CREATOR OF BOAT SYSTEMS

DECLARATION OF CONFORMITY

Product	Description
ELINE060, ELINE080, ELINE110	E-LINE electric inboard propulsion motor

VETUS B.V. (manufacturer) hereby declares, under its sole responsibility, that the above products comply with the following relevant legislation:

EU legislation	Details
Directive 2014/30/EU (EMC)	Electromagnetic compatibility
Conformity assessment module(s)	A
Directive 2011/65/EU (RoHS) (as amended)	Restriction of the use of certain hazardous substances in electrical and electronic equipment
Conformity assessment module(s)	A
Directive (EU) 2016/1629 (ES-TRIN 2023/1) [1,2]	Technical requirements for inland waterway vessels

Used (harmonised) standard(s)

IEC 60533:2015 Electrical and electronic installations in ships - Electromagnetic compatibility, IEC 61000-4-2 Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test,
IEC 61000-4-3 Electromagnetic compatibility (EMC) - Part 4-3 : Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test,
IEC 61000-4-4 Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test,
IEC 61000-4-5 Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test,
IEC 61000-4-6 Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields

ES-TRIN 2023/1 - European Standard laying down Technical Requirements for Inland Navigation vessels as published by the European Committee for drawing up Standards in the field of Inland Navigation (CESNI).

Additional information

(1) Source: Netherlands Environmental and Transport Inspectorate, 04-12-2023: Under ES-TRIN, there is no requirement to certify a separate electric propulsion system.

(2) The E-LINE motor, if installed according to the applicable ES-TRIN requirements, meets the requirements of ES-TRIN for an electric propulsion system. If a classification society is involved in the assessment, it may impose additional requirements to ES-TRIN.

VETUS B.V.

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Signed for and on behalf of VETUS B.V.

Schiedam, December 9, 2024

J.A. Boonstra

Project Manager Regulatory Compliance, R&D Department