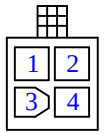
Model:JSMA-PUCP5ABK

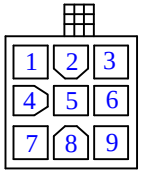
No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3φ 220 VAC	13	Rotor Inertia	J-M	kg-cm²	0.022±10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	11.64
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	12.9±10%/2φ
4	Resolution	-	-	2500 C/T	16	Inductance	L	mH	14.8±10%
5	Rated Output	P-R	W	50	17	Mech. Time Constant	Tm	ms	1.35±10%
6	Rated Torque	T-R	N-m	0.16	18	Elect. Time Constant	Te	ms	1.15±10%
7	Max. Torque	T-max	N-m	0.48	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	1	21	Operation Humd.	RH	%	<80
10	Max. Current	I-max	A	3	22	Storage Temp.	T	˚C	-20˚~60˚
11	Torque Constant	Kt	N-m/A	0.16±10%	23	Storage Humd.	RH	%	<80
12	Back emf(at 1000rpm)	Vemf	Volts	11.9±10%	24	Weight	W	kgw	0.35



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

Motor Wiring

1	+5V	Red
2	0V	Black
3	A/U	Blue
4	$\overline{A/U}$	Blue/Black
5	B/V	Green
6	$\overline{B/V}$	Green/Black
7	Z/W	Yellow
8	$\overline{Z/W}$	Yellow/Black
9	FG	Shield



Encoder Connection

AC SERVO MOTOR

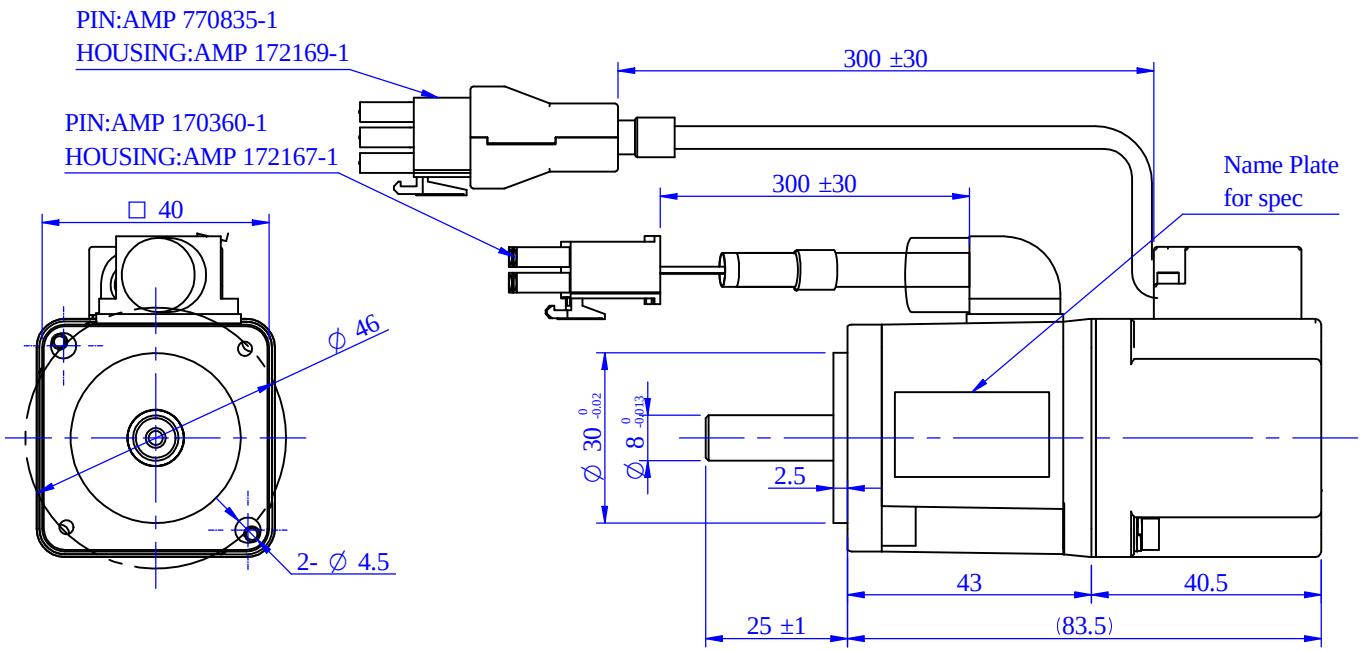
Model: JSMA-PUCP5ABK

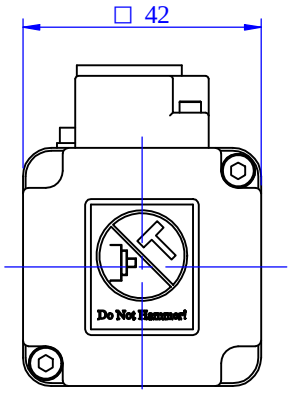
Pr: 0.05 KW ; Nr: 3000 rpm

Ir: 1 A , Tr: 0.16 N-m

NO.

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





STANDARD TOLERANCE											
X	±0.5					APVD			SCALE		UNIT m m	NAME SERVO MOTOR OUTLINE DRAWING
.X	±0.2					CHKD						
.XX	±0.05					CHKD			3RD .A.P			TITLE
ANGLE	±30'					DWN	Leon	04-01-'16	TECO ELECTRO DEVICES CO., LTD.		Dept. Design	DWG.NO. D01X04051C3NT3D01
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE		SIGNATURE	DATE				