

Model: JSMA-PMB20AAKB

No.	Item	Symbol	Unit	Specification	No.	Item	Symbol	Unit	Specification
1	Drive	-	-	3 φ 220 VAC	13	Rotor Inertia	J-M	kg-cm ²	12.84 ± 10%
2	Cooling Method	-	-	Totally Enclosed	14	Rated Power Rate	Q-R	Kw/s	71.03 ^Δ ₁
3	Exciting Method	-	-	Permanent Magnet	15	Resistance	Ra	Ω	0.58 ± 10% / 2 φ
4	Resolution	-	-	17bit ABS	16	Inductance	L	mH	3.78 ± 10% / 2 φ
5	Rated Output	P-R	KW	2	17	Mech. Time Constant	Tm	ms	0.86 ± 10%
6	Rated Torque	T-R	N-m	9.55	18	Elect. Time Constant	Te	ms	6.52 ± 10%
7	Max. Torque	T-max	N-m	28.65	19	Insulation Class	-	-	Class B
8	Rated Speed	N-R	rpm	2000	20	Operation Temp.	T	°C	0~40
9	Rated Current	I-R	A	9.0	21	Operation Humd.	RH	%	<90
10	Max. Current	I-max	A	27.0	22	Storage Temp.	T	°C	-20°~60°
11	Torque Constant	Kt	N-m/A	1.139 ± 10%	23	Storage Humd.	RH	%	<90
12	Voltage Constant	Ke	V/k.rpm	68.89 ± 10% / 2 φ	24	Weight	W	kgw	11.77

NO	Signal	Color
B	+5V	Red
I	0V	Black
A	VB+	Brown
C	VB-	Brown/Blk
H	SD	Blue
D	SD	Blue/Blk
G	-	-
E	-	-
F	FG	SHIELD

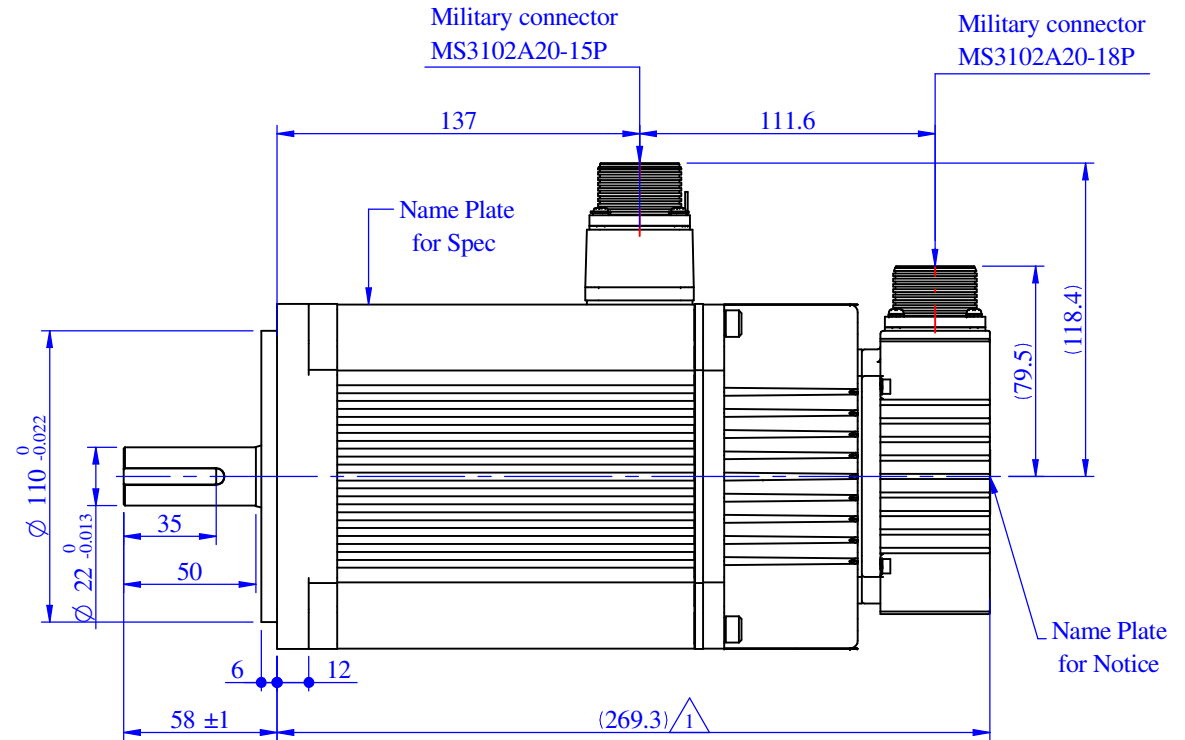
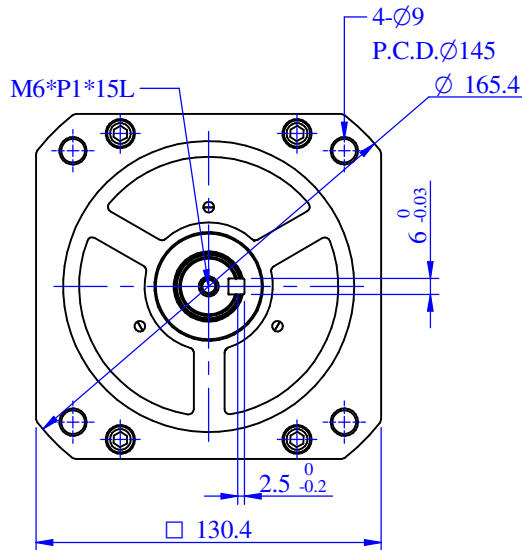
NO	Signal	Color
B	U	Red
G	V	White
E	W	Black
A	BRAKE 0V	thin white
F	BRAKE 24V	thin white
C	FG	Green

motor wiring

encoder wiring

Note:

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



STANDARD TOLERANCE				APVD		SCALE 7/20		UNIT mm		NAME Servo Motor Outline Drawing	
X	±0.5			CHKD		3RD .A.P		TITLE		JSMA-PMB20AAKB	
.X	±0.2			CHKD							
.XX	±0.05			DWN							
ANGLE	±30'	01		Sam		12-26-'17		Sam		11-20-'17	
MATERIAL		REV	DESCRIPTION	SIGNATURE	DATE	SIGNATURE	DATE	TECO ELECTRO DEVICES CO., LTD. Dept. Design		DWG.NO.	D01B13202B3B3AD01