

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Lifting Gear

with type designation(s)

Insert for Lifting Adapter for Compact Module Running Tool - SK-066405-97 (SWL = 3.5 tonnes)

Issued to

OneSubsea GmbH
Celle, Niedersachsen, Germany

is found to comply with

DNV standard DNV-ST-0378 – Offshore and platform lifting appliances

Application :

Insert for Lifting Adapter for Compact Module Running Tool SWL = 3.5 tonnes

Issued at **Høvik** on **2023-06-28**

This Certificate is valid until **2028-06-27**.

for **DNV**

DNV local unit: **Hamburg – CMC North/East**

Approval Engineer: **Lap Van Duong**

Per Esvall
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.



Product description

Lift Adapter Insert X-077297-34, used as part of assembly Lifting Adapter for Running Tool SK066405-97.

Safe working load (SWL): 3.5 tonnes

Design Dynamic Factor (DAF): 1.7

Categorization: Loose gear for offshore & subsea crane

Minimum Design Temperature: -20°C

Vertical lift with a maximal out of plane load of 5°

Manufactured by:

OneSubsea GmbH
Lückenweg 1
D-29227 Celle
Germany

Hohenhausen GmbH
Willinger Weg 20
D-29614 Soltau
Germany

Application/Limitation

1. Material for the Insert for Lift Adapter: 316L or 316 TI.
2. All materials are to be delivered with 3.1 certificates.
3. Non-destructive testing is to be in accordance with DNV-ST-0378 Sec. 3.
4. The manufacturer is required to have a DNV surveyor to witness all important production and tests as required.

Type Approval documentation

Tests carried out

To obtain a CG3 certificate, each lift adapter shall be tested according to the DNV-ST-0378 Table 14-2

Marking of product

Each lift adapter is to be marked according to DNV-ST-0378 Sec.14.5.

Periodical assessment

For retention of the Type Approval, a DNV Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the approval are complied with. Reference is made to DNV-CP-0338.