

Model: JSMA-PMB30AAKB

No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3 φ 220 VAC	13	Rotor Inertia	J-M	kg-cm ²	18.62 ± 10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	110.1
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	0.333 ± 10%/2 φ
4	Resolution	-	-	17bit ABS	16	Inductance	L	mH	2.124 ± 10%/2 φ
5	Rated Output	P-R	KW	3	17	Mech. Time Constant	Tm	ms	0.73 ± 10%
6	Rated Torque	T-R	N-m	14.32	18	Elect. Time Constant	Te	ms	6.38 ± 10%
7	Max. Torque	T-max	N-m	42.96	19	Insulation Class	-	-	Class B
8	Rated Speed	N-R	rpm	2000	20	Operation Temp.	T	°C	0~40
9	Rated Current	I-R	A	13.7	21	Operation Humd.	RH	%	<90
10	Max. Current	I-max	A	41.1	22	Storage Temp.	T	°C	-20°~60°
11	Torque Constant	Kt	N-m/A	1.13 ± 10%	23	Storage Humd.	RH	%	<90
12	Ke constant	Ke	V/krpm	68.28 ± 10%/2 φ	24	Weight	W	kgw	15.48

NO	Signal	Color
B	+5V	Red
I	0V	Black
A	VB+	Brown
C	VB-	Brown/Blk
H	SD	Blue
D	SD	Blue/Blk
G	-	-
E	-	-
F	FG	SHIELD

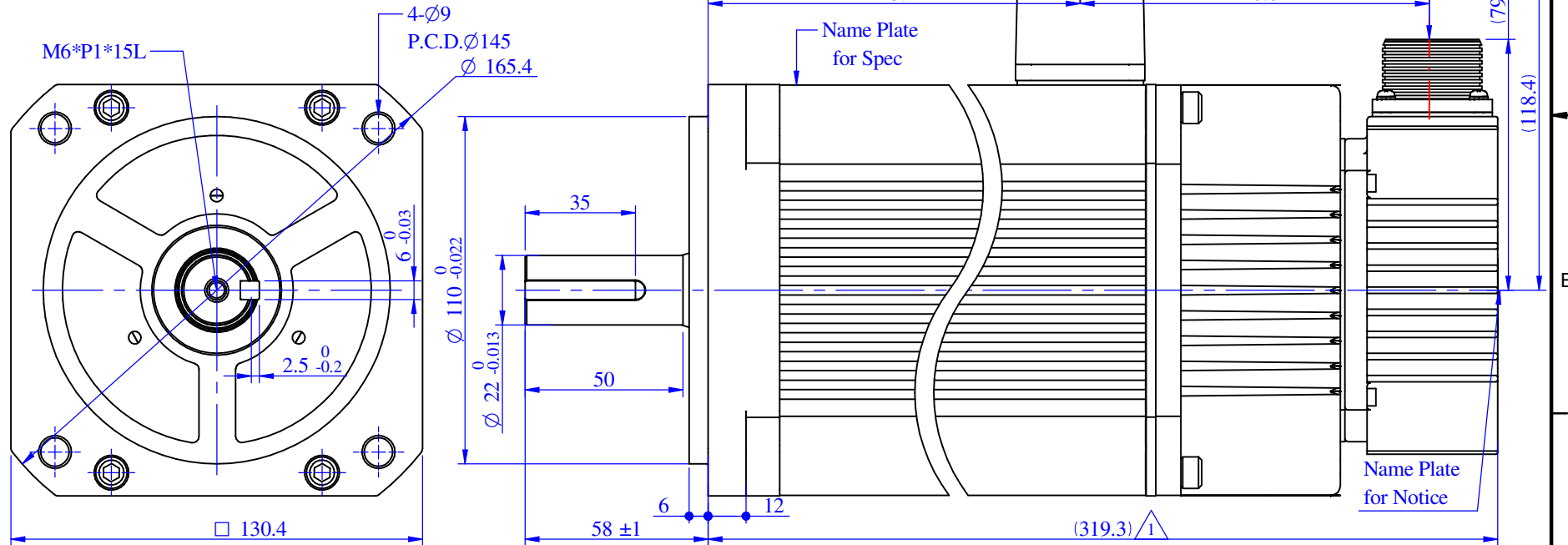
NO	Signal	Color
B	U	Red
G	V	White
E	W	Black
A	Brake 0V	thin White 1
F	Brake 24V	thin White 2
C	FG	Green

encoder wiring

motor wiring

Note:

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



STANDARD TOLERANCE		APVD	SCALE	1/2	UNIT	m m	NAME	Servo Motor Outline Drawing	
X	±0.5	CHKD	3RD .A.P		⊙	⊲	TITLE	JSMA-PMB30AAKB	
.X	±0.2	CHKD	TECO ELECTRO DEVICES CO., LTD.		Dept. Design		DWG.NO.	D01B13302B3B3AD01	
.XX	±0.05	01	Sam	12-26-'17	DWN	Sam	11-20-'17		
ANGLE	±30'	MATERIAL		REV		DESCRIPTION		SIGNATURE	