Certificate No:
TAM00000004

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Diesel Engine

with type designation(s)
M26.3

Issued to
Societe Internationale des Moteurs Baudouin S.A.S.U.
CASSIS Cedex, France

is found to comply with
Det Norske Veritas' Rules for Classification of Ships

Application :

The approval is valid for propulsion and auxiliary duty.
The 8 and 12 M26.3 engines are approved for multi engine plants.

Rating **see page 2**

This Certificate is valid until **2019-11-23**.

Issued at **Høvik** on **2015-11-24**

for **DNV GL**

DNV GL local station: **Marseille**

Approval Engineer: **Dag Harald Williksen**

Oddvar Deinboll
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.

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Product description

Four stroke diesel engine with electronic controlled fuel injection.

Cylinder bore: 150 mm
Piston stroke: 150 mm
No. of cylinders: 6 in-line, 8 and 12 in-V

Application/Limitation

The approval is valid for propulsion, auxiliary and emergancy duty and is based on the following main data:

Propulsion:

Engine type	6 M26.3	8 M26.3	12 M26.3
Mean effective pressure, [bar]:	19,8	18,9	18,9
Max. cylinder pressure, [bar]:	164	165	165
Rated power, [kW]:	552	1104	1104
Corresponding to, [RPM]:	2100	2200	2200

Auxiliary/Emergency:

Engine type	6 M26.3		8 M26.3		12 M26.3	
Mean effective pressure, [bar]:	22,2	21	22,2	21	22,2	21
Max. cylinder pressure, [bar]:	163	162	163	162	163	162
Rated power, [kW]:	441	882	1002	501	882	1002
Corresponding to, [RPM]:	1500	1800	1500	1800	1500	1800

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Tests carried out

Type test carried out according to the Rules for propulsion duty on 2015-03-28, engine type 12M26C1500-22E300, serial no 2M26-003, report M26-XB-0562.
Type test carried out according to the Rules for auxiliary duty on 2015-03-28, engine type 12M26.3, serial no 2M26-003, report M26-XB-0563.

Marking of product

The product is to be marked with manufacturer's name or trademark and type number identification.

Periodical assessment

For retention of the Type Approval, a DNV surveyor shall perform a survey every second year and before the expiry date of this certificate to verify that the conditions of the type approval are complied with.

The objective of the Periodical Assessment is to verify that the conditions for the Type Approval are not altered since the
Type Approval Certificate was issued. The main scope of the Periodical Assessment will normally include:

- Verification of the Type Approval applicant's production and quality system w.r.t. ensuring continued consistent production of the Type Approved products at the Type Approval applicant's own premises and at other companies that are given the responsibility for manufacturing of the products.

- Review of the Type Approval documentation and that this is still used as basis for the production
- Review of possible changes to the design, the material and the performance of the product
- Verification of the product marking.

In cases where the Type Approved product is manufactured at other companies, the Periodical Assessment shall verify that the Type Approval applicant has a quality control system for consistent production at their licensees/subcontractors. Furthermore Periodical Assessment shall be carried out randomly at these companies.

Other conditions

Foundation arrangement to be submitted for each installation according to the Rules, Pt. 4 Ch.3 Sec.1 A500 – Documentation of arrangement.

Torsional vibration calculations to be submitted for each installation according to the Rules Pt.4, Ch.3, Sec.1, G - Vibration.

Signboards according to the Rules Pt.4, Ch.3, Sec.1, C 406

Flexible hoses with couplings to be type approved by DNV.

Engine safety, control and monitoring systems, including sensors and actuators are not covered by this type approval certificate. Documentation for engine safety, control including speed governing and monitoring systems shall be submitted for approval according to Pt.4 Ch.9 Sec.1 Table C2 and/or as listed in relevant type approval certificates.

Electric cables and cabling are not covered by this approval and must be verified to comply with the requirement of DNV Rules for Ships/ High, Speed Light Craft and Naval Surface Craft Pt.4 Ch.8 - Electrical Installation.

The approval does not include driven member.

END OF CERTIFICATE