



ENCODER TERMINAL CONNECTION		MOTOR TERMINAL CONNECTION		RECEPTACLE SIZE:M12		HOUSING:SACC-MSQ-M12MS-25-3, 2 SCO		MAKER:PHOENIX CONTACT		RECEPTACLE SIZE:M40		HOUSING:SM-5EPWN8AAD00S		MAKER:PHOENIX CONTACT	
1	PG5V	3	2	8	4	1	7	5	6	U	PHASE U	V	PHASE V	W	PHASE W
2	PG0V	4	1	7	5	6	U	PHASE U	V	PHASE V	W	PHASE W	+	-	-
3	FRAME GROUND	5	6	U	PHASE U	V	PHASE V	W	PHASE W	+	-	-	FG	FRAME GROUND	CON. CASE
4	BAT (+)	6	U	PHASE U	V	PHASE V	W	PHASE W	+	-	-	FG	FRAME GROUND	CON. CASE	FRAME GROUND
5	BAT (-)	7	U	PHASE U	V	PHASE V	W	PHASE W	+	-	-	FG	FRAME GROUND	CON. CASE	FRAME GROUND
6	DATA (+)	8	U	PHASE U	V	PHASE V	W	PHASE W	+	-	-	FG	FRAME GROUND	CON. CASE	FRAME GROUND
7	DATA (-)														
8	-														
CON. CASE	FRAME GROUND														

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-44D7R6F	4.4	28.4	CONT.	1500	400 (3PHASE)	20.8 19.3	F	18.0	1470 (AT SHAFT END)	490

DRWN.	H. KATO	TITLE	AC SERVOMOTOR Σ-7 SERIES	DRWN. DATE	Mar. 05' 16	REV.	
CHKD.	T. HIROSE			DWG. NO.	900-191-765		
APRV.	K. AOKI		SGM7G MODEL 4.4kW				

SCALE 1 : 3

**YASKAWA**

SIZE A3