

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB000096N

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)
W10LR.FAM

issued to

Global Davit GmbH
Bassum, Niedersachsen, Germany

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

Regulation (EU) 2023/1667,

item No. MED/1.41d. SOLAS 74 as amended, Regulation III/4, III/16, III/17, III/23, III/34, X/3, LSA Code, 2000
HSC Code and IMO MSC.1/Circ.1632

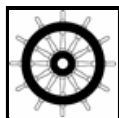
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-08-29**.

Issued at **Hamburg** on **2024-08-30**

DNV local unit:
Hamburg - CMC North/East

Approval Engineer:
Frank Poetsch



Notified Body
No.: **0098**

for **DNV SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

Winches for survival craft and rescue boats - rescue boats, winch types W10R.FAM

Designer

MDO – Maritime Design Office B.V.
Leusden Utrecht, The Netherlands

Application/Limitation

Design/application: for serving a davit system that handles a two-point suspended life craft in double reeving.
Safe working moment, max.: 10,8kNm
F wire: 29040N (2nd layer, two one-section drum)
F wire, total: 58080N
Rope-ø: 14 to 16mm (steel galvanized, max. 1960N/mm², rotation resistant)
Drum-ø: 298 to 406mm (ungrooved drum)
Drum length: 200 to 700mm
Layer, max.: 2
Safety windings: 3
Speed, hoisting: 10 to 43,3m/min
Speed during gravity, lowering: 80 – 120m/min
Differential unit: Brevini EM-1020MN, available ratios: 3,0-3,5-4,13-5,17-6,0-7,25
Stop brake: Knott 250x55 HD, 1150Nm
Double or triple centrifugal brake: 300mm, 250Nm/set
Electro magnetic brake, optional: Stromag 4RSB25, 280Nm
E-motor: IEC size 132 to 200, IP56 executed with heater
Design Temp.: -20°C

Type Examination documentation

Tests carried out

According to IMO Resolution MSC.81(70), amended up to MSC.323(89), Part 1, Regulation 8.1.
- Type Test Report No.: 1281B01 for W10LR.FAM3 dd 2017-08-15

Marking of product

The winches are to be marked with manufacturer name, type designation, MED Mark of Conformity (see page 1) and USCG approval number, if applicable.

END OF CERTIFICATE