

Model: JSMA-PBC08AWKB

No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3 φ 220 VAC	13	Rotor Inertia	Jm	kg-cm ²	1.64 ±10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	34.74
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	1.48 ±10%/2 φ
4	Resolution	-	-	23 bit-ABS	16	Inductance	L	mH	10.1 ±10%/2 φ
5	Rated Output	P-R	W	750	17	Mech. Time Constant	Tm	ms	1.05
6	Rated Torque	T-R	N-m	2.39	18	Elect. Time Constant	Te	ms	6.82 ±10%
7	Max. Torque	T-max	N-m	7.16	19	Insulation Class	-	-	Class F
8	Rated Speed	N-R	rpm	3000	20	Operation Temp.	T	°C	0~40
9	Rated Current	I-R	A	4.3	21	Operation Humd.	RH	%	<80
10	Max Current	I-max	A	14	22	Storage Temp.	T	°C	-20°~60°
11	Torque Constant	Kt	N-m/A	0.56	23	Storage Humd.	RH	%	<80
12	Voltage Constant	Kc	V/k rpm	37.3 ±10%	24	Weight	W	kgw	4.1

1	U	Red
2	V	White
3	W	Black
4	GND	Y/G

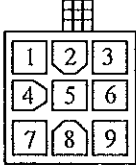
NO	Signal	Color
1	Vcc	red
2	GND	black
3	VB+	brown
4	VB-	brown/black
5	SD+	blue
6	SD-	blue/black
7		
8		
9	FG	SHIELD

Motor Connection



Name Plate for Notice

Encoder Connection



AC SERVO MOTOR

Model: JSMA-PBC08AWKB

Pr: 0.75 KW ; Nr: 3000 rpm

Ir: 4.3 A , Tr: 2.39 N-m

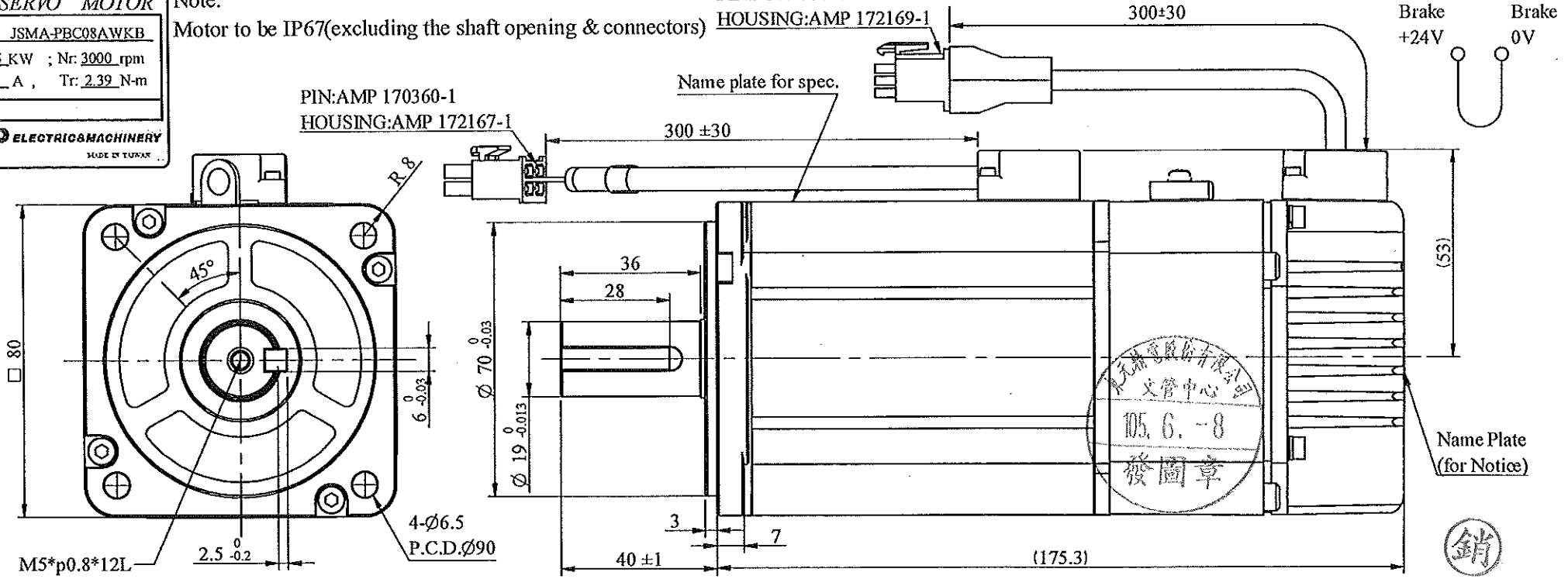
NO.

TECO ELECTRIC MACHINERY CO., LTD. MADE IN TAIWAN

Note: Motor to be IP67(excluding the shaft opening & connectors)

PIN:AMP 770835-1
HOUSING:AMP 172169-1

PIN:AMP 170360-1
HOUSING:AMP 172167-1



STANDARD TOLERANCE				APVD	Z	7/21/16	SCALE	2/3	UNIT	m m	NAME	Servo Motor Outline Drawing	
X	±0.5			CHKD	Michelle	5-26-16					TITLE	JSMA-PBC08AWKB	
.X	±0.2			CHKD			3RD .A.P						
.XX	±0.05			DWN	Leon	05-23-'16							
ANGLE	±30'												
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE	SIGNATURE	DATE	TECO ELECTRO DEVICES CO., LTD.		Dept. Design	DWG.NO.	D01E08751C3BR3D01	