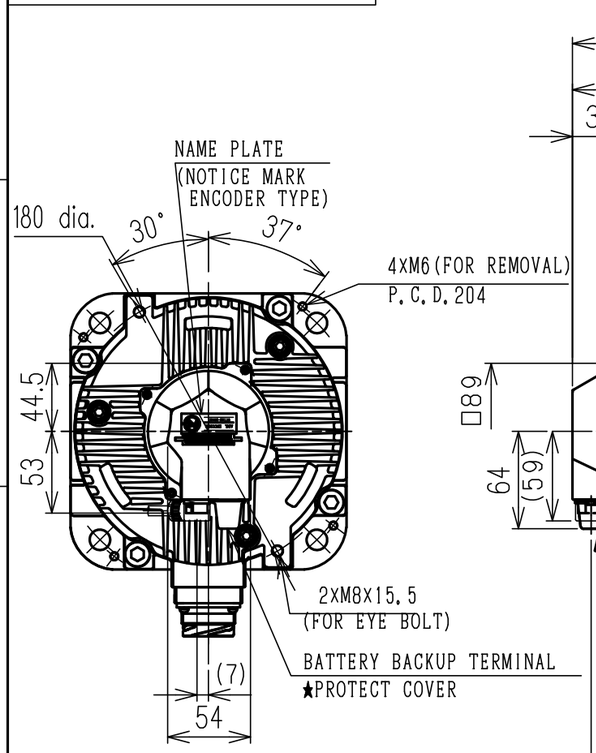
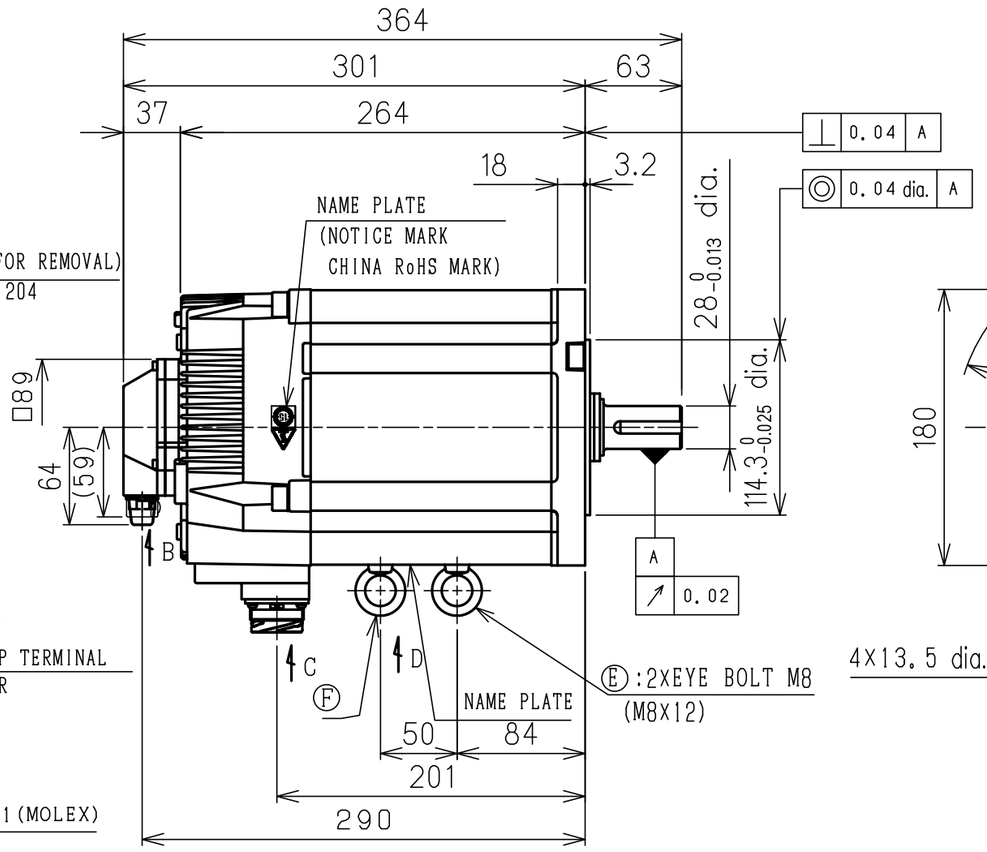
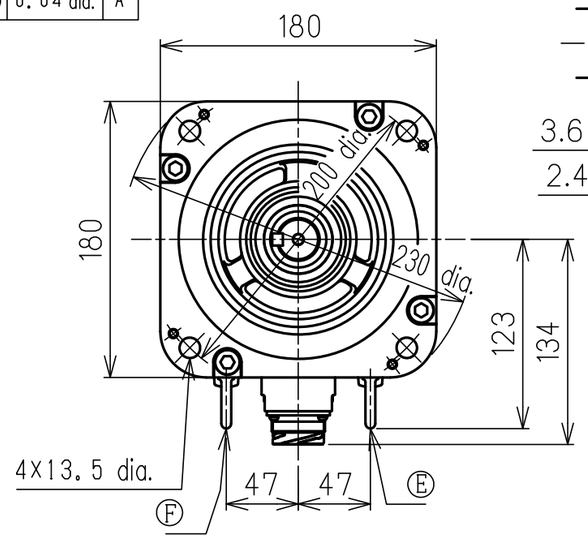
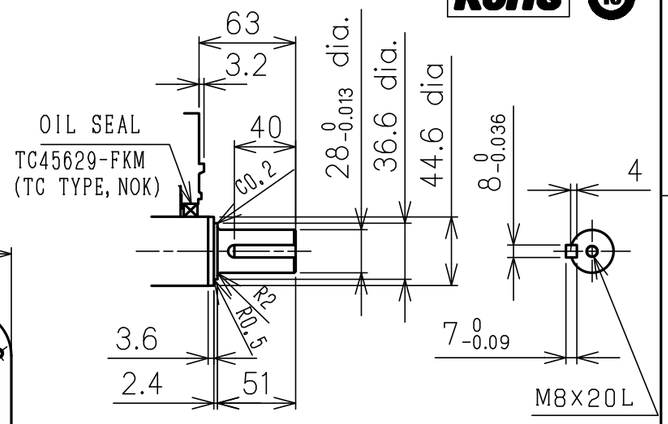
DWG.NO. HW1386428

RoHS 15

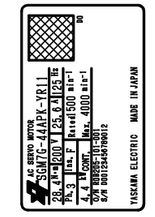




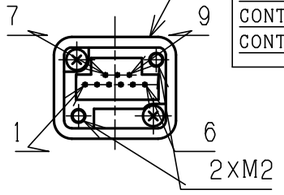




DETAIL OF SHAFT EXTENTION



VIEW D: NAME PLATE(SCALE1:1)



PLUG:55833-0981(MOLEX)

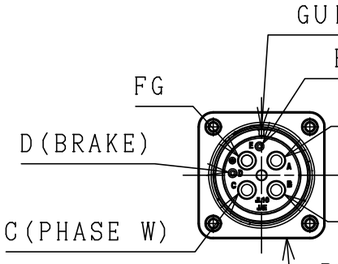
MATES WITH

APPLY HOUSING
HOUSING:54346-0070
CONTACT(APART):56161-8181
CONTACT(CHAIN):56161-8081

VIEW B(SCALE1:1)

ENCODER TERMINAL CONNECTION(MOLEX)

PIN	SIGNAL
1	FG
2	PS2(SLAVE)
3	PG0V
4	PS1(MASTER)
5	*PS1(MASTER)
6	PG5V
7	*PS2(SLAVE)
8	BAT0V
9	BAT3.6V



VIEW C (SCALE 1:2)

RECEPTACLE:JL10-2E22-A6PCE(JAE)

MATES WITH

APPLY PLUG
PLUG:JL10-8A22-A6SE-EB(ANGLE)

MOTOR TERMINAL CONNECTION(JAE)

PIN	SIGNAL
A	PHASE U
B	PHASE V
C	PHASE W
D	BRAKE
E	BRAKE
FG	FRAME GROUND

BATTERY BACKUP TERMINAL CONNECTION(NICHIFU)

PC-2005M	BATTERY(+)
PC-2005F	BATTERY(-)

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. MOTOR SPECIFICATION :900-238-231
3. ENCODER TYPE :UTTAH-B20RT
   THIS ENCODER IS MULTI-DROP SPECIFICATION AND SUPPORTS SAFETY FUNCTION.
4. DEGREES OF PROTECTION:IP67 EXCEPT FOR SHAFT OPENING.
5. VIBRATION : 15μm OR BELOW.
6. MOTOR WITH OIL SEAL SHOULD BE OPERATED UNDER THE FOLLOWING CONDITIONS.
   ・TAKE CARE THAT METAL POWDER OF THE GEAR DOES NOT COME TO THE OIL SEAL LIP PART.
   ・USE IT IN SUCH A STATE THAT GREASE IS SUPPLIED TO THE OIL SEAL LIP PART.
7. DIMENSIONS OF THE KEYWAY ARE CONFORMED TO JIS(JAPANESE INDUSTRIAL STANDARD) NO.B1301 "SUNK KEYS AND THEIR CORRESPONDING KEYWAYS (CLOSE KEYS)".
8. RESIN RETAINER AND UREA TYPE GREASE IS USED FOR BEARING OF MOTOR AND ENCODER.
9. WHEN CONNECTING THE BACKUP BATTERY, REMOVE THE PROTECT COVER(PART ★) AND CONNECT.
10. HOLDING BRAKE IS FOR POSITION HOLDING. DO NOT USE TO STOP THE MOTOR.

HOLDING BRAKE SPECIFICATIONS			
STATIC FRICTION TORQUE N・m	EMERGENCY BREAKING TORQUE N・m	VOLTAGE V	CAPACITY W
43.1 OR MORE	65 OR LESS	DC24V	18.5

TYPE	RATED OUTPUT kW	RATED TORQUE N・m	TIME RATING	RATED SPEED min^{-1}	MAX SPEED min^{-1}	RATED CURRENT A	WEIGHT kg	ALLOWABLE RADIAL LOAD N	ALLOWABLE THRUST LOAD N
SGM7G-44APK-YR11	4.4	28.4	CONT.	1500	4000	25.6	35	980 (SHAFT END)	490

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 : 4

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. HW1386428 ◇1

SIZE A3