

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL 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: (c) liferafts

with type designation(s)
W08EM.FAM

Issued to

Global Davit GmbH
Bassum, Niedersachsen, Germany

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

Regulation **(EU) 2018/773**,
item No. MED/1.41c. SOLAS 74 as amended, Regulation III/4, III/16, III/17, III/23, III/24, III/34, X/3, LSA Code and 2000 HSC Code

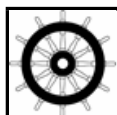
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-11-28**.

Issued at **Hamburg** on **2018-11-29**

DNV GL local station:
Bremerhaven

Approval Engineer:
Frank Poetsch



Notified Body
No.: **0098**

for **DNV GL SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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



Product description

Winches for liferaft, winch types W08EM.FAM

Designer

Maritime Design Office bv, 3833 LD Leusden, The Netherlands

Application/Limitation

The W08EM.FAM includes liferaft winches allowing an output torque of maximum 7,6 kNm (alternatively 8,3 kNm). The winches are manually driven but may be equipped with a motor for recovery of a fully manned liferaft (Means Of Rescue) or of the empty hook only. The gravity lowering speed is between 40 and 60 m/min. The single drum has a length of 260 mm. The design temperature is min. -20°C. The family is shown on the drawing 7-0228

Type Examination documentation

Is based in the following drawings, verified with GL Job ID's:
12-042558 (d.d. 2012-04-24) and 14-022176 (d.d. 2014-05-19)

Drawing No./Rev.	Drawing title
3-4760 - 0	Ass'y W08M.41 (hoisting manually only)
3-4759 - 0	Ass'y W08M.40 (hoisting manually only)
3-4758 - 0	Ass'y W08E.41 (hoisting fully manned raft)
3-4757 - A	Ass'y W08E.40 (hoisting fully manned raft)
3-5744 - 0	Ass'y W08E.46 (hoisting fully manned raft)
3-4895 - 0	Ass'y W08E.43 (hoisting empty raft)
3-4894 - 0	Ass'y W08E.42 (hoisting empty raft)
2-2977 - A	Arrangement drum W08
2-2799 - E	Arrangement drum W08/QR
1-3335 - G	Drum 323,9*260
2-2797 - E	Drum 323,9*260/QR
1-4207 - A	Section gearbox 7,6 kNm
1-5057 - 0	Section gearbox 8,3 kNm
1-4208 - C	Gearbox winch W08
3-3709 - D	Shaft for drum 08kNm
2-2800 - C	Toothwheel z=45/8/96/0
2-4450 - 0	Hub for toothwheel
3-5752 - 0	Toothwheel z=45/8/96/0
3-1610 - 0	Pinion z=12/8/105/0,5
4-3091 - A	Toothwheel z=41/6/55/0
3-1616 - C	Pinion z=13/6/61/0,5
4-1669 - C	Toothwheel z=49/4/55/0
3-1618 - B	Shaft for brake z=12/4/67/0,5
4-1656 - A	Toothwheel z=35/5/25/0
3-2362 - A	Pinion for motor
2-3631 - C	Section brake 200*50

Tests carried out

According IMO Resolution MSC.81(70), amended up to MSC.323(89), Part 1, Regulation 8.1.
Type Test Report No.: 0949A01 d.d. 2012-06-20 and 1060A01 d.d. 2014-05022



Job Id: **344.1-008740-1**
Certificate No: **MEDB00004R3**

Marking of product

Manufacturer's name or trade mark and type designation.

END OF CERTIFICATE