Certificate No: LR2403157TA
Issue Date: 11/01/2024
Expiry Date: 10/01/2029

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**J.F. van Driel en Zn. B.V.**
Address	Gersteweg 27-29, Nieuw-Vennep, 2153 GH, Netherlands
Place of Production	Dost & Van Beugen B.V. Ampèrestraat 1a, Ijmuiden, 1976 BE, Netherlands
Type	Lifting Accessories
Description	Lifting hook
Trade Name	VDR6000 Snaphook
Application	1. Launch and recovery appliances for manned small watercraft in a marine application (yachts only) 2. Cargo lifting operations in a marine application (yachts only)
Specified Standard	1. Lloyd's Register's Code for Lifting Appliances in a Marine Environment, Edition July 2022, Ch4, Sect 7 and Ch8, Sect 3.5 (as applicable) 2. Lloyd's Register's Code for Lifting Appliances in a Marine Environment, Edition July 2022, Ch4, Sect 2 and Ch8, Sect 3.5 (as applicable)

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Vincent Nolting
Ship Structure - Lifting Appliances Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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Ratings

1. Launch and recovery appliances for manned small watercraft

Safe working load (kg)	6000kg
Max. duty factor	1.05
Max. hoisting factor	1.30 ($H_{1/3} \leq 0{,}6m$)
Max. risk coefficient	1.5
Max. lifting height	7.2m from keel to waterline
Safety factor against UTS	7.5
MBL	45 tonne

2. Cargo lifting operations

Safe working load (kg)	9000kg
Max. duty factor	1.05
Max. hoisting factor	1.20
Safety factor against UTS	5
MBL	45 tonne

Other Conditions

Minimum design temperature	-10°C
Lowest temperature of operation	-20°C (suitable for worldwide service)
Test load	18 tonne

For use in harbour or sheltered water environment

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR2403157TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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