



Product Service

CERTIFICATE

No. B 10 12 22021 400

Holder of Certificate: Yaskawa Electric Corp.

Tokyo Plant

480 Kamifujisawa, Iruma
Saitama 358-8555
JAPAN

Production

42802, 48921, 51708, 38373, 23987, 75416

Facility(ies):

Certification Mark:



Product:

**AC servo systems
AC Servo Amplifiers**

Model(s):

SGDS-* ** * series
SGDS-*** ** * ** * -E series
(See Attachment for Nomenclature)**

Parameters:

Rated voltage:	AC 200 - 230 V 3AC 200 - 230 V AC 100 - 115 V
Rated frequency:	50 / 60 Hz
Rated input current:	0,6 - 41,0 A
Overvoltage category:	III
Pollution degree:	2
Protection class:	I

Remark:

When installing / inserting the equipment, all requirements of the mentioned test standard must be fulfilled.

Tested according to: EN 50178:1997

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: TYOMAE16328-11

Date, 2010-12-13

(Shigenori Tanaka)

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SGDS- ** * ** * * Y**** -*
 1 2 3 4 5 6 7 8

- 1: Series name
 ∑-III Series, SGDS Servopack
- 2: Maximum applicable Servomotor capacity (table-1)
- 3: Rated input
 A: 200 to 230Vac, 3ac
 F: 100 to 115Vac
- 4: Model Interface, any 2 digits number for secondary (non critical)
- 5: Design order
 A: Standard
- 6: Option specification 1
 Table-2
- 7: Option specification 2
 Table-3
- 8: -E Rohs implementation and improve the product quality
 (Table-1B)
 Blank Original model

Table-1

Group	Maximum applicable servo motor (KW)
A3	0,03
A5	0,05
01	0,1
02	0,2
04	0,4
05	0,5
08	0,75
10	1,0
15	1,5
20	2,0
30	3,0
50	5,0
60	6,0
75	7,5

Table-1B

Group	Maximum applicable servo motor (KW)	Remark
A3	0,03	-E
A5	0,05	-E
01	0,1	-E
02	0,2	-E
04	0,4	-E
05	0,5	-E
08	0,75	-E
10	1,0	-E
15	1,5	-E
20	2,0	-E
30	3,0	-E

Notes:

-E: Rohs implementation



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Table-2

Group	Option specification 1
Blank	Standard
R	Rack mount type
P	Duct ventilation type
S	One phase input voltage type
V	Board coating (Varnish)
A	Rack mount type + one phase input type
B	Rack mount type + Board coating (Varnish)
C	Duct ventilation type + Board coating (Varnish)
D	Duct ventilation type + one phase input type
E	One phase input type + Board coating (Varnish)

Table-3

Notes for optional specification-2

If the last digit is an alphabetic letter, the code is used for our customer's EC control.

Group	Option Specification -2	Difference from Standard Model
Blank	Standard	--
Y5**	Registration group for a parameter or software	Software and/or parameters are changed. Hardware is exactly same.
Y6**	Registration group for a parameter or software	Software and/or parameters are changed. Hardware is exactly same.
Y7**	Registration group for a parameter or a software	Software and/or parameters are changed. Hardware is exactly same as the product, which has been registered beforehand.
Y8**	Registration group for a parameter or a software	Software and/or parameters are changed. Hardware is exactly same as the product, which has been registered beforehand.
Y9**	Registration group for a parameter or a software	Software and/or parameters are changed. Hardware is exactly same as the product, which has been registered beforehand.
Y27	Hardware is specialized for a customer as well as software.	The parts are fixed for vibration stabilizer. Software is specified for customer.
Y35	Hardware is specialized for a customer as well as software.	The pars are fixed for vibration stabilizer. Software is specified for customer.
Y37	Hardware is specialized for a customer as well as software.	Put addition of the capacitors. Software is specified for customer.