

Technical drawing of the ENCO connector. The drawing shows a side view of the connector with a circular top flange and a central mounting bracket. Dimensions are indicated: a horizontal distance of 16 from the center to the mounting bracket, and a vertical distance of 59 from the top flange to the mounting bracket. The text "ENCO" and "CONN" are visible on the right side of the drawing.

[illegible]

NAME PLATE
(NOTICE MARK)

DUST SEAL

DETAIL OF SHAFT EXTENSION

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

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

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
SGM7A-25DFF6F	2.5	7.96	CONT.	3000	400 (3PHASE)	7.4	F	6.9	686 (AT SHAFT END)	196

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. MOTOR SPECIFICATIONS : 900-172-604
3. ENCODER SPECIFICATIONS: 900-172-504 (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.
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.

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

TITLE	AC SERVOMOTOR Σ -7 SERIES
	SGM7A MODEL 2.5 kW

S	DRWN. DATE	July. 01' 15
	DWG. NO.	900-181-044

REV

SIZE	A3
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