

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 Launching appliances using fall (davits)

with type designation(s)
Gxp.FLh.180

Issued to

Hatecke GmbH
Drochtersen Niedersachsen, Germany

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306**,
item No. MED/1.21. SOLAS 74 as amended, Regulation III/4, III/23, III/33, III/34 & X/3,
LSA Code and 2000 HSC Code 8

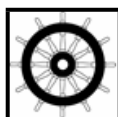
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-03-22**.

Issued at **Hamburg** on **2018-03-23**

DNV GL local station:
Hamburg

Approval Engineer:
Stefan Heuer



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

Life-/ Rescue boat davit system Gxp.FLh.180

- SWL 18t (180kN) – (launching weight 9t per davit arm)
- Max. hoisting load: 7t (70kN) – (3,55t per davit arm)
- LWL: 4t (40kN) – (lightest boat weight 2t per davit arm)
- Max. load on bousing system: 7t (70kN) – (3,5t per davit arm)
- Max. outreach: 3,8m

The following executions are covered by this certificate:

- Glp.FLh.180 (gravity system with embarkation in the lowering position)
- Gsp.FLh.180 (gravity system with embarkation in the stowed position)

Reduced SWL is also covered by this certificate. Type description for e.g. SWL 16t (160 kN):

Glp.FLh.160 respectively Gsp.FLh.160

Application/Limitation

- Design temperature: -20°C

Type Examination documentation

Tests carried out

According IMO-Resolution MSC.81(70) as amended, Part 1, Regulation 8.1:

Type Test Report PTC-Gsp.FLh.180-0 witnessed by DNVGL dated 2017-04-13

Type Test Report PTC-Gsp.FLh.180-1 witnessed by DNVGL dated 2017-12-21



Job Id: **344.1-007753-1**
Certificate No: **MEDB00003MU**

Marking of product

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

- Safe working load, SWL
- Type designation and serial number

The mark of conformity shall include DNVGL SE Notified Body number (0098) and the production year.

END OF CERTIFICATE