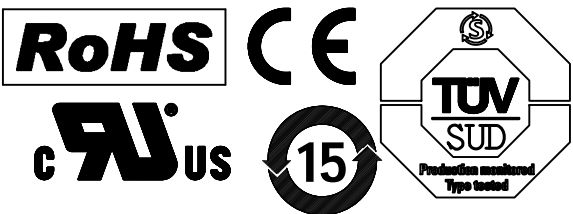


DWG. NO. 900-191-773



NAME PLATE NAME PLATE

ENCODER

ENCODER CONNECTOR

MOTOR CONNECTOR

NAME PLATE

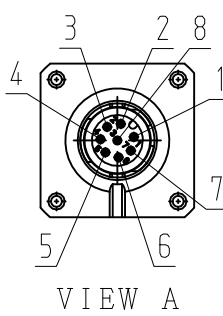
DUST SEAL

DETAIL OF SHAFT EXTENSION

ENCODER TERMINAL CONNECTION

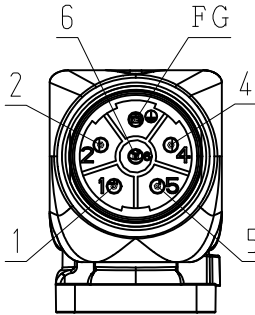
MOTOR TERMINAL CONNECTION

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

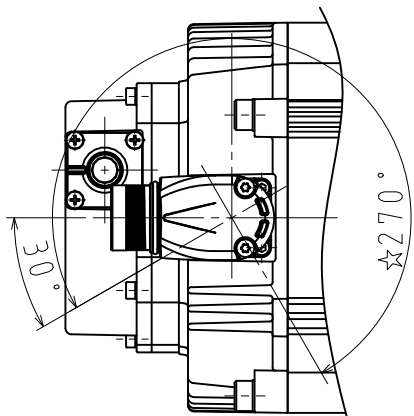


VIEW A

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



VIEW B



VIEW C

RECEPTACLE SIZE:M12

HOUSING:SACC-MSQ-M12MS-25-3, 2 SCO

MAKER:PHOENIX CONTACT

RECEPTACLE SIZE:M23

HOUSING:SF-5EP1N8AAD00S

MAKER:PHOENIX CONTACT

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 F <sub>r</sub> N	ALLOWABLE THRUST LOAD F <sub>s</sub> N
SGM7G-09DFRKF	0.85	5.39	CONT.	1500	400 (3PHASE)	5.3	F	5.6	490 (AT SHAFT END)	98

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.
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.

YASKAWA

DRWN K. KUROGOME  
CHKD T. HIROSE  
APRV K. AOKI

TITLE AC SERVOMOTOR Σ-7 SERIES  
SGM7G MODEL 0.85kW

DRWN. DATE Oct. 27 '16  
DWG. NO. 900-191-773  
REV.

SIZE A3