

Model: TSB18702B-3N7A-D

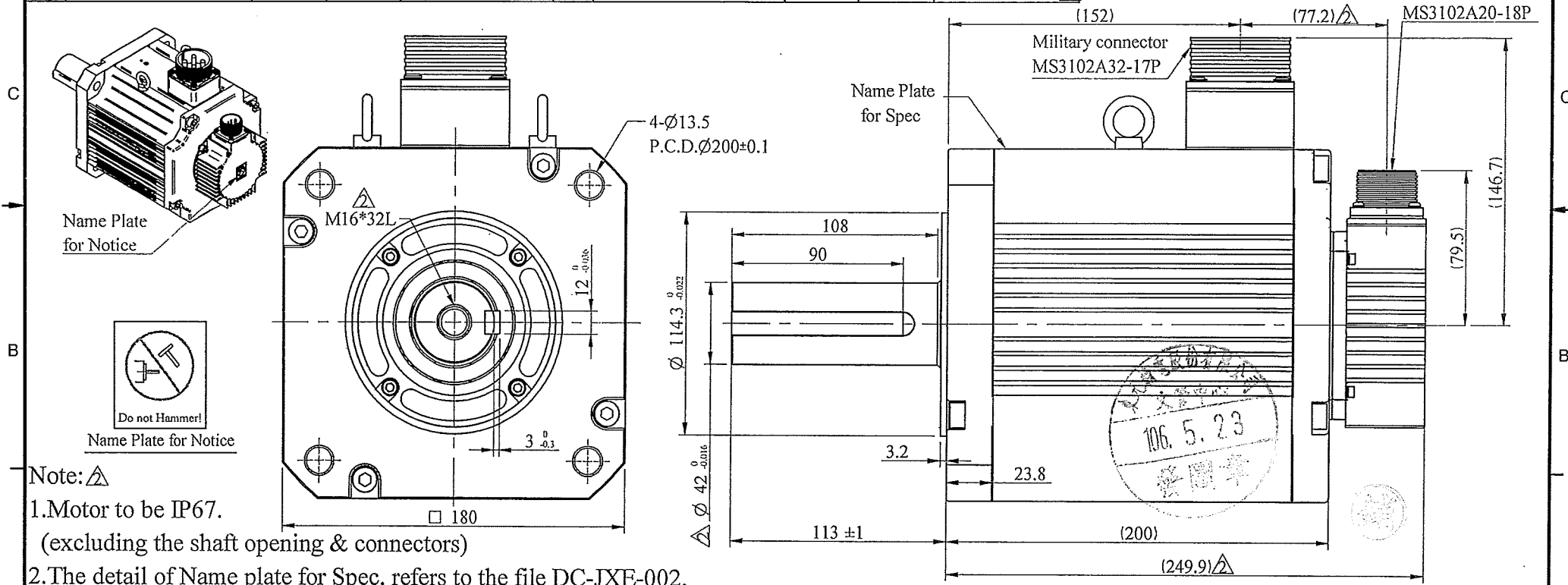
No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3 $\phi$ 220VAC $\Delta$	13	Rotor Inertia	J-M	kg-cm <sup>2</sup>	77.9 $\pm$ 10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	143.38
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	$\Omega$	0.129 $\pm$ 10%/2 $\phi$ $\Delta$
4	Resolution	-	-	17 bit INC $\Delta$	16	Inductance	L	mH	3.2 $\pm$ 10%/2 $\phi$ $\Delta$
5	Rated Output	P-R	kW	7 $\Delta$	17	Mech. Time Constant	Tm	ms	0.97 $\pm$ 10% $\Delta$
6	Rated Torque	T-R	N-m	33.42	18	Elect. Time Constant	Te	ms	24.81 $\pm$ 10% $\Delta$
7	Max. Torque	T-max	N-m	83.55	19	Insulation Class	-	-	Class F
8	Rated Speed	N-R	rpm	2000	20	Operation Temp.	T	$^{\circ}$ C	0-40
9	Rated Current	I-R	A	28.1 $\Delta$	21	Operation Humd.	RH	%	<80
10	Max. Current	I-max	A	70.3 $\Delta$	22	Storage Temp.	T	$^{\circ}$ C	-20 $^{\circ}$ -60 $^{\circ}$
11	Torque Constant	Kt	N-m/A	1.19 $\pm$ 10% $\Delta$	23	Storage Humd.	RH	%	<80
12	Voltage constant	Ke	V/Krpm	79 $\pm$ 10%/2 $\phi$ $\Delta$	24	Weight	W	kgw	27.1 $\Delta$

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

$\Delta$  Encoder Wiring

Pin	Signal
A	U
B	V
C	W
D	FG

$\Delta$  Motor Wiring



Note:  $\Delta$   
 1. Motor to be IP67.  
 (excluding the shaft opening & connectors)  
 2. The detail of Name plate for Spec. refers to the file DC-JXE-002.

STANDARD TOLERANCE		APVD		SCALE		UNIT		NAME		
X	$\pm$ 0.5			3RD .A.P	$\odot$	m m	Servo Motor Outline Drawing			
.X	$\pm$ 0.2	02	IS17417-02	CHKD	$\ominus$		TSB18702B-3N7A-D			
.XX	$\pm$ 0.05	01	IS16603-01	CHKD						
ANGLE	$\pm$ 30'									
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE	SIGNATURE	DATE	Dept. Design	DWG.NO.	DTSB18702B3N7AD01