

Model: JSMA-PBC01A3K

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 \pm 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 \pm 10%/2 ϕ
4	Resolution	-	-	23 bit-INC	16	Inductance	L	mH	22 \pm 10%
5	Rated Output	P-R	W	100	17	Mech. Time Constant	Tm	ms	2.04 \pm 10%
6	Rated Torque	T-R	N-m	0.32	18	Elect. Time Constant	Te	ms	0.92 \pm 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	$^{\circ}$ 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	$^{\circ}$ C	-20 $^{\circ}$ ~60 $^{\circ}$
11	Torque Constant	Kt	N-m/A	0.35 \pm 10%	23	Storage Humd.	RH	%	<80
12	Back emf(at 1000rpm)	Vemf	Volts	25 \pm 10%	24	Weight	W	kgw	0.48

Motor Connection

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

Encoder Connection

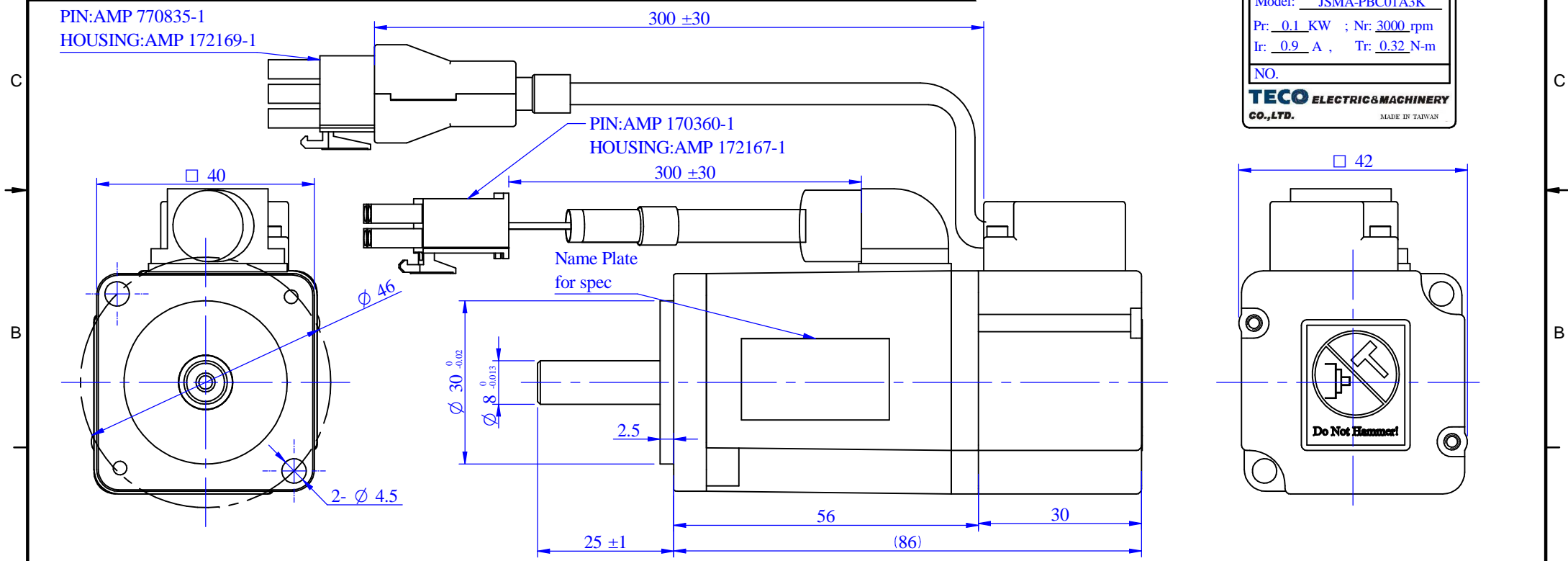
1	Vcc	White
2	GND	Black
3	-	-
4	-	-
5	SD+	Blue
6	SD-	Purple
7	-	-
8	-	-
9	FG	Shield

AC SERVO MOTOR

Model: JSMA-PBC01A3K
 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	\pm 0.5				CHKD		3RD .A.P			TITLE	JSMA-PBC01A3K	
.X	\pm 0.2				CHKD							
.XX	\pm 0.05				DWN	Leon	04-08-'16			Dept. Design	DWG.NO.	D01E04101C3NZ3D01
ANGLE	\pm 30'											
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE	SIGNATURE	DATE					