

APPROVAL OF PRODUCT CERTIFICATE (PRODUKTSERTIFISERINGSBEVIS)

Certificate No:
121.01
Revision No:
3

That the construction parts for mooring

With type designation(s)

G-4863 - Green Pin® Mooring Bow Shackle NS9415 BN

G-4163BG - Green Pin® Bow Shackle NS9415 BN

G-4139 - Green Pin® Dee Shackle NS9415 FP

Issued to

Van Beest B.V.

Industrieweg 6, 3361 HJ Sliedrecht

Is found to comply with
NYTEK23 regulation

Product(s)

G-4863 - Green Pin® Mooring Bow Shackle NS9415 BN

G-4163BG - Green Pin® Bow Shackle NS9415 BN

G-4139 - Green Pin® Dee Shackle NS9415 FP

Dimensions
MBL

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See page 2

Manufacturer(s) / Supplier(s) approved by this certificate is/are accepted to deliver in accordance with NYTEK23 and NS 9415:2021. It is the supplier's responsibility to comply with requirements of relevant product standard for the component.

Product certification scheme: **Type 5**

Reliability class: **2**

Issued at **Bergen** on **2023-03-20**

This Certificate is valid until **2029-03-31**

Performed by:



Pål Alexander Fossan
Project Manager Aquaculture



Controlled by:



Olve Vangdal
Project Manager

DNV - Business Assurance is accredited by Norwegian Accreditation as certification body PROD 013 for products regarding the NS 9415:2021, the NYTEK23 regulation and guidelines for product certification according to requirements in NS-EN ISO/IEC 17065.

Particulars of the approval

Scope of certification for construction parts to mooring lines: Shackle

Product name	Product code	Dim. [mm]	MBL [t]	Product standard	Approval date
Green Pin® Dee Shackle NS9415 FP	G-4139	13.5 16 19 22 25	14 22.75 33.25 45.5 59.5	NS 9415:2021	2023-03-20
Green Pin® Bow Shackle NS9415 BN	G-4163BG	13.5 16 19 22 25 28 32 35 38 45	12 19.5 28.5 39 51 57 72 81 102 150	NS 9415:2021	2023-03-20
Green Pin Mooring Bow Shackle NS9415 BN	G-4863	19 22 28 32 42 45	30 40 60 90 110 150	NS 9415:2021	2023-03-20

Application / Limitation

- A Product Certificate and User Manual shall be issued to the customer together with the construction part.
- All construction parts and all documentation shall be traceable.

Periodical assessment

The scope of the Periodical Assessment is to verify that the conditions stipulated for this Approval of Product Certificate is complied with and that no alterations are made to the product design or choice of materials.

Periodical assessments shall be performed at least every 2 years according to NYTEK23.

END OF CERTIFICATE