

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000082J

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 Winches for survival craft and rescue boats: (d) rescue boats

with type designation(s)
1722.4000, 1723.4001

Issued to

Industrias Ferri, S.A.
Gondomar, Pontevedra, Spain

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

Regulation (EU) 2022/1157,

item No. MED/1.41d. SOLAS 74 as amended, Regulation III/4, III/16, III/17, III/23, III/34, X/3, LSA Code and 2000 HSC Code

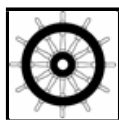
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-09-29**.

Issued at **Hamburg** on **2022-09-30**

DNV local station:
NB/CMC Team West

Approval Engineer:
Frank Poetsch



Notified Body
No.: **0098**

for DNV SE

Christine Mydlak-Roeder
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

Winches for survival craft and rescue boats: rescue boat winch type 1722.4000 and type 1723.4001

The main differences between them are:

- Hydraulic motor acts over the drum for wave compensation (1723.4001)
- For the wave compensation, a freewheel is assembled to the drum
- Grooved drum (1723.4001)

Application/Limitation

The rescue boat winch 1722.4000 is valid for the following main data:

- Max. working load 40 kN
- Layer, max.: 3 (25m rope)
- Hoisting speed: 22 / 18 m/min
- Rope ø: 16mm (non rotating, corrosion resistant steel wire rope)
- Drum ø: 305 mm, ungrooved
- Electric motor: 20 / 17 kW (60Hz / 50 Hz), Rpm: 1800 / 1500
- Manual hand operation provided – in this case: crank type

The rescue boat winch 1723.4001 is valid for the following main data:

- Wave compensation
- Max. working load 40 kN
- Layer, max.: 3 (25m rope)
- Hoisting speed: 22 / 18 m/min
- Rope ø: 16mm (non rotating, corrosion resistant steel wire rope)
- Drum ø: 293 mm, grooved drum, pitch 16
- Electric motor: 20 / 17 kW (60Hz / 50 Hz), Rpm: 1800 / 1500
- Manual hand operation provided – in this case: crank type

Type Examination documentation

Tests carried out

according IMO-Resolution MSC.81(70), amended MSC.323(89), Part 1, Regulation 8.1

- Test Report; Winch for Rescue Boat, 1722 TN 4000 & 1723 TN 4001; serial no 4069; dd 2022-08-22 (signed by DNV surveyor)
- DNV Product Certification & Conformity Assessment Checklist for winch 1722.4000 & 1723.4001F; only 1722.4000 tested; dd 2022-08-24

Marking of product

The winches are to be marked with manufacturer's name, type designation and MED Mark of Conformity (see page 1).

END OF CERTIFICATE