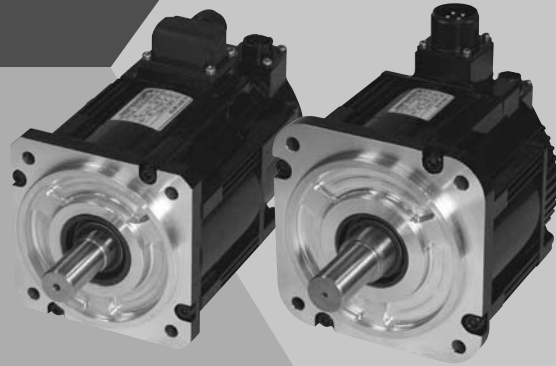
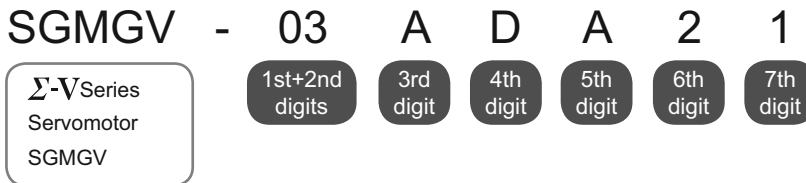


Rotary Servomotors

SGMGV



Model Designations



1st+2nd digits Rated Output

Code	Specifications
03	300 W
05	450 W
09	850 W
13	1.3 kW
20	1.8 kW
30	2.9 kW
44	4.4 kW
55	5.5 kW
75	7.5 kW
1A	11 kW
1E	15 kW

3rd digit Power Supply Voltage

Code	Specifications
A	200 VAC
D	400 VAC

4th digit Serial Encoder

Code	Specifications
3	20-bit absolute
D	20-bit incremental

5th digit Design Revision Order

Code	Specifications
A	Standard

6th digit Shaft End

Code	Specifications
2	Straight without key
6	Straight with key and tap

7th digit Options

Code	Specifications
1	Without options
B	With holding brake (90 VDC)
C	With holding brake (24 VDC)
D	With oil seal and holding brake (90 VDC)
E	With oil seal and holding brake (24 VDC)
S	With oil seal

Limited Stock Items
 Non-Stock Items

Features

- High-speed driving of feed shafts for various machines
- Wide selection: 300 W to 15 kW capacity, holding brake option
- Mounted serial encoder: 20 bits, high resolution
- Protective structure: IP67

Application Examples

- Machine tools
- Transfer machines
- Material handling machines
- Food processing equipment

Configurations of connectors for the main circuit vary depending on servomotor capacity.



SGMGV-03/-05

- The connectors are used only for Yaskawa servomotors. Order the connectors specified by Yaskawa.
- Both protective structure IP67 and European Safety Standards compliant connectors are available.
- For details, refer to page 59 and 60.



SGMGV-09 to -1E

- The connectors for these models are round. The connectors specified by Yaskawa are required. Note that the connectors vary depending on the operation environment of servomotors.
- Two types of connectors are available.
 - Standard connectors: for details, refer to page 64 and 65.
 - Protective structure IP67 and European Safety Standards compliant connectors: for details, refer to page 66.