EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
RCDB00000D5

This is to certify:

That the Recreational Craft Propulsion Engine

with type designation(s)
V8P series

Manufacturer
BUKH A/S
Kruså, Syddanmark, **Denmark**

Has been assessed with respect to Directive 2013/53/EU of the European Parliament and of the Council according to conformity assessment procedure “Module B” described in Annex II of the Decision No 768/2008/EC of the European Parliament and of the Council, and found to comply with the applicable requirements.

Further details are given overleaf.

Issued at **Hamburg** on **2022-08-30**

DNV local station:
Hamburg Environmental Certification

Approval Engineer:
Claus Kurok

Notified Body
No.: **0098**

for **DNV SE**

Christoph Wähling
Head of Certification Body

The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or the applied standards may render this certificate invalid. The product liability rest with the manufacturer or his representative in accordance with Directive 2013/53/EU of the European Parliament and of the Council.

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.

Jurisdiction
DNV is appointed by the Central Authority of the German Federal States for Safety (ZLS) as a “Notified Body” in accordance with § 15(1) of the Product Safety Act (ProdSG) to carry out conformity assessment procedures on Recreational Crafts in the scope of ProdSG and Directive 2013/53/EU according to the administrative decision No. ZLS-Z1471-2020/3-1.

Certificate history
This is the original Certificate.

Product description
Parent Engine type : V8P 530
Parent Engine serial no. : Bukh SN 802002 / Base engine SN 2542360

Engine types covered by the Engine Family:

Engine Type / Model	Cylinder number and configuration	Rated Power [kW]	Rated Speed [rpm]
V8P 300	V8	221	3000
V8P 350		258	3000
V8P 400		297	3000
V8P 450		332	3000
V8P 500		368	3000
V8P 530		391	3000

Applications/Limitations
Engine category: Diesel propulsion engine (Compression ignition)

Technical documentation
- NPS V ID/Proj: 341.3-001006-1, Reg. Date: 2022-08-29

Applied Standards/Tests carried out
- Exhaust emission measurement of the Parent Engine in accordance with a harmonised standard in accordance with Directive 2013/53/EU.
  Applied test cycle: E3: Marine Diesel engines (propeller law).

- Verification of the relevant technical documentation submitted by the engine manufacturer.

Terms and conditions
The following conditions may render this certificate invalid:
- Changes in the design or construction of the product
- Changes or amendments to the Directive
- Changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the Directive

Marking of product
This Certificate is concerned with the design of the product, only. In order to fully meet with the requirements of the Directive and legally affix the CE mark, the manufacturer shall have the final product and/or production assessed according to one of the procedures listed below and finally draw up an EC declaration of conformity.

Conformity assessment procedures for production as described in Annex II of the Decision No 768/2008/EC of the European Parliament and of the Council:
- Conformity to type based on internal production control (Module C)
- Conformity to type based on internal production control plus supervised product testing (Module C1)
- Conformity to type based on quality assurance of the production process (Module D)
- Conformity to type based on product quality assurance (Module E)
- Conformity to type based on product verification (Module F)

Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.