

No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3 ϕ 220VAC	13	Rotor Inertia	J-M	kg-cm ²	152.86 \pm 10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	320.55
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	0.07 \pm 10%/2 ϕ
4	Resolution	-	-	17 bit ABS	16	Inductance	L	mH	2 \pm 10%/2 ϕ
5	Rated Output	P-R	KW	11	17	Mech. Time Constant	Tm	ms	0.76 \pm 10%
6	Rated Torque	T-R	N-m	70	18	Elect. Time Constant	Te	ms	28.6 \pm 10%
7	Max. Torque	T-max	N-m	175	19	Insulation Class	-	-	Class F
8	Rated Speed	N-R	rpm	1500	20	Operation Temp.	T	$^{\circ}$ C	0~40
9	Rated Current	I-R	A	51.0	21	Operation Humd.	RH	%	<80
10	Max. Current	I-max	A	127.5	22	Storage Temp.	T	$^{\circ}$ C	-20 $^{\circ}$ ~60 $^{\circ}$
11	Torque Constant	Kt	N-m/A	1.45 \pm 10%	23	Storage Humd.	RH	%	<80
12	Voltage constant	Ke	V/Krpm	87.6 \pm 10%/2 ϕ	24	Weight	W	kgw	46.8

Pin	Signal
B	+5V
I	0V
A	VB+
C	VB-
H	SD+
D	SD-
G	
E	
F	FG

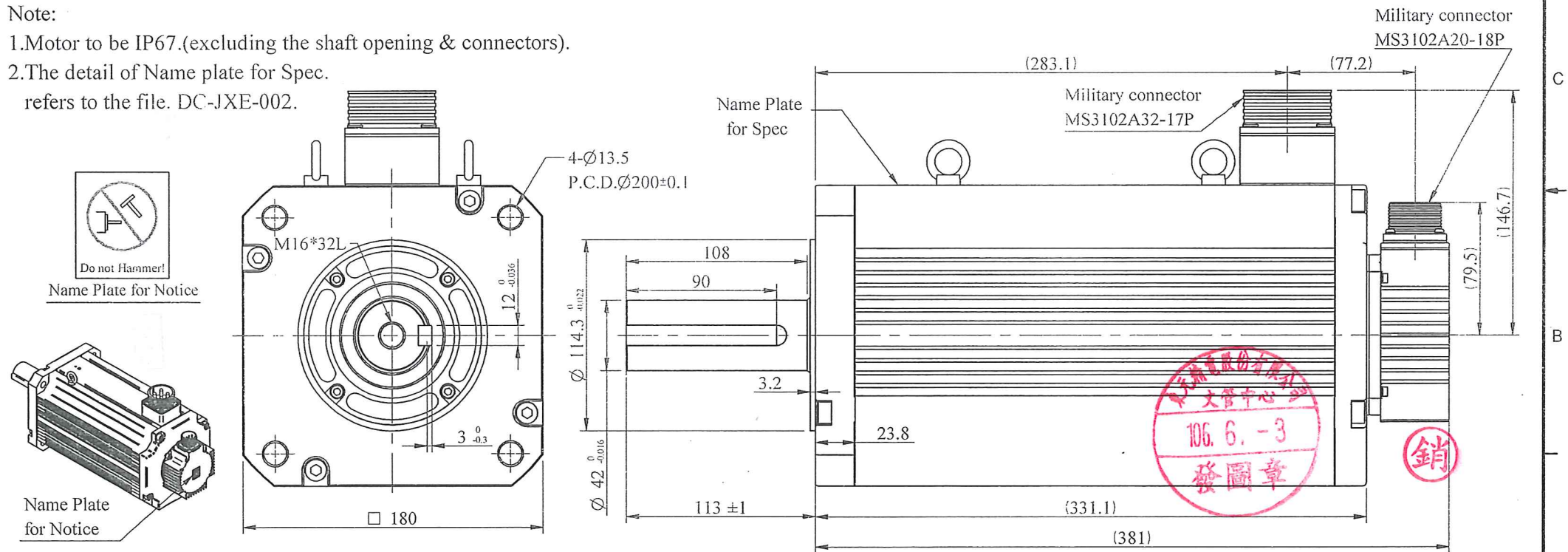
Encoder Wiring

PIN	Signal
A	U
B	V
C	W
D	FG

Motor Wiring

Note:

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



STANDARD TOLERANCE		APVD	CHKD	CHKD	DWN	SCALE	UNIT	NAME	TITLE
X	\pm 0.5	Michelle	Michelle	Michelle	Chase	3/10	m m	Servo Motor Outline Drawing	JSMA-PIH110AAK
.X	\pm 0.2	5-18-17	5-12-17		05-09-17	3RD .A.P			
.XX	\pm 0.05								
ANGLE	\pm 30'								
MATERIAL	REV	DESCRIPTION	SIGNATURE	DATE	SIGNATURE	DATE	TECO ELECTRO DEVICES CO., LTD.		Dept. Design
							DWG.NO.	D01B18113H3N3AD01	