

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000080F

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 AS under the authority of the Government of Norway.

This is to certify:

That the Winches for survival craft and rescue boats: (a) davit launched lifeboats / Winches for survival craft and rescue boats: (d) rescue boats

with type designation(s)
A-470-3-V-S-DB

Issued to
Vestdavit AS
LAKSEVÅG, Norway

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

Regulation (EU) 2022/1157,

item No. MED/1.41a. SOLAS 74 as amended, Regulation III/4, III/16, III/23, III/24, III/34, X/3, LSA Code and 2000 HSC Code

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

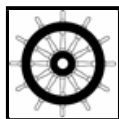
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2028-06-01**.

Issued at **Høvik** on **2023-06-02**

DNV local unit:
Gdansk CMC

Approval Engineer:
Mats Asvald Innstø



Notified Body
No.: **0575**

for **DNV AS**

Sverre Olav Bergli
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 AS 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 lifeboat and rescue boat, with

- Maximum Working Load, MWL = 9000 kg (3 layers)
- Maximum Hoisting Load, MHL = 9000 kg
- Wire Rope Diameter = 25 mm

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with maker's product certificates (3.1).
- The various components transferring the load like wires, shackles, hooks, etc. are to comply with international standard or code and are to be delivered with manufacturer's certificate, confirming a safety factor minimum 6 compared to the sustained load.
- Falls to be used with the launching appliance shall be of rotation-resistant and corrosion-resistant steel wire rope.
- Installation, on-board testing (MSC.81(70) part.2), support to the deck structure, and connection to power supply are not included in this examination and shall be accepted by attending surveyor in each case.

Type Examination documentation

<u>Drawing No.</u>	<u>Rev.</u>	<u>Title(s)</u>
VD102708	1	Endcover for KMB1250
VD117245	4	Hydraulic diagram
VD118103	1	Winch A-470-3-V-S-DB
VD118104	1	End Winch Foundation Assy
VD118105	1	PL 15 x 300 x 300
VD118106	1	End winch foundation
VD118107	1	Grooved winch drum
VD118108	1	Grooved winch drum
VD118109	1	Winch foundation
VD11811	1	Welded Roller Press Drum
VD11811	1	Drum Roller Arm
VD11811	1	Round Bar $\varnothing 30$ L=252
VD118118	1	Round Bar $\varnothing 100$ L=175
VD118119	1	Round Bar $\varnothing 100$ L=48
VD11812	1	Round Bar $\varnothing 60$
VD118124	1	Hot rolled round steel bars
VD118126	1	Shaft for KMB1250
VD-TM-92136	Z0	Technical Manual

Tests carried out

Prototype tested in accordance with IMO Resolution MSC.81(70) Part 1.

<u>Description</u>	<u>Date(s)</u>	<u>Witnessed by</u>
Initial PTT	2022-05-05	DNV Gdynia, Poland

Marking of product

Marking shall be implemented in accordance with the LSA Code, item 1.2.2.9 and the Directive:

- Type designation, manufacturer name and serial number



Job Id: **344.1-012129-1**
Certificate No: **MEDB000080F**

- Maximum Working Load, MWL

END OF CERTIFICATE