



Certificate No:
TAE00004KA

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Electric Motor

with type designation(s)
MV625

Issued to

NOV-BLM S.A.S.
CARQUEFOU Cedex, France

is found to comply with

DNV rules for classification – Ships, offshore units, and high speed and light craft
DNV class programme DNV-CP-0393 – Type approval – Rotating electrical machines

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Degree of protection	IP56
Insulation class	H
Temp. class (°C)	180
Voltage (V)	690
Power (kW)	30-200
Frequency (Hz)	50
Speed (RPM)	750-3600

Issued at **Høvik** on **2022-10-06**

This Certificate is valid until **2027-10-05**.

DNV local station: **France CMC**

for **DNV**

Approval Engineer: **Marcin Tobiasz**

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Frederik Tore Elter
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

Revision: 2021-03

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Product description

3-phase induction motors with ratings as specified in page 1 of this type approval certificate.

Voltage [V]:	690
Power [kW]:	30-120
Number of Poles:	6
Frame material:	Cast iron
Duty type :	S2 45min
Ambient temperature :	50 °C
Ex rating :	N/A
Spec. Model :	For marine / offshore environments. On request optional with built-in units e.g. brakes.

Application/Limitation

This certificate is issued on the basis of DNV Class Programme DNV-CP-0393, Edition 2022-01.

Type Approval documentation

Tests carried out

Visual inspection, Temperature rise test at full load, IP rating, Overspeed, HV test (dielectric strength), Insulation resistance measurement, windings resistance measurement, No load test, Over torque test, Overspeed, Brake test, Noise and vibration without load.

Marking of product

Type designation – Motor number – IP class- ambient temperature – insulation class - technical data including rated frequency, rated voltage, rated power, RPM, motor power factor, duty type, heating, mass.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE