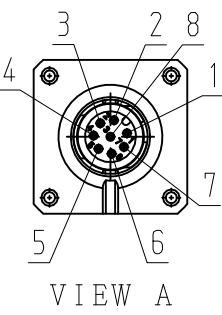


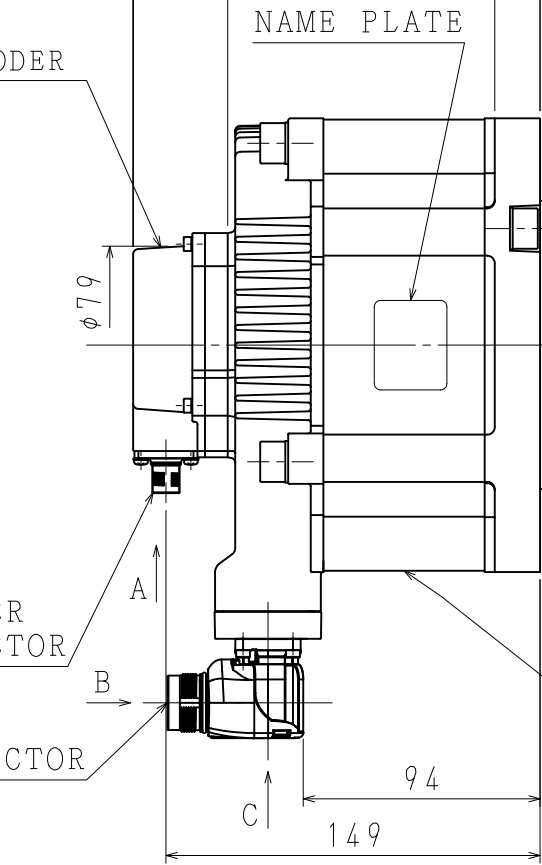
ENCODER TERMINAL CONNECTION

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

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



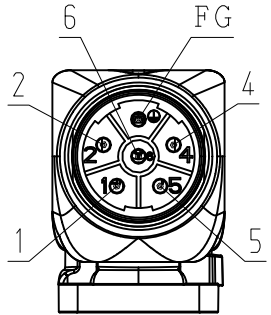
VIEW A



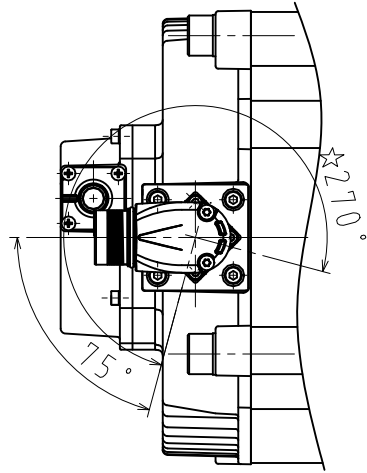
MOTOR TERMINAL CONNECTION

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

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



VIEW B



VIEW C

NOTES.

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. MOTOR SPECIFICATIONS :900-177-305
3. ENCODER SPECIFICATIONS:900-193-533 (24BIT INCREMENTAL)
4. VIBRATION : 15μm 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.

TYPE	RATED OUTPUT kW	RATED TORQUE N·m	TIME RATING	RATED SPEED min <sup>-1</sup>	VOLTAGE V <sub>rms</sub>	RATED CURRENT A <sub>rms</sub>	THERMAL CLASS	WEIGHT kg	ALLOWABLE RADIAL LOAD Fr N	ALLOWABLE THRUST LOAD Fs N
SGM7G-30DFR6F	2.9	18.6	CONT.	1500	400 (3PHASE)	15.7	F	14.0	1470 (AT SHAFT END)	490

F		DRWN.	M MURAKI	TITLE	AC SERVOMOTOR Σ-7 SERIES	DRWN. DATE	Oct. 26 ' 16	REV.	◇
		CHKD.	T. HIROSE			DWG. NO.	900-191-776		
		APRV.	K. AOKI			SGM7G MODEL 2.9kW			