



# Certificate of Compliance

**Certificate:** 70049278

**Master Contract:** 189724 (LR 112981)

**Project:** 80007059

**Date Issued:** 2019-07-31

**Issued to:** M.G.M. Motori Elettrici S.p.A.  
S.R. 435, km 31  
Serravalle Pistoiese, PT, 51030  
ITALY

**Attention:** Mr. Francesco Ghieri

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:** Alessandro Raspatelli

## **PRODUCTS**

4211-01-MOTORS AND GENERATORS

4211-81-MOTORS AND GENERATORS- Certified to US Standards

Component type motors , series SM,BM,BA,BAH,BS,SMS,SMX,BMX,BAX,BAHX, , 3 ph, 600V max, 50/60Hz , from 0.04 KW to 90 KW max., ambient temperature 40 °C, 2,4,6, 8, 12, 2/4, 4/8, 2/6, 2/8, 4/6, 4/12, 2/12, 4/16 poles, squirrel-cage induction motors, tefc, foot and/or flange mounted to enclosure with changeable position, Insulation Class F; frame sizes 56-63-71-80-90-100-112-132-160-180-200-225-250-280.

Note: Intended for use as a component part in other equipment where the acceptability is determined by the CSA Group.

Note: Motors could also be marked for intermittent duty service , S2 or S3, provided that the input rated current is less than or equal to the value indicated for the continuous duty service S1.

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

## **APPLICABLE REQUIREMENTS**

CSA 22.2 No.100-14

Motors and Generators

UL 1004-1(2<sup>nd</sup> edition)

Rotating Electrical Machines – General Requirements

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## MARKINGS


The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

## Nameplate adhesive label material approval information:

- Submitter's name and/or File number "189724" adjacent to the CSA marking
- The product may bear the following CSA marking 
- Model designation or equivalent;
- Date code or equivalent
- Complete electrical ratings:
  - rated voltage (V);
  - rated input current (A);
  - rated frequency (Hz);
  - number of phases (3-ph);
  - rated output in kW or hp
  - Speed (rated full load speed in revolutions per minute)
- The service factor if greater than unity;
- Appropriate letter code for the rated Insulation System;
- "TEFC" for a totally enclosed fan cooled motor;
- Time rating: "Continuous" or "CONT" for continuous duty motors;
- A motor rated for short time or intermittent duty shall be marked on the nameplate with the words "intermittent duty" or "int. duty" and with the time rating in minutes or hours, or a combination of minutes and hours. The rating may be for "On" time only or include specifications for both "On" and "Off" periods.

## WARNING

- Motors equipped with electrically powered condensation prevention heaters shall be marked with the rated heater voltage, number of phases, and the rated power in watts.
- Motors having lifting supports for lifting only a subassembly of the motor are clearly marked as follows or with equivalent wording:



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**“CAUTION: THIS LIFTING SUPPORT IS NOT TO BE USED TO LIFT THE ENTIRE MACHINE. ONLY THE COMPONENT ATTACHED DIRECTLY TO THIS SUPPORT MAY BE SAFELY LIFTED BY THE SUPPORT”;** and

**“ATTENTION : CE SUPPORT DE LEVAGE NE DOIT PAS ÊTRE UTILISÉ POUR SOULEVER LE POIDS TOTAL DE LA MACHINE. SEUL L'ÉLÉMENT QUI REPOSE DIRECTEMENT SUR LE SUPPORT PEUT ÊTRE SOULEVÉ EN TOUTE SÉCURITÉ.”**

- Direction of rotation is shown on the ventilator hood when separately energized or when this information is necessary for proper operation;
- The winding (e.g., series, shunt, or compound) when necessary for safe operation;

**FIELD-INSTALLED MOTORS ONLY (Applicable only for US, Std.UL1004-1(2<sup>nd</sup> ed.))-**

**Note: Motors with diameter of 7 inch or less can be provided with warnings on smallest package.**

- “CAUTION: USE SUPPLY WIRES SUITABLE FOR 75 °C/ATTENTION: EMPLOYER DES FILS D'ALIMENTATION POUR 75 °C”
- “ACCEPTABLE FOR FIELD WIRING”
- For field installed motors, an alternating-current motor rated 1/2 horsepower (373 W output) or more shall be marked with a code letter to indicate the locked-rotor amperes in accordance with the National Electrical Code®, NFPA 70.

**Installation instructions and additional information:**

The following additional information and instructions are provided with each motor:

- (a) a suitable wiring diagram or marked terminals or both, unless the proper connections are plainly evident;
- (b) grounding terminal/ point of grounding is marked with the grounding symbol.
- (c) installation instructions necessary to comply with the construction requirements for mounting, bearing lubrication, drainage, etc., including operation of the machine or devices supplied, such as heaters, winding thermostats, etc;



## Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### Product Certification History

Project	Date	Description
80007059	2019-07-31	Update to Report 70049278 to cover report corrections, addition of model SMS 80 B4 KW 0,75 - Intermittent duty - IP56 or lower protection degree, addition of custom RC filter Man.ACTRONIC series R101 according to CSA C22.2 No.100-14 and UL1004-1 2nd Edition.
70200721	2019-03-07	Update to report 70049278 to cover the addition of motor series from CSA report 1309537 and CSA report 1282269, addition of alternate materials and components, corrections to the report and review of the certification attachments, in accordance with CSA 22.2 No.100-14, UL1004-1(2 <sup>nd</sup> ed.).
70081823	2016-06-24	Update to report 70049278 for the addition of the Intermittent duty cycle S2 or S3, according to the requirements of CSA 22.2 No.100-14, UL1004-1(2 <sup>nd</sup> ed.)
70049278	2016-02-15	Original Certification of Component type motors , series SMX,BMX,BAX,BAHX, 3 ph, 600V max, 50/60Hz , from 0.75 KW to 90 KW max., ambient temperature 40 °C, 2/4/6 poles, squirrel-cage induction motors, tefc, foot and/or flange mounted to enclosure with changeable position, Insulation Class F; frame sizes 80-90-100-112-132-160-180-200-225-250-280.