

TYPE EXAMINATION CERTIFICATE – EC MODULE B

Certificate no.:
MEDB00009AU

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: (a) davit launched lifeboats

with type designation(s)
PR 2200

issued to

SERVOSHIP, S.L.
Zaragoza, Spain

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

Regulation (EU) 2024/1975,

item No. MED/1.41a. SOLAS 74 as amended, Regulation III/4, III/16, III/23, III/24, 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 **2030-03-18**.

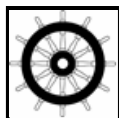
Issued at **Hamburg** on **2025-03-19**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 USD 300 000.

Product description

Winches for survival craft and rescue boats: (a) lifeboats, winch type PR 2200

Application/Limitation

Maximum working load	21,58	
Minimum working load	3,50kN	
Maximum manual recovery load	21,58kN	
Power of electric motor	12kW	9kW
Maximum hoisting load	21,58kN	15,70kN
Hoisting speed, min.	0,3m/s	0,3m/s
Wire rope-ø	14mm	12mm
Minimum breaking strength	130kN, (steel, galvanized, max. 1960N/mm ² , rotation resistant)	
Safety windings	3	3
Layer, max.	2	3
Drum-ø	244,5mm	
Ambient temperature	-10°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
Evaluation and Test Report (MSC/Circ.980/Add.2) Winch 2200; Serial No. 412-G, dated 2019-09-09, witnessed by surveyor

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