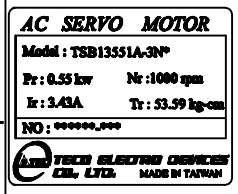
Model:TSB13551A-3N*

No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	Retangular Wave	13	Rotor Inertia	J-M	kg-cm^2	6.26 ±10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	43.4
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	3.58±10%/2 φ
4	Resolution	-	-	NOTE2	16	Inductance	L	mH	18.33±10%/2 φ
5	Rated Output	P-R	W	0.55kW	17	Mech. Time Constant	Tm	ms	1.19±10%
6	Rated Torque	T-R	N-m	5.252	18	Elect. Time Constant	Te	ms	5.12±10%
7	Max. Torque	T-max	N-m	15.758	19	Insulation Class	-	-	Class B
8	Rated Speed	N-R	rpm	1000	20	Operation Temp.	T	℃	0~40
9	Rated Current	I-R	A	3.43	21	Operation Humd.	RH	%	<90
10	Max. Current	I-max	A	10.3	22	Storage Temp.	T	℃	-20°~60°
11	Torque Constant	Kt	N-m/A	1.679±10%	23	Storage Humd.	RH	%	<90
12	Back emf(at 1800rpm)	Vemf	Volts	182.8±10%/2 φ	24	Weight	W	kgw	6.49

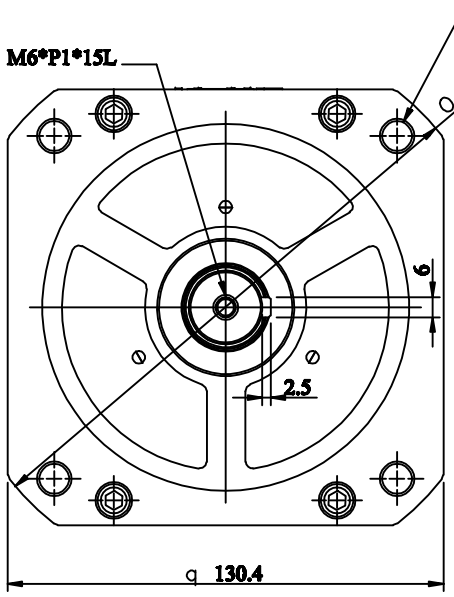
Notes:

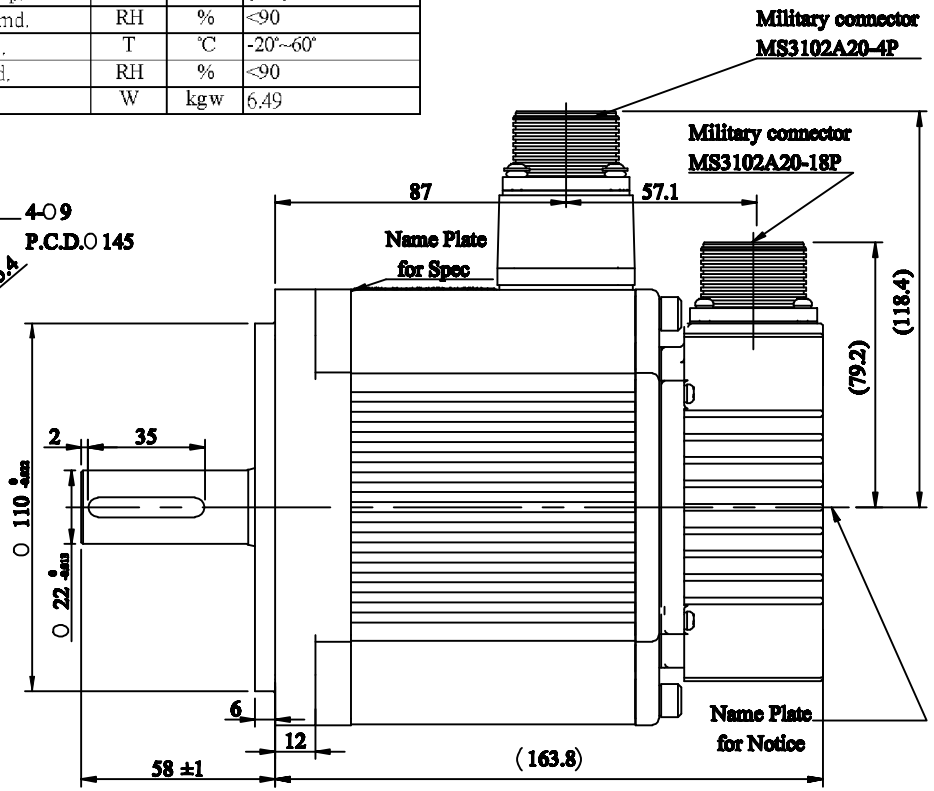
1. Motor to be IP67
   (excluding the shaft opening & connectors)
2. Encoder TYPE:2500ppr,8192ppr
   17bit ,15bit



Name Plate for Spec

Name Plate for Notice





STANDARD TOLERANCE														
X	±0.5					APVD			SCALE	1/2	UNIT	m m	NAME	Servo Motor Outline Drawing
.X	±0.2					CHKD								
.XX	±0.05					CHKD			3RD .A.P				TITLE	TSB13551A-3N*
ANGLE	±30'					DWN	S.J.Lin	11-15-'10						
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE		SIGNATURE	DATE					Dept. Design	DWG.NO. DTSB13551A3N*