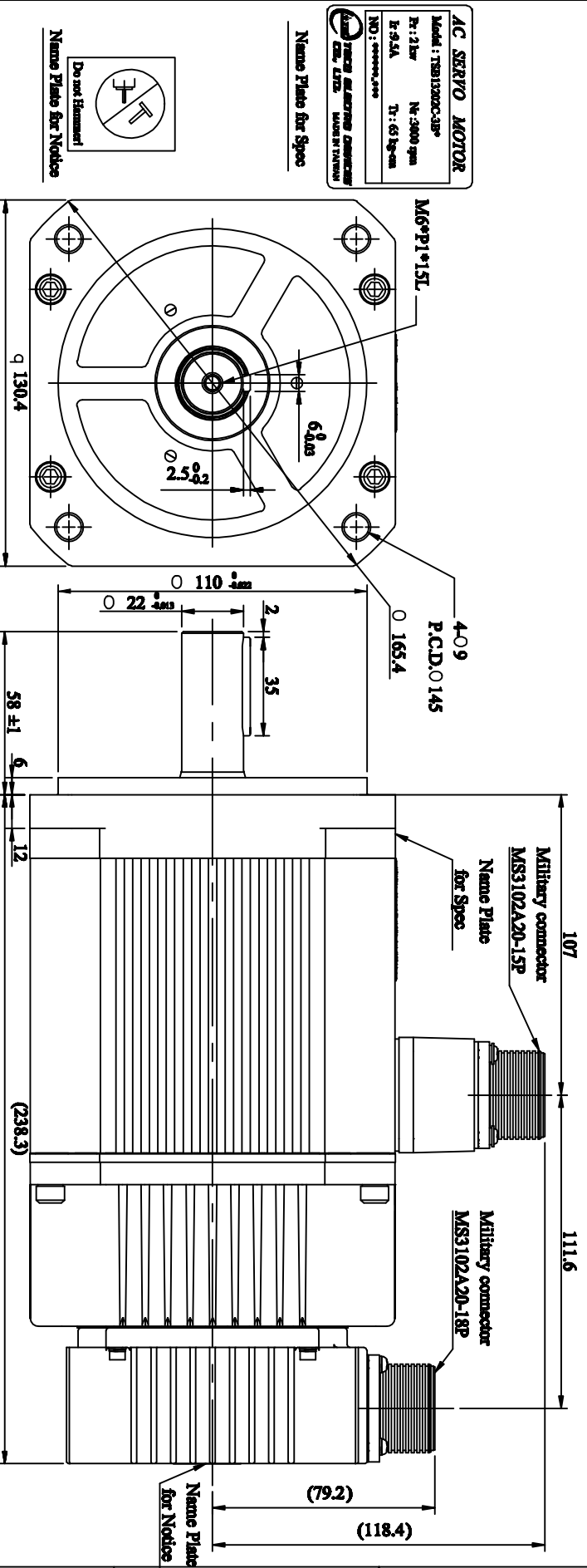


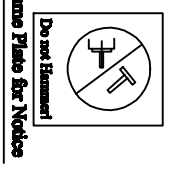
Model: TSB13202C-3B* 6 5 4 3 2 1

No. Item	Symbol	Unit	Specification	No. Item	Symbol	Unit	Specification
1 Drive	-	-	220VAC	13 Rotor Inertia	J-M	kg-cm ²	9.58 ±5%
2 Cooling Method	-	-	Totally Enclosed	14 Rated Power Rate	Q-R	Kw/s	4/2A
3 Exciting Method	-	-	Permanent Magnet	15 Resistance	Ra	Ω	0.4±10%/2 φ
4 Resolution	-	-	NOTE2	16 Inductance	L	mH	2.4±10%/2 φ
5 Rated Output	P-R	W	2Kw	17 Mech. Time Constant	Tm	ms	1.1±10%/2 φ
6 Rated Torque	T-R	N-m	6.37	18 Elect. Time Constant	Te	ms	6±10%
7 Max. Torque	T-max	N-m	19.11	19 Insulation Class	-	-	Class B
8 Rated Speed	N-R	rpm	3000	20 Operation Temp.	T	°C	0-40
9 Rated Current	I-R	A	9.5	21 Operation Humid.	RH	%	<90
10 Max Current	I-max	A	28.5	22 Storage Temp.	T	°C	-20--60
11 Torque Constant	Kt	N-m/A	0.74±1.0%	23 Storage Humid.	RH	%	<90
12 Back emf (at 1800rpm)	Vemf	Volts	80.44±1.0%/2 φ	24 Weight	W	kgw	9.69

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



AC SERVO MOTOR
 Model: TSB13202C-3B*
 Pr: 2kw Nr: 2800 rpm
 E: 8.5A T: 6.5 sec
 NO: *****
 TSP Co., Ltd. MADE IN THAILAND



STANDARD TOLERANCE	APVD	SCALE	UNIT	NAME	Rev	Description	Signature	Date
X ±0.5	CHKD	2/5	mm	Servo Motor Outline Drawing	5			
X ±0.2	CHKD	3RD AP	mm	TSB13202C-3B*	4			
XX ±0.05	DWN				3			
ANGLE ±30'					2			
MATERIAL					1			