

1. INTRODUCTION

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1.1 Rating plate

The following shows an example of rating plate for explanation of each item.

(1) HG-MR/HG-KR/HG-SR/HG-JR/HG-RR/HG-UR series servo motor

Model → HG-KR053

Input power, rated current, rated output → 3AC 55 V 0.9 A 50W

Mass, insulation class → 0.34 kg Cl.B, A(UL) CONT

Rated speed → 3000 r/min 0-250Hz

Induced voltage constant, maximum ambient temperature → 13 mV/min⁻¹ 40°C

Power factor, IP rating → P.F. 96% IP65

Serial number (Note 1) → SER.M00001234 15X

Country of origin, conforming standards → MADE IN JAPAN IEC60034-1
FABRIQUE AU JAPON IEC61800-3

Manufacturer → MITSUBISHI ELECTRIC CORPORATION
TOKYO 100-8310 JAPAN

(Note 2) → EAC, CE, UL, TUV, and safety symbols.

- Note 1. Production year and month of the servo motor are indicated in a serial number on the rating plate.
The year and month are indicated by the last two digits of the year and one digit of the month [1 to 9, X (10), Y (11), and Z (12)].
For January 2012, the Serial No. is like, "SER. _____ 121".
2. Products approved by Certification Bodies are marked. The marks depends on the Certification Bodies.

(2) HG-JR (1000, 1500, 2000 r/min) series servo motor

Model → HG-JR11K1M

Input power, rated current, rated output → 3AC 120 V 61 A 11kW CONT

Mass, insulation class, rated speed → 62 kg Cl.F 1500 r/min 0-100Hz

Induced voltage constant, maximum ambient, temperature, power factor, IP rating → 72 mV/min⁻¹ 40°C P.F.89% IP67

Serial number (Note 1) → SER.J17243001 171

(Note 2) → CE, EAC, UL, TUV, and safety symbols.

Country of origin → MADE IN JAPAN
FABRIQUE AU JAPAN

Manufacturer → MITSUBISHI ELECTRIC CORPORATION
TOKYO 100-8310 JAPAN

- Note 1. Production year and month of the servo motor are indicated in a serial number on the rating plate.
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