

DWG.NO. HW1386421

RoHS



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

ENCODER CABLE CONNECTION

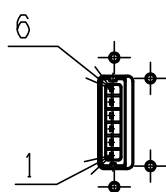
1	PS1 (MASTER)	BLUE
2	BAT0V	BLACK (UL1430:AWG24)
3	PG5V	RED
4	*PS1 (MASTER)	GRAY
5	BAT3,6V	RED (UL1430:AWG24)
6	PG0V	BLACK
7	FG	DRAIN WIRE
8	*PS2 (SLAVE)	WHITE
9	PS2 (SLAVE)	GREEN

SOCKET:DF62WC-9S-2,2C
(HIROSE ELECTRIC)

MOTOR CABLE CONNECTION

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

MOTOR CABLE CONNECTOR



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

ENCODER CABLE 6 dia.

35

350±30

144

127

(62.6)

MOTOR CABLE
(OPTION)
(21.2)

(25)

17

6

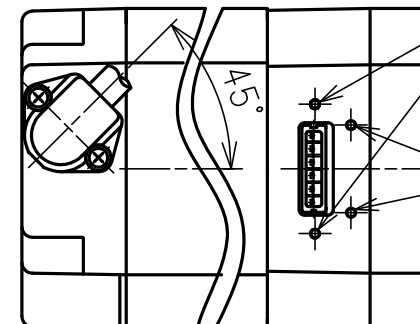
3

NAME PLATE

NAME PLATE

ENCODER

HOLDING BRAKE



VIEW C

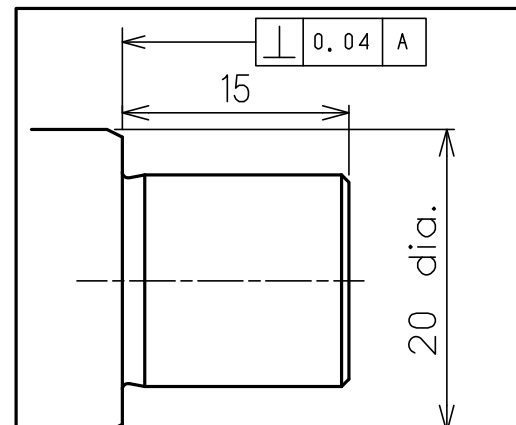
0.5~1.5

0.1~0.2

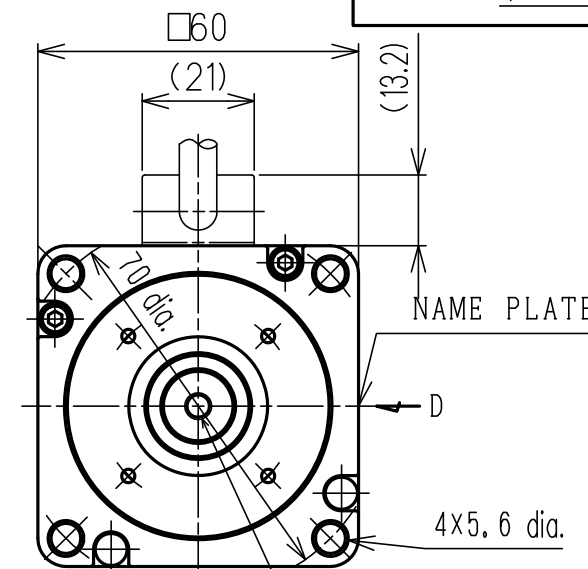


DETAIL OF B (SCALE 5:1)

0.04 dia. A



DETAIL OF SHAFT EXTENTION
(SCALE 2:1)



NAME PLATE

D

4x5.6 dia.

M5x14L

SEE DETAIL OF SHAFT EXTENTION



VIEW D

NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS.
- MOTOR SPECIFICATIONS :900-185-544
- ENCODER TYPE :UTTAI-B20RT
THIS ENCODER IS MULTI-DROP SPECIFICATION AND SUPPORTS
SAFETY FUNCTION.
- DEGREES OF PROTECTION:IP65 EXCEPT FOR SHAFT OPENING
AND MOTOR CABLE CONNECTION AND THE END OF ENCODER CABLE.
- GROUND THE SHIELD AT THE END OF ENCODER CABLE TO
ENSURE NOISE TOLERANCE.
PROTECT THE CONNECTOR PART AND SINGLE LEAD WIRE PART
WITH SHIELD.
- MOTOR CABLE IS OPTIONAL.

INSERTION PINS TERMINAL CONNECTION (NICHIFU)

BAT	3,6V (BATTERY)	RED+BROWN	PC-2005M
OBT	0V (BATTERY)	BLACK+YELLOW	PC-2005F

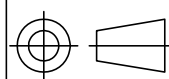
TYPE	RATED OUTPUT W	RATED TORQUE N·m	TIME RATING	RATED SPEED min ⁻¹	MAX SPEED min ⁻¹	RATED CURRENT Arms	WEIGHT kg	ALLOWABLE RADIAL LOAD Fr N	ALLOWABLE THRUST LOAD Fs N
SGM7J-04APK-YR11	400	1.4	CONT.	2700	7000	2.8	1.7	245	74

HOLDING BRAKE SPECIFICATIONS

STATIC FRICTION TORQUE N·m	VOLTAGE V	CAPACITY W
1.4 OR MORE	DC24	6

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:√2

YASKAWA
株式会社 安川電機

Reference Drawing

TITLE FOR MOTOMAN
DIMENSIONS OF AC SERVOMOTOR

DRWN DATE Apr.25' 19

DWG.NO.

HW1386421

SIZE A3