DNV·GL

Certificate No:
MEDB00001VS

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Lifeboat/rescue boat propulsion engine

with type designation(s)
6LY440, 6LY400

Issued to
Yanmar Co., Ltd. Tsukaguchi Plant
Amagasaki Hyogo Pref, Japan

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559,**
Annex A.1, item No. A.1/1.36 and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation III/4 & X/3 and LSA Code

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-12-11**.

Issued at **Høvik** on **2016-12-12**

DNV GL local station:
Kobe

Approval Engineer:
Amir Dzaferi

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Job Id:
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Product description

In-line 6 cylinder, 4-stroke, vertical, water-cooled diesel engine.

Engine model	**6LY440**	**6LY400**
Cylinder bore (mm)	105.9	
Piston stroke (mm)	110	
Maximum rating (kW)	324	294
Engine speed (RPM)	3300	

Application/Limitation

The engine is approved for use as propulsion engine for life/rescue boats.

Type Examination documentation

Tests carried out

Test report: Evaluation and test report witnessed by DNV GL surveyor, dated 9.11.2016.

Tests according to:
LSA Code 4.4.6.2; MSC 81(70) 1/6.10.2 – 6.10.4
LSA Code 4.4.6.3; MSC 81(70) 1/6.10.5
LSA Code 4.4.6.4; MSC 81(70) 1/6.10.6
LSA Code 4.6.4.2; MSC 81(70) 1/6.14.6 – 6.14.8

Marking of product

The product is to be indelibly marked with name and address of manufacturer, type designation, and date of manufacture. In addition, the manufacturer shall affix the Mark of Conformity followed by the DNV GL Notified Body No. 0575 and the production year (4 digits).

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity  according to Directive 2014/90/EU on Marine Equipment and shall issue a Declaration of Conformity, only when the module of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity

END OF CERTIFICATE