

1	PS1 (MASTER)	BLUE
2	BAT0V	BLACK (UL1430:AWG24)
3	PG5V	RED
4	*PS1 (MASTER)	GRAY
5	BAT3, 6V	RED (UL1430:AWG24)
6	PG0V	BLACK
7	FG	DRAIN WIRE
8	*PS2 (SLAVE)	WHITE
9	PS2 (SLAVE)	GREEN

MOTOR CABLE CONNECTION

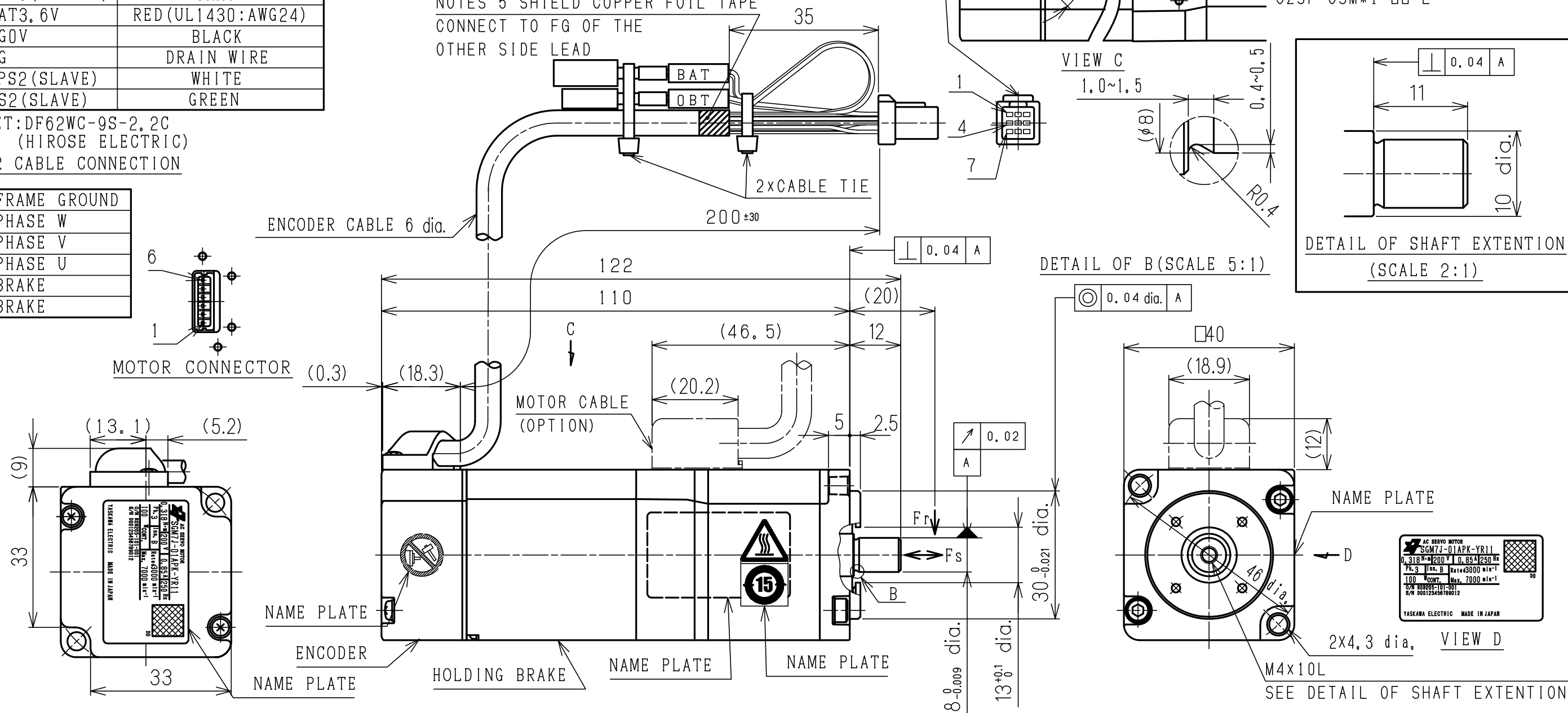
1	FRAME GROUND
2	PHASE W
3	PHASE V
4	PHASE U
5	BRAKE
6	BRAKE



MOTOR CONNECTOR

SOCKET:DF62WC-9S-2,2C(HIROSE ELECTRIC)
SOCKET TERMINAL:DF62W-2226SCFA(GOLD PLATED)
MATES WITH
PLUG:DF62W-9EP-2,2C
PLUG TERMINAL:DF62W-2226PCFA(GOLD PLATED)

NOTES 5 SHIELD COPPER FOIL TAPE
CONNECT TO FG OF THE
OTHER SIDE LEAD



1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. MOTOR SPECIFICATIONS : 900-185-542
3. ENCODER TYPE : UTTAI-B20RT
THIS ENCODER IS MULTI-DROP SPECIFICATION AND SUPPORTS SAFETY FUNCTION.
4. DEGREES OF PROTECTION: IP65 EXCEPT FOR SHAFT OPENING AND MOTOR CABLE CONNECTION AND THE END OF ENCODER CABLE.
5. GROUND THE SHIELD AT THE END OF ENCODER CABLE TO ENSURE NOISE TOLERANCE.
PROTECT THE CONNECTOR PART AND SINGLE LEAD WIRE PART WITH SHIELD.
6. MOTOR CABLE IS OPTIONAL.

BAT	3.6V (BATTERY)	RED+BROWN	PC-2005M
OBT	0V (BATTERY)	BLACK+YELLOW	PC-2005F

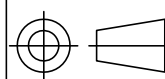
TYPE	RATED OUTPUT W	RATED TORQUE N·m	TIME RATING	RATED SPEED min ⁻¹	MAX SPEED min ⁻¹	RATED CURRENT Arms	WEIGHT kg	ALLOWABLE RADIAL LOAD Fr N	ALLOWABLE THRUST LOAD Fs N
SGM7J-01APK-YR11	100	0.318	CONT.	3000	7000	0.85	0.7	78	54

STATIC FRICTION TORQUE N•m	VOLTAGE V	CAPACITY W
0.318 OR MORE	DC24	5.5

Note:

- 1.All rights reserved.
- 2.Please note that the data is subject to be deleted without advance notice.
- 3.No warranty is given in relation to the data including the specification.
- 4.We are not responsible for any damages or loss caused by the use of the data.

FOR STUDY PURPOSE ONLY



SCALE 1 : 1

YASKAWA
株式会社 安川電機

Reference Drawing

TITLE	FOR MOTOMAN
	DIMENSIONS OF AC SERVOMOTOR

DRWN DATE	Apr.25' 19
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DWG.NO. HW1386419