

Sales and Service

Change of UL Certification Conformity Mark for Mitsubishi Servo Motor

Thank you for your continued patronage of the Mitsubishi general-purpose AC servo and FA products. Based on the UL standard and CSA standard, so far we have been receiving the NRTL certification mainly from TÜV Rheinland in North America and Canada. We will also receive the certification from UL for the following AC servo motors from now on. Accordingly, we will change some parts in the specifications and the plate description as follows. We ask for your understanding in this matter.

1. Target Models

- AC servo motors
 - HG-KR/MR series
 - HF-KP/MP/KN series

2. Caution Points

The thermal class will be changed as follows.

- 105 (A) [UL]
- 130 (B) [CE, TÜV]

The servo motor is compliant with the UL/CSA standard when it is mounted on the aluminum flange of the same size as indicated in the following table.

The rated torque of the servo motor under the UL/CSA standard indicates the continuous permissible torque value that can be generated when it is mounted on the flange specified in this table and used in the environment of 0 °C to 40 °C ambient temperature. Therefore, to conform to the UL/CSA standard, mount the servo motor on the machine with a heat radiating effect equivalent to that of this flange.

The servo motor is compliant with the CE mark and TÜV mark when it is mounted on the aluminum flange of the same size as indicated in the conventional catalog.




















Flange size: width × height × thickness [mm]	HG-KR/MR HF-KP/MP/KN
500 × 500 × 20	053, 13, 23, 43
600 × 600 × 30	73

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3. Details of the Description Change

Descriptions of servo motor plate will be changed as follows.

- The NRTL certification mark by TÜV Rheinland will be changed to the UL Recognized Component Mark.
- The layout of rated data will be changed.
- Descriptions are described both in English and French.
- The corporate logo will be changed from "MITSUBISHI" to "MITSUBISHI ELECTRIC".
(HF-KP/MP/KN series only)

	Before change	After change
HG-KR HG-MR	 <p>MITSUBISHI ELECTRIC AC SERVO MOTOR HG-KR13</p> <p>INPUT 3AC 112V 0.8 A Cl.B OUTPUT 100W 0.57kg 3000 r/min (250 Hz) SER. M00001234 142</p>   <p>• BALIART • GEFÜHR • TYPE • APPROVED</p>   <p>MITSUBISHI ELECTRIC MADE IN JAPAN</p>	 <p>MITSUBISHI ELECTRIC AC SERVO MOTOR SERVO MOTEUR AC HG-KR13</p> <p>3AC 112V 0.8 A 100W 0.57kg Cl.B, A(UL) 3000 r/min (250Hz) SER. M00001234 144</p>   <p>• BALIART • GEFÜHR • TYPE • APPROVED</p>    <p>MITSUBISHI ELECTRIC MADE IN JAPAN / FABRIQUÉ AU JAPON</p> <p>UL Recognized Component Mark (within the square frame)</p> <p>Note. The actual plate has no square frame.</p>
HF-KP HF-MP HF-KN	 <p>MITSUBISHI ELECTRIC AC SERVO MOTOR HF-KP13</p> <p>INPUT 3AC 106V 0.8 A Cl.B OUTPUT 100W 0.56kg 3000 r/min (150Hz) SER. M0001234 144</p>   <p>• BALIART • GEFÜHR • TYPE • APPROVED</p>   <p>MITSUBISHI ELECTRIC MADE IN JAPAN</p>	   <p>MITSUBISHI ELECTRIC MADE IN JAPAN / FABRIQUÉ AU JAPON</p> <p>UL Recognized Component Mark (within the square frame)</p> <p>Note. The actual plate has no square frame.</p>

4. Schedule

This change will be made sequentially from the June 2014 production.

There may be cases when both new and old products exist in the distribution stage. We ask for your understanding in this matter.

The UL certification mark change does not affect the conformity to the UL standard and CSA standard. Both old and new servo motors comply with the UL standard and CSA standard. The above change does not affect the functions and performance of the servo motors.