



Product Service

EC-Statement of Compliance

No. E6 12 07 22021 459

Holder of Certificate: Yaskawa Electric Corp.
Tokyo Plant

480 Kamifujisawa, Iruma
Saitama 358-8555
JAPAN

Name of Object: Industrial, Scientific and Medical
equipment
AC Servo Motor

Model(s): SGMAJ-A5C*****, SGMAJ-A8C*****,
SGMAJ-A5E*****, SGMAJ-01E*****,
SGMAJ-02E*****, SGMAJ-03E*****,
SGMPJ-03E*****
(See Attachment for Nomenclature)

Description of Object:

Rated Voltage: 24 VDC/ 48 VDC
Rated Power: 0.05 kW-0.30 kW (SGMAJ)
0.30 kW (SGMPJ)
Protection Class: I
EMC Classification: Group 1, Class A(EN 55011/A1)

Tested according to: EN 55011/A1:2010
EN 61000-6-2:2005

This EC-Statement of Compliance is issued according to the Directive 2004/108/EC relating to electromagnetic compatibility. It confirms that the listed apparatus complies with such aspects of the essential requirements of the EMC directive as specified by the manufacturer or his authorized representative in the European Community and applies only to the sample and its technical documentation submitted to TÜV SÜD Product Service GmbH for testing and certification. See also notes overleaf.

Technical report no.: 73538138

Date, 2012-07-02 (Johann Roidt)



TÜV SÜD Product Service GmbH is Notified Body to the Directive 2004/108/EC of the European Parliament and of the council with the identification number 0123.

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Product Service

SGMAJ/SGMPJ SERIES
NOMENCLATURE:

1)Standard

SGMAJ - 03 E A A 2 BH -E
 a b c d e f g h

- a. Motor Type : Σ -II Series SGMAJ Type
- b. Motor Output : A5-0.05kW
 A8-0.08kW
 01-0.10kW
 02-0.20kW
 03-0.30kW
- c. Power Supply : C-24V
 E-48V
- d. Encoder Spec.: A-Incremental (13 bit serial)
 B-Incremental (16 bit serial)
 C-Incremental (17 bits serial)
 1-Absolute Value (16 bit serial)
 2-Absolute Value (17 bits serial)
 4-Absolute Value (16 bits serial with built-in-capacitor)
 5-Absolute Value (17 bits serial with build-in-capacitor)
- e. Design Revision Order: A-Standard
 E-Drip proof provision
 F-Different from standard flange type
- f. Shaft Type : 2-Straight (without keyway)
 3-Tapped 1/10 (with parallel keyway)
 4-Straight (with keyway)
 5-Tapped 1/10 (with woodruff keyway)
 6-Straight (with keyway and tapped hole)
 8-Straight (with tapped hole)
 A-Straight (with flat key seat)
 B-Straight (with double flat key seat)
 C-Straight (with keyway and flat key seat)

Attachment

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Product Service

g. Options and Lead wire length specification:

		Lead wire length			
		300mm	500mm	1000mm	1500mm
Standard Connector	without option	1	1H	1J	1K
	with brake(90V)	B	BH	BJ	BK
	with brake(24V)	C	CH	CJ	CK
	with shaft seal	S	SH	SJ	SK
	with brake(90V) and shaft seal	D	DH	DJ	DK
	with brake(24V) and shaft seal	E	EH	EJ	EK
Drip-proofed Connector	without option	1D	1E	1F	1G
	with brake(90V)	BD	BE	BF	BG
	with brake(24V)	CD	CE	CF	CG
	with shaft seal	SD	SE	SF	SG
	with brake(90V) and shaft seal	DD	DE	DF	DG
	with brake(24V) and shaft seal	ED	EE	EF	EG

h. Additional type:

Blank
-E

-Standard

-Standard (for ROHS directive)

Attachment

Statement No. **E6 12 07 22021 459**



Product Service

h. Options and Lead wire length specification:

		Lead wire length			
		300mm	500mm	1000mm	1500mm
Standard Connector	without option	1	1H	1J	1K
	with brake(90V)	B	BH	BJ	BK
	with brake(24V)	C	CH	CJ	CK
	with shaft seal	S	SH	SJ	SK
	with brake(90V) and shaft seal	D	DH	DJ	DK
	with brake(24V) and shaft seal	E	EH	EJ	EK
Drip-proofed Connector	without option	1D	1E	1F	1G
	with brake(90V)	BD	BE	BF	BG
	with brake(24V)	CD	CE	CF	CG
	with shaft seal	SD	SE	SF	SG
	with brake(90V) and shaft seal	DD	DE	DF	DG
	with brake(24V) and shaft seal	ED	EE	EF	EG

i. Additional type: Blank -Standard
 -E -Standard (for ROHS directive)

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Product Service

3) Exclusive Design for Customer

$$\frac{\text{SGMAJ} - \text{03} \ \underline{\text{E}} \ \underline{\text{A}} \ \underline{\text{AG}} - \ \underline{\text{**}} \ \underline{\text{**}}}{\text{a} \quad \text{b} \ \text{c} \ \text{d} \ \text{e} \quad \text{f} \ \text{g} \ \text{h} \ \text{i}}$$

- a. Motor Type : Σ -II Series SGMAJ Type
- b. Motor Output :
 - A5-0.05kW
 - A8-0.08kW
 - 01-0.10kW
 - 02-0.20kW
 - 03-0.30kW
- c. Power Supply :
 - C-24V
 - E-48V
- d. Encoder Spec.:
 - A-Incremental (13 bit serial)
 - B-Incremental (16 bit serial)
 - C-Incremental (17 bits serial)
 - 1-Absolute Value (16 bit serial)
 - 2-Absolute Value (17 bits serial)
 - 4-Absolute Value (16 bits serial with built-in-capacitor)
 - 5-Absolute Value (17 bits serial with built-in-capacitor)
- e. Design Revision Order:
 - A-Standard (without gear)
 - E-Dripproof provision (without gear)
 - AG-With non-backlash gear
 - AH-With non-backlash gear
 - AJ-With standard backlash gear
 - EG-With non-backlash gear and Dripproof provision
 - EH-With non-backlash gear and Drip proof provision
 - EJ-With standard backlash gear and Dripproof provision
- f,g. Customer Code: put any alphabets.
- h,i. Design Revision Order for Customer: put any numbers.

Attachment

Statement No. **E6 12 07 22021 459**



Product Service

1) Standard

SGMPJ - 03 E A A 2 BH -E
 a b c d e f g h

- a. Motor Type : Σ -II Series SGMPJ Type
- b. Motor Output : 03-0.30kW
- c. Power Supply : E-48V
- d. Encoder Spec.:
- | | |
|------------------|--|
| A-Incremental | (13 bit serial) |
| B-Incremental | (16 bit serial) |
| C-Incremental | (17 bits serial) |
| 1-Absolute Value | (16 bit serial) |
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- A-Standard
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 - F-Different from standard flange type
- f. Shaft Type:
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 - 3-Tapped 1/10(with parallel keyway)

 - 4-Straight (with keyway)
 - 5-Tapped 1/10(with woodruff keyway)

 - 6-Straight (with keyway and tapped hole)
 - 8-Straight (with tapped hole)
 - A-Straight (with flat key seat)
 - B-Straight (with double flat key seat)
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	with shaft seal	S	SH	SJ	SK
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Drip-proofed Connector	without option	1D	1E	1F	1G
	with brake(90V)	BD	BE	BF	BG
	with brake(24V)	CD	CE	CF	CG
	with shaft seal	SD	SE	SF	SG
	with brake(90V) and shaft seal	DD	DE	DF	DG
	with brake(24V) and shaft seal	ED	EE	EF	EG

h. Additional type:

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Standard Connector	without option	1	1H	1J	1K
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i. Additional type:

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-Standard (for ROHS directive)

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Statement No. **E6 12 07 22021 459**



Product Service

3) Exclusive design for customer

$$\frac{\text{SGMPJ}}{\text{a}} - \frac{\text{03}}{\text{b}} \frac{\text{E}}{\text{c}} \frac{\text{A}}{\text{d}} \frac{\text{AG}}{\text{e}} - \frac{*}{\text{f}} \frac{*}{\text{g}} \frac{*}{\text{h}} \frac{*}{\text{i}}$$

- a. Motor Type : Σ -II Series SGMPJ Type
- b. Motor Output : 03-0.30kW
- c. Power Supply : E-48V
- d. Encoder Spec.:
 - A-Incremental (13 bit serial)
 - B-Incremental (16 bit serial)
 - C-Incremental (17 bits serial)
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