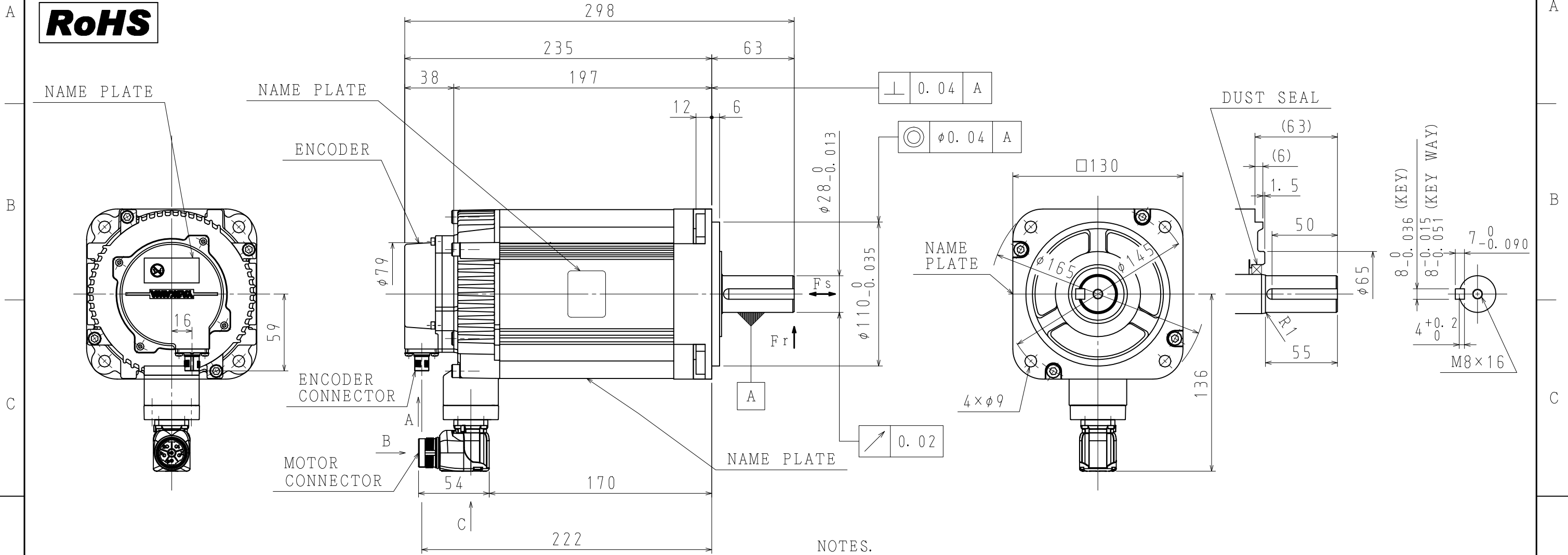


DWG. NO. 900-185-971

RoHS



- NOTES.
1. ALL DIMENSIONS ARE IN MILLIMETERS.
 2. MOTOR SPECIFICATIONS : 900-172-604
 3. ENCODER SPECIFICATIONS: 900-180-869 (24BIT INCREMENTAL)
 4. VIBRATION : 15 μ m OR BELOW AT RATED SPEED.
 5. PLUGS AND CABLE CLAMPS ARE OPTIONAL.
 6. READ AND UNDERSTAND DOCUMENT PACKED WITH MOTOR (SAFETY PRECAUTIONS), AND BE CAREFUL USING MOTOR.
 7. DEGREES OF PROTECTION: IP67 EXCEPT FOR SHAFT OPENING. MUST USE SPECIFIED CONNECTORS FOR MOTOR.
 8. DO NOT TOUCH EACH OF CONNECTOR PINS DIRECTLY. IT CAUSE FAILURE.
 9. IN CASE OF MOUNTING THIS MOTOR HORIZONTAL, TO PLACE THE CONNECTOR DOWN IS RECOMMENDABLE.
 10. USE HEXAGON SOCKET HEAD CAP SCREWS FOR MOUNTING MOTOR.
 11. MOTOR CONNECTOR COULD BE TURNED IN THE RANGE OF ☆ WITHIN 10 TIMES.

ENCODER TERMINAL CONNECTION

1	PG5V
2	PG0V
3	FRAME GROUND
4	-
5	-
6	DATA (+)
7	DATA (-)
8	-
CON. CASE	FRAME GROUND

VIEW A

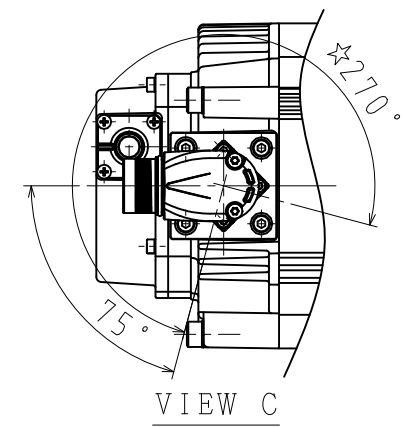
RECEPTACLE SIZE:M12
HOUSING:SACC-MSQ-M12MS-25-3, 2 SCO
MAKER:PHOENIX CONTACT

MOTOR TERMINAL CONNECTION

1	PHASE V
2	-
4	-
5	PHASE U
6	PHASE W
FG	FRAME GROUND
CON. CASE	FRAME GROUND

VIEW B

RECEPTACLE SIZE:M23
HOUSING:SF-5EP1N8AAD00S
MAKER:PHOENIX CONTACT



TYPE	RATED OUTPUT kW	RATED TORQUE N·m	TIME RATING	RATED SPEED min ⁻¹	VOLTAGE V _{rms}	RATED CURRENT A _{rms}	THERMAL CLASS	WEIGHT kg	ALLOWABLE RADIAL LOAD F _r N	ALLOWABLE THRUST LOAD F _s N
SGM7A-40DFF6F	4.0	12.6	CONT.	3000	400 (3PHASE)	12.5	F	14.0	1176 (AT SHAFT END)	392

DRWN: Y. YAMAKAWA
CHKD: T. HIROSE
APRV: K. AOKI

TITLE: AC SERVOMOTOR Σ-7 SERIES
SGM7A MODEL 4.0kW

DRWN. DATE: DEC. 2' 15
DWG. NO.: 900-185-971

REV.:
SIZE: A3