



# Certificate of Compliance

**Certificate:** 1095178

**Master Contract:** 205390

**Project:** 70134748

**Date Issued:** 2017-09-21

**Issued to:** ELMO S.r.l.  
Viale Certosa 8/B  
27100 Pavia  
ITALY

**Attention:** Mr. Giovanni Crucitti

*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  
*Alessandro Raspatelli*

CLASS – 4211 01 – MOTORS AND GENERATORS

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

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

Submersible Hydraulic Pump motors, Part No. 2 and 5 Series, Class F, 70C max Ambient in oil , open , duty 30 min max, 2 and 4 pole.

3 ph., squirrel cage induction, 170 hp max, 600V max, 60 Hz, 50Hz, 50/60Hz

1 ph , permanent split capacitor, 10 hp max, 240 V max, 60 Hz, 50Hz, 50/60Hz.

Note : The above motor is accepted as a component for use in other CSA Certified equipment where the suitability of the combination is determined by the CSA International

Note : Models of series 62TS, 52TS, 22 TS can be provided also with duty 60 min. max, S2.

## APPLICABLE REQUIREMENTS

CAN/CSA – C22.2 No. 100-14  
UL 1004-1 (2<sup>nd</sup> ed.)

- Motors and Generators  
- Rotating Electrical Machines –



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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:**

Submittor's name or file number 205390 (adjacent to the CSA Monogram), Part No (P/N), complete electrical ratings in horsepower and/or kW, phase (ph), volts, amperes, frequency (Hz), class of insulation, ambient temperature, rated speed, duty 30 minutes max or duty 60 minutes max(Only for series 62TS, 52TS, 22 TS) and the CSA C/US Monogram appears on a metal plate held in place to end shield. Motor manufacturing date appears on the nameplate.



**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**

<b>Project</b>	<b>Date</b>	<b>Description</b>
70134748	2017-09-21	Update to report 1095178: To cover the new rated electrical ratings and editorial corrections, according to CSA 22.2 No.100-14, and UL 1004-1(2 <sup>nd</sup> ed.)
70090711	2016-09-16	Update to report 1095178: To cover the addition of new duty cycle 60 minutes ON time max. for models series 62TS, 52TS, 22 TS according to CSA 22.2 No.100-14, and UL 1004-1(2 <sup>nd</sup> ed.)
70013538	2014-12-01	Update to report 1095178: To cover the conversion of the Certification Mark from CSA to cCSAus, the addition of the UL recognized insulation system, Manufacturer ELANTAS DEATECH S.R.L, type 155-3, file E171185
2310748	May 18, 2010	Update to report 1095178: To cover the conversion of the Certification Mark from cCSAus to CSA ; The addition to the accepted Insulation System , Class 155 (F) of the alternative certified insulation components as Ground and Interwinding Insulation: Recognized Component (OBJS2); Core Tube or Bobbin (Mechanical support Only), UL r/c (UZIQ2), Sleeving: UL r/c (UZTF2 / UZTF8) and Varnish: UL r/c_(OBOR2). The addition of Wire connectors and Soldering Lugs, UL r/c for Canada. And Us (ZMVV2; ZMVV8), and the Update to the new standard edition CAN/CSA-C22.2 No. 100-04(r2009) – Motor and Generators
1095178	Sept 13, 2000	Original Certification