

Model: JSMA-PLC08ABK

No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3 ϕ 220 VAC	13	Rotor Inertia	Jm	kg-cm ²	2.26 $\pm$ 10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	25.3
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	2.18 $\pm$ 10%/2 ϕ
4	Resolution	-	-	2500 C/T	16	Inductance	L	mH	7.7 $\pm$ 10% / 2 ϕ
5	Rated Output	P-R	KW	0.75	17	Mech. Time Constant	Tm	ms	1.5 $\pm$ 10%
6	Rated Torque	T-R	N-m	2.391	18	Elect. Time Constant	Te	ms	3.532 $\pm$ 10%
7	Max. Torque	T-max	N-m	7.164	19	Insulation Class	-	-	Class F
8	Rated Speed	N-R	rpm	3000	20	Operation Temp.	T	$^{\circ}$ C	0~40
9	Rated Current	I-R	A	3.75	21	Operation Humd.	RH	%	<90
10	Max. Current	I-max	A	11.25	22	Storage Temp.	T	$^{\circ}$ C	-20 $^{\circ}$ ~60 $^{\circ}$
11	Torque Constant	Kt	N-m/A	0.774 $\pm$ 10%	23	Storage Humd.	RH	%	<90
12	Voltage Constant	Ke	V/krpm	42.5 $\pm$ 10% / 2 ϕ	24	Weight	W	kgw	3.2

Note:

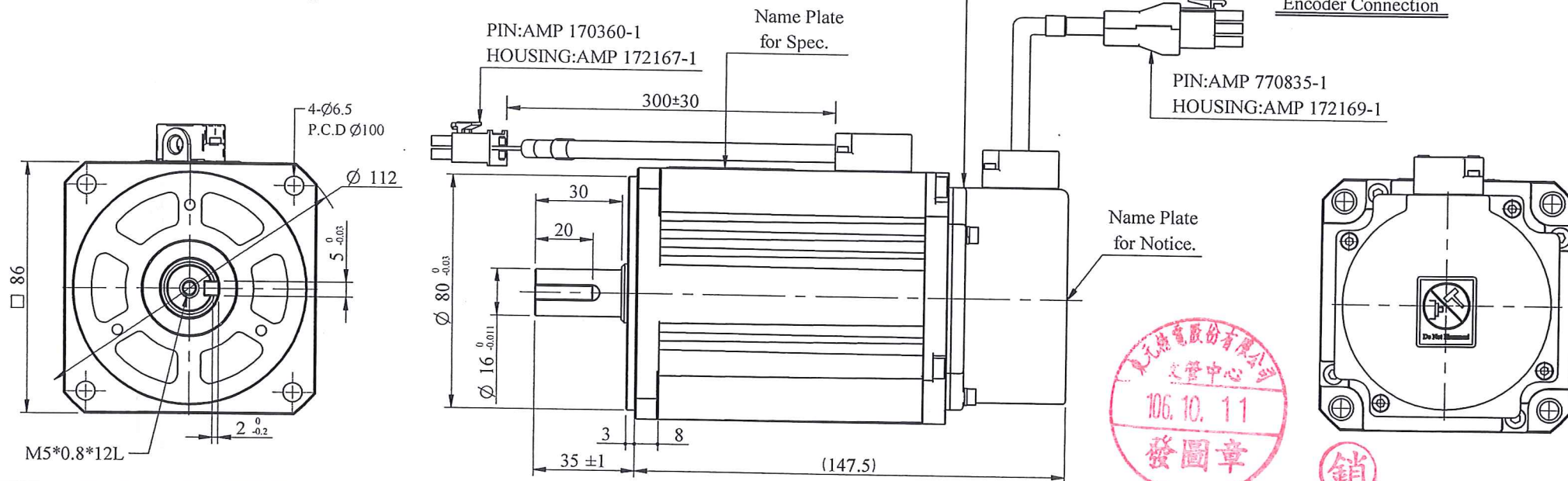
- 1.Motor to be IP67(excluding the connectors).
- 2.The detail of Name plate for Spec. refers to the file. DC-JXE-002.

NO	Signal	Color
1	U	Red
2	V	White
3	W	Black
4	FG	Y/G

Motor Connection

NO	Signal	Color
1	+5V	Red
2	0V	Black
3	A.U	Blue
4	A.U	Blue/Black
5	B.V	Green
6	B.V	Green/Black
7	Z.W	Yellow
8	Z.W	Yellow/Black
9	FG	SHIELD

Encoder Connection



STANDARD TOLERANCE						APVD		9/28/17	SCALE	1/2	UNIT	m m	NAME	Servo Motor Outline Drawing	
X	±0.5					CHKD		9/28/17	3RD .A.P			TITLE	JSMA-PLC08ABK		
.X	±0.2					CHKD									
.XX	±0.05					DWN	Sam	09-08-17			Dept. Design		DWG.NO.	D01B08751C2NT3D01	
ANGLE	±30'					SIGNATURE	DATE								
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE										
6		1		5		1									