

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00008WR

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

that the Rigid rescue boats

with type designation(s)
RB400

issued to

Hatecke GmbH
Drochtersen, Niedersachsen, Germany

is found to comply with the requirements in the following Regulations/Standards:

Regulation (EU) 2023/1667,

item No. MED/1.18. SOLAS 1974 as amended, Reg. III/4, III/21, III/31, III/34 & X/3, LSA Code, 2000 HSC Code 8 and IMO Res. MSC.481(102), IMO MSC.1/Circ.1631,IMO MSC/Circ.1006

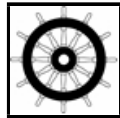
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-03-03**.

Issued at **Hamburg** on **2024-03-04**

DNV local unit:
Hamburg – CMC North/East

Approval Engineer:
Michael Oberländer



Notified Body
No.: **0098**



for **DNV SE**

Digitally Signed By:
Jowita Permoda
Location: **DNV Hamburg,**
Germany
on behalf of

Mydlak-Röder, Christine
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

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.



Product description

RB 400 is a rigid rescue boat equipped with a 4-point hoisting sling with a long link and propelled by a single outboard petrol engine.

Length overall, hull, max:	4.50 m
Depth hull:	0.70 m
Beam overall:	1.90 m
Weight of boat, fully equipped:	448 kg
Weight of boat, fully equipped and manned (82.5 kg/person), max:	943 kg

Lifting arrangement:	4-point sling arrangement with long link
Lifting arrangement max. SWL:	1.6 t

Material (for details see SPC-(F)RB400-0 Material specification GRP Rev.1, dated 2022-01-13)	
- Hull material:	FRP (fibreglass reinforced plastic)
- Buoyancy material:	Polyurethane rigid foam system

Propulsion system:	single outboard petrol engine
Engine manufacturer and type:	Yamaha 15F/11.0 kW (1) or Yamaha F25G/18.5 kW (2)

Bollard pull:	1.2 kN (1) / 1.6 kN (2)
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Application/Limitation

Number of persons, max:	6
Max. launching weight with 6 persons (as tested):	943 kg
Approved colour:	orange (RAL 2004)

The rescue boat equipment shall comply with LSA Code and IMO Res.MSC.81(70). A list of the equipment to be posted inside the boat.

The design assessment is based on IMO Res. MSC.48(66) as amended by IMO Res. MSC.207(81), IMO Res. MSC.218(82) and IMO Res. MSC.272(85) and IMO Res. MSC.320(89).

Production and installation testing shall be carried out according to IMO Res. MSC. 81.(70), part 2 as amended.

An operation and maintenance manual to be delivered together with each boat.

This EC Type Examination Cert. is based on previous MED-B 403006-00, issued by DGUV Test on 2019-02-18.

Type Examination documentation

Basis for approval: Design documentation as listed in "LIS-RB400-0-Drawing list DNV" Rev.1

Main drawings	Date
General Arrangement PRB4-01 Rev.5	2018-12-01
GRP-Plan PRG4-15 Rev.6	2020-10-06
Hoisting Arrangement PRB4-17 Rev.6	2016-06-15
Lines Plan RB400/L Rev.1	1990-05-14
Test reports	Date
PTC-RB400-2008-01	2008-08-27
PTC-RB400-2010-01	2010-08-18
PTC-RB400-2018-01	2018-05-22
Flame resistance & fire retardant test acc. to IMO MSC/Circ.1006, SINTEF, Trondheim, Norway 102010.80/10.086 Rev.1	2010-11-08
Other	
Manual for operation, maintenance and training MAN-RB400-0-Manual Rev.6	2023-01-30
Risk assessment for rescue boats REP-RB-Risk Rev.2	2020-11-10

Tests carried out

Tests are documented in accordance with recommendation on testing of Lifesaving Appliances, IMO Res. MSC.81(70) part 1, as amended by IMO Res. MSC.226(82), IMO Res. MSC.274(85), IMO Res. MSC.321(89) and IMO Res. MSC.323(89), and IMO MSC/Circ.1006.

Marking of product

The product is to be indelibly marked with name and address of manufacturer, boat model and serial number, month and year of manufacturer, number of persons approved for and operational restrictions, if any, according to LSA code item 4.4.1.2 and the mark of conformity (see page 1).