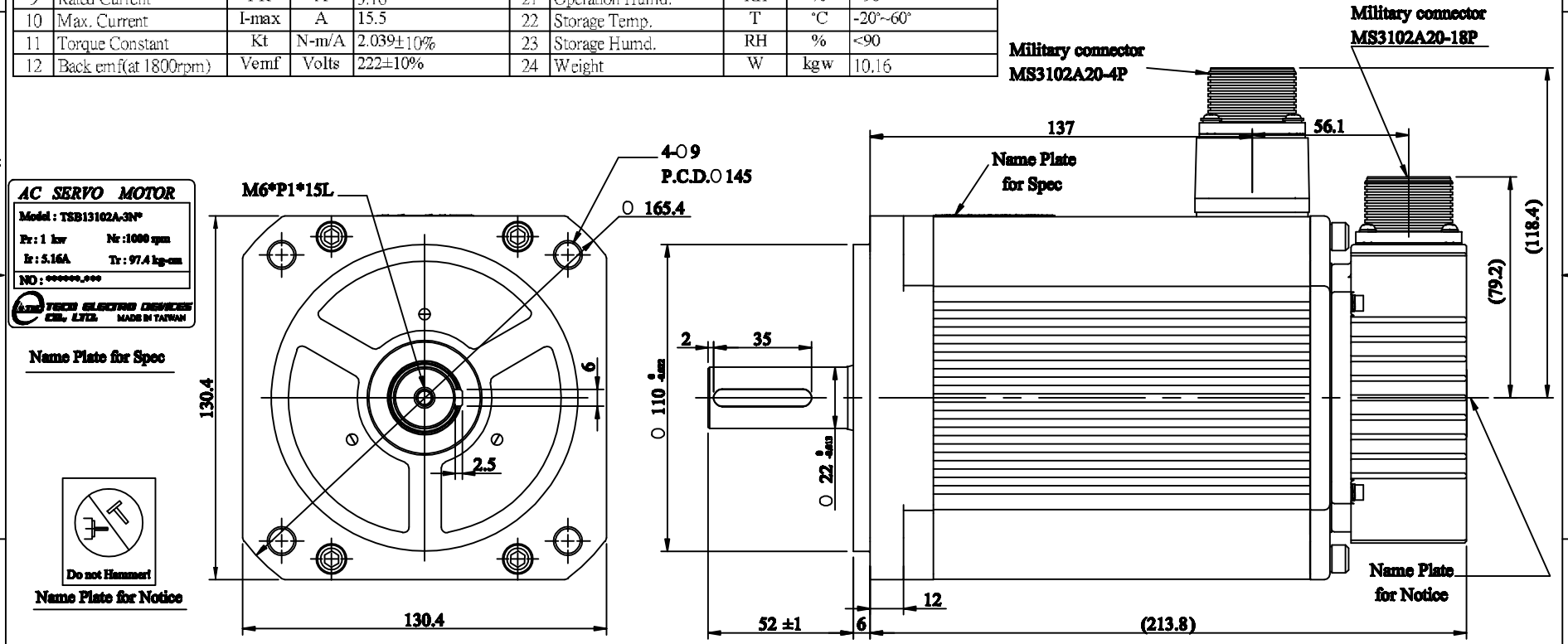
Model:TSB13102A-3N*									
No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	Retangular Wave	13	Roter Inertia	J-M	kg-cm²	12.14 ±10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	75
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	1.853±10%/2 φ
4	Resolution	-	-	NOTE2	16	Inductance	L	mH	12.14±10%/2 φ
5	Rated Output	P-R	W	1kW	17	Mech. Time Constant	Tm	ms	0.81±10%
6	Rated Torque	T-R	N-m	9.545	18	Elect. Time Constant	Te	ms	6.55±10%
7	Max. Torque	T-max	N-m	28.645	19	Insulation Class	-	-	Class B
8	Rated Speed	N-R	rpm	1000	20	Operation Temp.	T	℃	0~40
9	Rated Current	I-R	A	5.16	21	Operation Humd.	RH	%	<90
10	Max. Current	I-max	A	15.5	22	Storage Temp.	T	℃	-20°~60°
11	Torque Constant	Kt	N-m/A	2.039±10%	23	Storage Humd.	RH	%	<90
12	Back emf(at 1800rpm)	Vemf	Volts	222±10%	24	Weight	W	kgw	10.16

Notes:

1. Motor to be IP67
   (excluding the shaft opening & connectors)
2. Encoder TYPE:2500ppr,8192ppr
   17bit ,15bit



STANDARD TOLERANCE													
X	±0.5					APVD			SCALE 1/2	UNIT m m	NAME	Servo Motor Outline Drawing	
.X	±0.2					CHKD							
.XX	±0.05					CHKD			3RD .A.P		TITLE	TSB13102A-3N*	
ANGLE	±30'					DWN	S.J.Lin	05-24-'10			Dept. Design	DWG.NO.	DTSB13102A3N*
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE		SIGNATURE	DATE					