

CERTIFICATE

No. B 04 08 22021 163



Holder of Certificate: Yaskawa Electric Corp.
Tokyo Plant
480 Kamifujisawa, Iruma
Saitama 358-8555
Japan

Certification Mark:



Product: AC servo systems
AC Servo Amplifier

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. See also notes overleaf.

Test report no.: TYOMAE16328



Date, 2004-08-05

Page 1 of 4

CERTIFICATE
No. B 04 08 22021 163



Model(s): **SGDS-*** ** * 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 - 25,0 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

Production Facility(ies): 48921

Certificate Attachment
Certificate No.



B 04 08 22021 163

Nomenclature

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

- 1: Series name
Σ-III Series, SGDS Servopack
- 2: Maximum applicable Servomotor capacity (table-1)
- 3: Rated input
A: 200 to 230Vac
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

Table-1

Group	Maximum applicable servo motor (KW)
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

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)

Certificate Attachment
 Certificate No.



B 04 08 22021 163

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 before.
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 before.
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 before.
Y27	Hardware is specialized for a customer as well as software.	The parts are fixed for vibration stabilizer. Software is specified for customer.
Y37	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.	Put addition of the capacitors. Software is specified for customer.