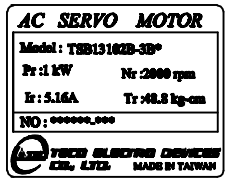
Model:TSB13102B-3B*

No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	220 AC	13	Rotor Inertia	J-M	kg-cm²	6.96 ±10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	32.39
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	1.22±10%/2φ
4	Resolution	-	-	NOTE2.	16	Inductance	L	mH	6.7±10%/2φ
5	Rated Output	P-R	W	1kW	17	Mech. Time Constant	Tm	ms	1.26±10%
6	Rated Torque	T-R	N-m	4.782	18	Elect. Time Constant	Te	ms	5.52±10%
7	Max. Torque	T-max	N-m	14.327	19	Insulation Class	-	-	Class B
8	Rated Speed	N-R	rpm	2000	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	1.019±10%	23	Storage Humd.	RH	%	<90
12	Back emf(at 1800rpm)	Vemf	Volts	111±10%	24	Weight	W	kgw	9.35

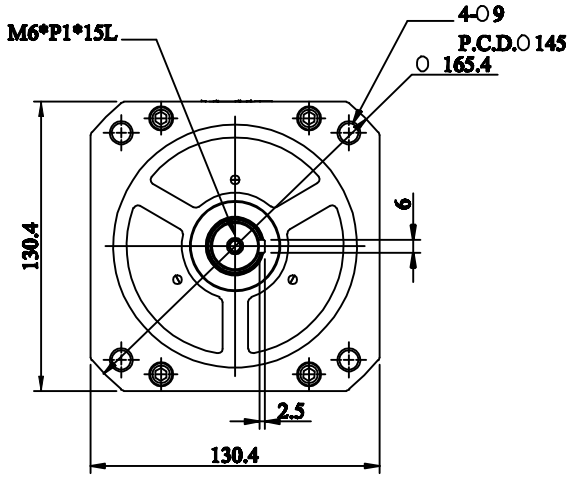
Notes:

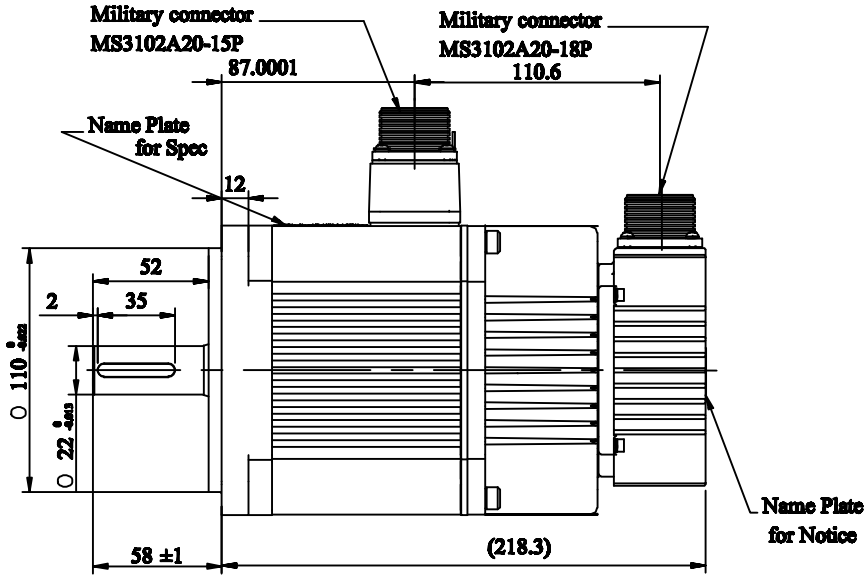
1. Motor to be IP67
   (excluding the shaft opening & connectors)
2. Encoder TYPE:2500ppr,8192ppr
   17bit ,15bit



Name Plate for Spec

Name Plate for Notice





STANDARD TOLERANCE	
X	±0.5
.X	±0.2
.XX	±0.05
ANGLE	±30'

MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE

APVD			
CHKD			
CHKD			
DWN	S.J.Lin	04-08-'11	
	SIGNATURE	DATE	

SCALE	1/3	UNIT	m m	NAME	Servo Motor Outline Drawing
3RD .A.P				TITLE	TSB13102B-3B*
				Dept. Design	DWG.NO. DTSB13102B3B*