

1. Introduction

Unpacking

- Verify that the model No. matches your order sheet.
- Damage in transit is not found.

Should you find any discrepancy in the product, consult your local dealer.

General description of the speed controller

The MGSD type speed controller is designed to operate with a small geared motor to adjust and vary its speed. The speed is adjusted from the speed setting knob. The input voltage can be single-phase 100-120 VAC, or single-phase 200 – 240 VAC. The speed controller is compatible with EC directive and UL standard.

Compatible with DIN terminal block which is convenient to install on the distribution board, and small timer common option available from Matsushita Electric Works, Ltd. (pp. 32 – 37).

Read this manual thoroughly so that you will become gradually acquainted with the excellent features of your speed controller for small geared motor and understand how to fully utilize these functions. The speed controller is designed to be integrated into a general control board. The product must be handled by experienced personnel familiar with the product.

Designation and rating on the nameplate

The nameplate contains the following information:

- Rated input voltage:** Input 50/60Hz 1Ph 200–240V
- Input current:** Input Current 1.0A
- Rated speed:** Rated Speed 1400/1700min⁻¹
- Rated output:** Rated Output 6–90W
- Serial No. (production No.):** Ser.No. 06110001G
Matsushita Electric Industrial Co., Ltd.
Made in China
- Model name:** SPEED CONTROLLER MGSD B2
- Other markings:** C58401 and a QR code.

Description of model No.

M G S D B 2

1-4 | 5 | 6

Series | Input power supply

Output | 1. Single phase 100 – 120 VAC
2. Single phase 200 – 240 VAC

100V	A : 3 – 40W
	B : 60 – 90W
200V	B : 6 – 90W

Serial number (production No.)

The Ser. No. on the nameplate contains the following codes.

Example

Ser.No. * 06 11 0001 *

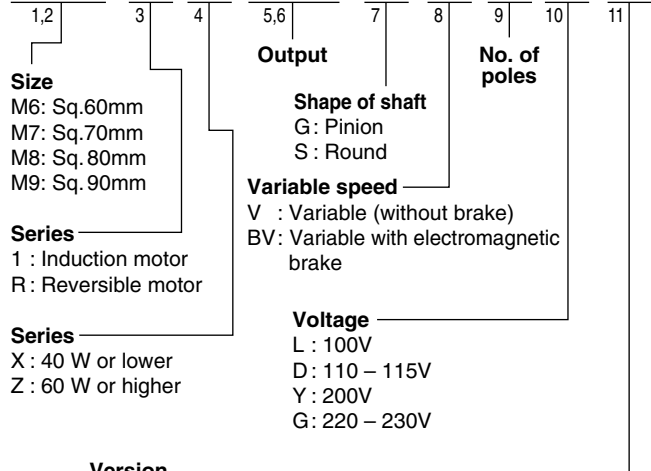
Manufacturing year | Manufacturing month | Sequential number

This product was manufactured in November 2006 and assigned a sequential number 0001.

1. Introduction

Motor Part Number

M 9 1 Z 9 0 G V 4 L G



Rating

Model No.	Output	Power supply	Compatible induction motor	Compatible reversible motor
				Compatible reversible motor with electromagnetic brake
MGSDA1	3–40W	AC100V to AC120V	M61X***V4**	M6RX***V4**
				M6RX**GBV4**
			M71X***V4**	M7RX***V4**
				M7RX**GBV4**
M81X***V4**	M8RX***V4**			
	M8RX**GBV4**			
M91X***V4**	M9RX***V4**			
	M9RX**GBV4**			
MGSDB1	60–90W		M91Z***V4**	M9RZ***V4**
MGSDB2	6–90W	AC200V to AC240V	M61X***V4**	M6RX***V4**
				M6RX**GBV4**
			M71X***V4**	M7RX***V4**
				M7RX**GBV4**
			M81X***V4**	M8RX***V4**
				M8RX**GBV4**
M91X***V4**	M9RX***V4**			
	M9RX**GBV4**			
M91Z***V4**	M9RZ***V4**			

English