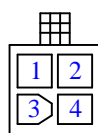


Model:JSMA-PBC01A7K

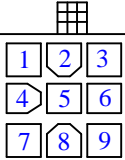
No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3 φ 220 VAC	13	Rotor Inertia	J-M	kg·cm ²	0.082 ±10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	12.49
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	24 ±10%/2 φ
4	Resolution	-	-	17 bit-Inc	16	Inductance	L	mH	22±10%
5	Rated Output	P-R	W	100	17	Mech. Time Constant	Tm	ms	2.04±10%
6	Rated Torque	T-R	N·m	0.32	18	Elect. Time Constant	Te	ms	0.92±10%
7	Max. Torque	T-max	N·m	0.95	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	0.9	21	Operation Humd.	RH	%	<80
10	Max. Current	I-max	A	2.7	22	Storage Temp.	T	°C	-20°~60°
11	Torque Constant	Kt	N·m/A	0.35±10%	23	Storage Humd.	RH	%	<80
12	Back emf(at 1000rpm)	Vemf	Volts	25±10%	24	Weight	W	kgw	0.48



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

Motor Connection

1	Vcc	White
2	GND	Black
3	-	-
4	-	-
5	SD	Blue
6	SD	Purple
7	-	-
8	-	-
9	FG	Shield



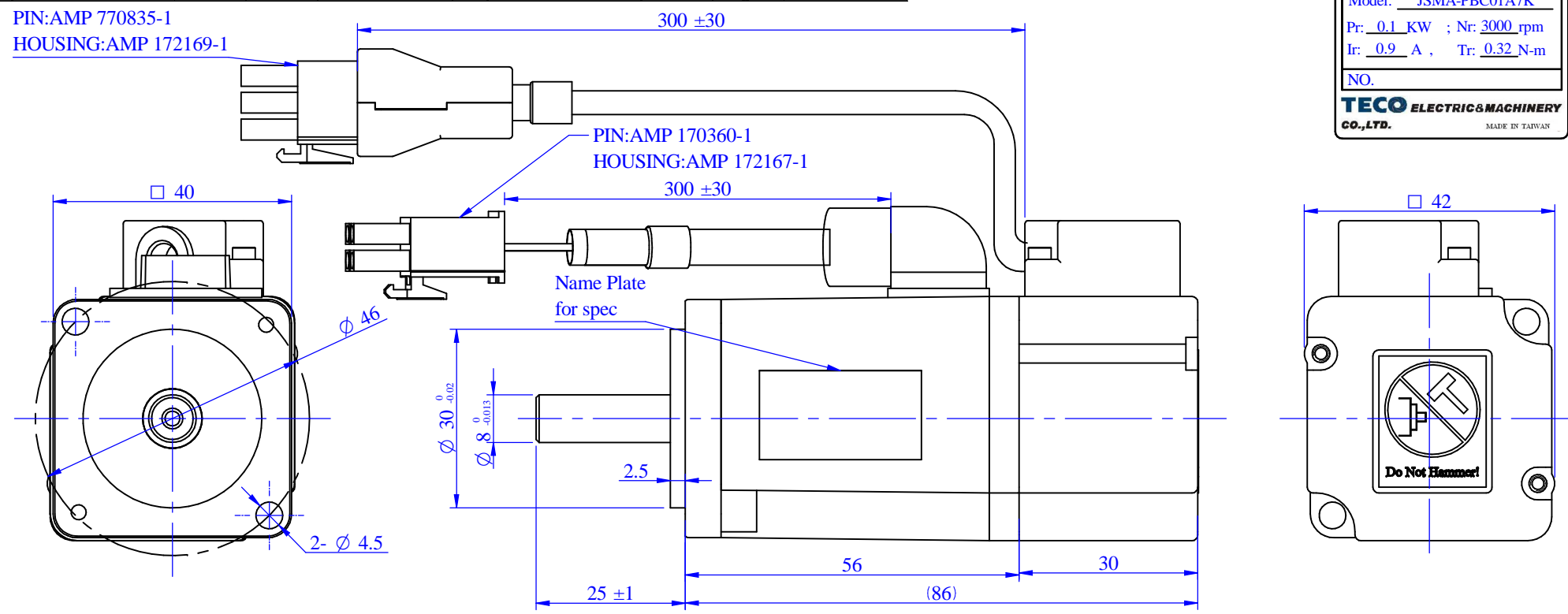
Encoder Connection

AC SERVO MOTOR

Model: JSMA-PBC01A7K
 Pr: 0.1 KW ; Nr: 3000 rpm
 Ir: 0.9 A , Tr: 0.32 N·m

NO. _____

TECO ELECTRIC & MACHINERY CO., LTD.
MADE IN TAIWAN



STANDARD TOLERANCE					APVD		SCALE	UNIT	m m	NAME	SERVO MOTOR OUTLINE DRAWING	
X	±0.5				CHKD		3RD .A.P		TITLE	JSMA-PBC01A7K		
.X	±0.2				CHKD							
.XX	±0.05				DWN	hao	04-07-'16			Dept. Design	DWG.NO.	D01E04101C3N73D01
ANGLE	±30'											
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE	SIGNATURE	DATE					