

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: (e) fast rescue boats

with type designation(s)
W14HC.01.01

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/1.41e. 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

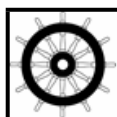
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-10-21**.

Issued at **Hamburg** on **2018-10-22**

DNV GL local station:
Bremerhaven

Approval Engineer:
Frank Poetsch



Notified Body
No.: **0098**

for **DNV GL SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

Winch for survival craft and rescue boats – fast rescue boats, winch type W14HC.01

Designer

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

Application/Limitation

Safe Working Moment	13,45 kNm
Rope speed @ hoisting	> 48m/min
Gravity lowering speed	40-60 m/min
Drum length	250 mm
Design temperature	-20° C

Type Examination documentation

is based on the following drawings and verified with DNVGL Job ID M-SA-LS-D37565-1, dd 2018-05-04

DWG no.	Rev.	Title
3-6760	-	Assembly winch W14HC.01
AB7771-RH	-	Arrangement grooved drum 14kNm/HC, Drum 360x230/wire rope 22
AB7770-RH	-	Grooved drum 360x230, wire rope 22
1-5983	-	Section gearbox W14HC with brevini brake i=3,9/3,5/3,5/10,41
1-5980	-	Gearbox W14HC
4-5279	-	Intermediate shaft B58x53 – B50x45 / L=90
3-6330	-	Toothwheel Z=81/5/40/0
2-5544	-	Toothwheel Z=51/5/45/0
2-5547	-	Shaft for centrifugal brake, Winch 14HC
3-6333	-	Torque shaft L=87
1-5989	-	Section brake 200x50, Winch W14HC
8-0752	-	Kinetic diagram W14HC

Tests carried out

According IMO Resolution MSC.81(70), amended up to MSC.323(89), Part1, Regulation 8.1
Type test report, fast rescue boat winch W14HC.01 (tested serial no. 1305A01), witnessed dd 2018-10-01, station Bremerhaven; Workshop Test for Rescue boat davit with wave compensation – davit Rhp.HC.50/3,9 and boat winch W14HC.01.01 – rope 22mm / L= 30m / type Classic, GD order no 1305A01, system intended for Fassmer HN 7040, witnessed 2018-10-01 station Bremerhaven

Marking of product

Manufacturer's name or trade mark and type designation.

END OF CERTIFICATE