



EC-Type Examination (Module B) Certificate

Certificate- No.

405.027

Name and address of the manufacturer: Hatecke GmbH, Am Ruthenstrom 1, 21706 Drochtersen, Germany

Date of issue: **03.11.2014**

Annex A.1 Item No & Item designation: **A.1/1.20b – Fast Rescue Boats**

Product designation: Rigid fast rescue boat of glass fibre -reinforced polyester with inboard engine and water jet or Z-Drive.

Product Type: **FRB 20-700**

Intended purpose: Number of persons: 6 / 15

This boat may be used on all type of ships.


Testing based on (Specific standard):
1. IMO Resolution MSC.81(70) as amended incl. MSC.323(89)
2. IMO MSC / Circ.1006

Remarks: Compliance with SOLAS 74 as amended, Chap. III/26 and III/ 34, IMO Resolution MSC. 48(66) incl. MSC. 320(89), MSC/Circ.1016 and 1094. The type approval tests carried out 2012 and 2014 under the presence of surveyors of BG Verkehr.

The type tested was found to be in compliance with the Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC as amended by Directive 2012/32/EU subject to any conditions in the schedule (part of this certificate).

This certificate may only be used in connection with module(s) **D or F** of this directive.

Expiry date: **02.11.2019**


Signature (Brause)

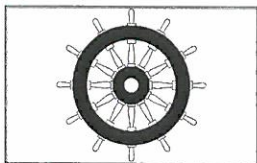


The approval of the installed equipment will be in force beyond the validity date until it is

Note 1: This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate.

Note 2: Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

Note 3: 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-control phase module (D, E, or F) of ANNEX B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.



xxxx/yy

Note 4: "Wheelmark" Format

YY Last two digits of year mark affixed.

XXXX Notified Body number undertaking surveillance module

Technical data/approved drawings and additional conditions and remarks:

Dimensions: L: 7,02 m B: 2,71 m H: 2,37 m

Type of engine: - Volvo D3-200i-G mit 149 kW / Bollard Pull: 7500 N
- Steyr MO236K42 mit 170 kW / Bollard Pull: 6500 N
- Steyr MO256K43 mit 184 kW / Bollard Pull: 6500 N

Weight of boat, fully equipped and manned: 3628 kg max.

Drawing-No.:	Rev.	Name	BG Verkehr	GL
GFRB20-700-004	2	General Arrangement Plan	30.09.2014	23.09.2014
PFRB7000c104	5	Hoisting Hook Arrangement	30.09.2014	23.09.2014
PFRB7000c102	1	GRP-Plan I	02.04.2012	21.03.2012
PFRB7000c103	1	GRP-Plan II	02.04.2012	21.03.2012
GFRB20-700-000-007-3		Seating Arrangement (15 PAX)	03.11.2014	-----
GFRB20-700-001	1	Generalplan	02.04.2012	21.03.2012

This type approval will be only valid in connection with a certified quality system according to module D of the directive 96/98/EC as amended.

Within the scope of this quality system a final test for each lifeboat according to Resolution MSC.81(70) part 2 have to be carried out .

On each new ship drills have to be carried out as function test under supervision of national authority or classification society.

An Operation and Maintenance Manual has to be delivered together with each lifeboat.
For the content and the range it is refer to the Guidelines from the IMO, MSC.1/Circ.1205, "Guidelines for Developing Operation and Maintenance Manuals for Lifeboat Systems".

End of document (2/2)