



TYPE APPROVAL CERTIFICATE
No. **ELE210321XG/001**

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Low Voltage Electric Motor
<i>Type</i>	LSAM47.3
<i>Applicant</i>	SAS Moteurs Leroy Somer - SAS Moteurs Leroy Somer Angouleme Bd Marcellin Leroy - CS 10015 16915 Angouleme FRANCE
<i>Manufacturer</i>	SAS Moteurs Leroy Somer - SAS Moteurs Leroy Somer
<i>Place of manufacture</i>	Angouleme Bd Marcellin Leroy - CS 10015 16915 Angouleme FRANCE
<i>Reference standards</i>	IEC 60034-1; RINA Rules Part C, Chapter 2, Section 4.

Issued in **Hamburg** on **January 3, 2022**. This Certificate is valid until **October 27, 2026**



RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

TYPE APPROVAL CERTIFICATE

No. ELE210321XG/001

Enclosure - Page 1 of 1

LSAM47.3

Product Description:

AC synchronous Low-Voltage Generator for marine and offshore applications.

Types of Product:

LSAM 47.3

Technical Data:

Rated output:	330 kVA up to 755 kVA
Synchronous speed:	1500 RPM to 1800 RPM
Rated Voltage:	at 50 Hz: 200V - 240V and 380V - 415V (440V) at 60 Hz: 208V - 240V and 380V - 480V at 50 Hz and 60 Hz: 690V
Rated frequency:	50 Hz, 60 Hz
Ambient temperature:	45°C
Insulation Class:	180 (H)
Type of enclosure:	IP23 and IP44 (optional)
No. of poles:	4

Documents:

Data Sheet: 4715i,RatingsMarine,en; 5941a,en; 5942a,en; T20H040 A;

Dimension Drawings: LSA473-3-023-A; LSA473-3-024-A; LSA473-3-025-A; LSA473-3-026-A; LSA473-3-027-A; LSA473-3-028-A; LSA473-3-029-A; LSA473-7-005-A; Isa473-8-001-A; Isa473-8-002-A; LSA473-8-003-B; Isa473-8-004-B; Isa473-8-005-A; Isa473-8-006-A; LSA473-8-007-B; Isa473-8-008-A; Isa473-8-009-A; Isa473-8-010-A; LSA473-8-011-B; Isa473-8-012-A; Isa473-8-013-A; Isa473-8-014-A; LSA473-8-015-B; Isa473-8-016-A; LSA473-8-017-B; LSA473-8-018-B; LSA473-8-019-B; LSA473-8-020-B;

Hamburg January 3, 2022

