



Certificate no.:
TAS00004Z0

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Chain, shackles, swivels, sockets

with type designation(s)

ACP-OCEANSTAR 0,5t M8-10.9, ACP-OCEANSTAR 0,8t M10-10.9, ACP-OCEANSTAR 1t M12-10.9, ACP-OCEANSTAR 2t M16-10.9, ACP-OCEANSTAR 3,5t M20-10.9, ACP-OCEANSTAR 5t M24-10.9, ACP-OCEANSTAR 8t M30-10.9

issued to

RUD Ketten Rieger & Dietz GmbH u. Co. KG
Aalen, Germany

is found to comply with

DNV standard DNV-ST-0377 – Standard for shipboard lifting appliances

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

Application:

Product(s) approved by this certificate is/are accepted for DNV product certification.

Issued at **Hamburg** on **2025-12-10**

This Certificate is valid until **2030-12-09**.

for **DNV**

DNV local unit: **Augsburg**

Approval Engineer: **Stefan Heuer**

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

Screwable forged lifting points type ACP-OCEANSTAR

Picture	SWL / WLL* (thread size)	Service temperature	SF
	0.5t (M8)	-20°C up to 55°C	4:1
	0.8t (M10)		
	1t (M12)		
	2t (M16)		
	3.5t (M20)		
	5t (M24)		
	8t (M30)		

*) SWL = Safe Working Load / WLL = Work Load Limit

Application/Limitation

- Design temperature: -20°C (max. operating temperature acc. to manufacturer instruction)
- SWL (WLL): acc. to table for all load directions (see also manufacturer instructions)
- All raw materials are to be delivered with 3.1 material certificates acc. to ISO 10474 / EN 10204: KV min. 27J at -20°C
- The equipment is to be protected permanently against corrosion, to be checked in regular intervals and renewed if become necessary according to manufacturer's instructions.
- Connections of the lifting points to the constructions are not part of this Type Approval. The connections and its local strength incl. "mother-thread" are responsibility of the user and shall be approved in each individual case. Screw tightening and unloosing instructions of the OEM are to be observed.
- It is the responsibility of the Holder of the Certificate to ensure that both design and production are following Rules, Standards and/or Regulations listed on page 1 of the Type Approval Certificate.

Considering above application/limitations, the lifting points are approved for use at industrial-, harbour-, subsea*, sheltered water- and offshore lifting operations.

*) Subsea is not considered as permanent installation, but a controlled lifting operation within a short time.

To obtain a DNV Product Certificate, DNV must approve the use of the lifting point and its connection for the intended application. Each lifting point shall be load tested in presence of DNV according to Table 7-4 (ST-0377) / Table 14-2 (ST-0378).

Type Approval documentation

Tests carried out

Prototype tests by RUD:

20240522-ACP-M8-10.9 dated 2025-06-25
20240522-ACP-M10-10.9 dated 2025-06-25
20240522-ACP-M12-10.9 dated 2025-06-25
20240522-ACP-M16-10.9 dated 2025-06-25
20240522-ACP-M20-10.9 dated 2025-06-25
20240522-ACP-M24-10.9 dated 2025-06-25
20190123-ACP-M30 dated 2019-02-15

Prototype test report witnessed by DNV dated 2025-08-28

Marking of product

Each lifting point shall be marked with at least:

- manufacturer's name or trademark
- nominal load(s) "SWL" / "WLL" in t

Serial number/ batch code, year of construction and reference to this type approval shall be traceable via 3.1 manufacturer certificate.

Periodical assessment



Job ID: **262.1-044286-1**
Certificate no.: **TAS00004Z0**

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in <https://approvalfinder.dnv.com>

END OF CERTIFICATE