



Certificate No:
TAS00003FD

TYPE APPROVAL CERTIFICATE

This is to certify:

That the **MOB / Tender boat winch**

with type designation(s)
STL0127, STL0128

Issued to

Hydromar Marine Equipment B.V.
Leeuwarden, Friesland, Netherlands

is found to comply with

Red Ensign Group Yacht Code – Part A, January 2019 Edition
DNV standard DNV-ST-0377 – Standard for shipboard lifting appliances

Application :

Product(s) approved by this certificate is/are accepted for DNV product certification and installation on all vessels classed by DNV.

Issued at **Hamburg** on **2023-02-15**

This Certificate is valid until **2028-02-14**.

DNV local station: **Netherlands VMC**

for **DNV**

Approval Engineer: **Frank Poetsch**

.....
Jörg Kallies
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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.



Form code: TA 251

Revision: 2021-03

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Product description

Winches for MOB cranes and tender boat cranes, types STL0127 and STL0128

Application/Limitation

The winches STL0127 (2900kg SWL) and STL0128(2500kg SWL) are intended for MOB cranes and tender boat cranes. The only difference is the motor (80 and 100cc) to achieve the higher SWL.
Winch type STL0127 / STL0128 acc. REG-LYC Pt. A (design) and DNV-ST-0377 Standard for shipboard lifting appliances (materials, weldings and workmanship). Winches for tender cranes and MOB cranes for yachts > and < 500GT.

Basically three crane specifications / operational circumstances are available:

1. Tender cranes purely for cargo use, without any people inside the tender during launching and recovery.
2. Tender cranes which allow 2 trained crew members in the tender during launching and recovery operations.
3. MOB cranes which allow specified number of people in the tender during rescue launching and recovery operations.
4. Crane operations with the combination of 1 and 3 and combinations of 2 and 3 are possible

Winch type STL0127:

SWL: 2900kg
Hoisting speed: 18 m/min
Falls: 1
Wire rope-ø: 10 - 14mm (SF against MBL x6)
(type of rope: non rotating rope, max. grade 1960)
Layer, max: 3
Safety windings, min.: 3
Power unit: hydr. Motor 13,4 kW, displacement 100 cc

Winch type STL0128:

SWL: 2500kg
Hoisting speed: 18 m/min
Falls: 1
Wire rope-ø: 10 - 14mm (SF against MBL x6)
(type of rope: non rotating rope, max. grade 1960)
Layer, max: 3
Safety windings, min.: 3
Power unit: hydr. Motor 11,8 kW, displacement 80 cc

Power supply: emergency source of power or manual power (hand pump).

The hydraulic system shall be air vented before initial use and after each maintenance. The air venting procedure shall be conducted in accordance with the maker's/shipyard's instructions.

For DNV certification – each crane winch is to be tested in analogy to MSC.81(70) Pt2

Type Approval documentation

Tests carried out

- FAT; Factory Acceptance Test, STL0128, date 23-05-2022, A1192649, DNV: witnessed 2022-05-23
- FAT; Factory Acceptance Test, STL0127, date 08-12-2022, A1192649, DNV: witnessed 2022-12-08

Marking of product

The system is to be marked with the name of manufacturer and type designation.

Periodical assessment

DNV's Surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and after two years (+/- 90 days) and after 3.5 years (+/- 90 days). The arrangement is to be in accordance with procedure described in the Class Programme DNV-CP-0338, Section 4.

END OF CERTIFICATE