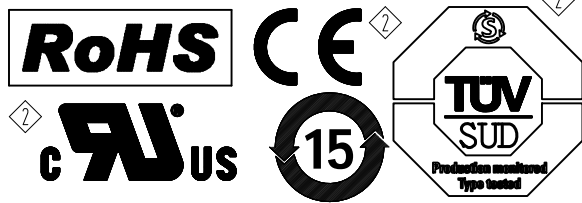
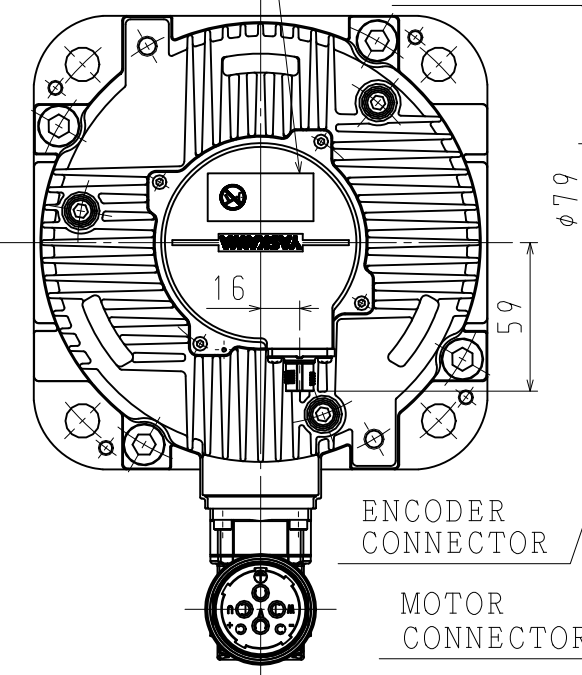


DWG. NO. 900-191-771



NAME PLATE
HOLDING BRAKE
ENCODER



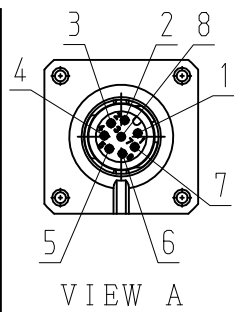
ENCODER CONNECTOR
MOTOR CONNECTOR

NAME PLATE

NAME PLATE

ENCODER TERMINAL CONNECTION

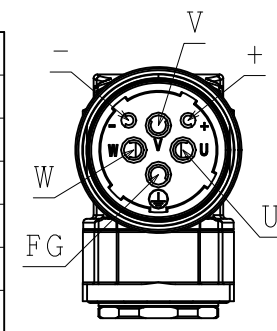
1	PG5V
2	PG0V
3	FRAME GROUND
4	BAT (+)
5	BAT (-)
6	DATA (+)
7	DATA (-)
8	-
CON. CASE	FRAME GROUND



VIEW A

MOTOR TERMINAL CONNECTION

U	PHASE U
V	PHASE V
W	PHASE W
+	BRAKE
-	BRAKE
FG	FRAME GROUND
CON. CASE	FRAME GROUND



VIEW B

RECEPTACLE SIZE:M40

HOUSING:SM-5EPWN8AAD00S

MAKER:PHOENIX CONTACT

RECEPTACLE SIZE:M12

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

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 Fr N	ALLOWABLE THRUST LOAD Fs N
SGM7G-44D7R6H	4.4	28.4	CONT.	1500	400 (3PHASE)	20.8 19.3	F	24.0	1470 (AT SHAFT END)	490

NOTES.

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. MOTOR SPECIFICATIONS :900-177-305
3. ENCODER SPECIFICATIONS:900-193-532 (24BIT ABSOLUTE)
4. HOLDING BRAKE CANNOT BE USED TO STOP MOTOR.
5. VIBRATION : 15μm OR BELOW AT RATED SPEED.
6. PLUGS AND CABLE CLAMPS ARE OPTIONAL.
7. READ AND UNDERSTAND DOCUMENT PACKED WITH MOTOR (SAFETY PRECAUTIONS), AND BE CAREFUL USING MOTOR.
8. DEGREES OF PROTECTION:IP67 EXCEPT FOR SHAFT OPENING. MUST USE SPECIFIED CONNECTORS FOR MOTOR.
9. DO NOT TOUCH EACH OF CONNECTOR PINS DIRECTLY. IT CAUSE FAILURE.
10. IN CASE OF MOUNTING THIS MOTOR HORIZONTAL, TO PLACE THE CONNECTOR DOWN IS RECOMMENDABLE.
11. USE HEXAGON SOCKET HEAD CAP SCREWS FOR MOUNTING MOTOR.
12. MOTOR CONNECTOR COULD BE TURNED IN THE RANGE OF ☆ WITHIN 10 TIMES.

YASKAWA

DRWN.	H. KATO
CHKD.	T. HIROSE
APRV.	K. AOKI

TITLE AC SERVOMOTOR Σ-7 SERIES
SGM7G MODEL 4.4 kW

DRWN. DATE	Mar. 05' 16	REV.	
DWG. NO.	900-191-771		

SIZE A3