



Certificate No:
TAE000049B

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Cable Cleats

with type designation(s)
RBC-DW-19

Issued to

Dong-A Bestech Co., Ltd.
Bucheon-si, Gyeonggi-do, Republic of Korea

is found to comply with

DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

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

Material **Stainless steel 316/316L**

Suitable for open deck **Yes**

Issued at **Busan** on **2021-04-06**

This Certificate is valid until **2026-04-05**.

for **DNV**

DNV local station: **Seoul**

Approval Engineer: **Eun Sook Kim**

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Andreas Kristoffersen
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

Type: RBC-DW-19, Metallic, double loop type cable cleat/band hoop

Material :	Body: Stainless steel 316/316L
	Coating: Nylon
Maximum temperature:	150 °C
Minimum temperature:	-40 °C
Type of retention:	Lateral and axial
Resistance to impact:	Very heavy
Resistance to electromechanical forces:	Withstanding one short circuit
Resistance to UV:	Withstanding UV
Resistance to corrosion:	High
Band width:	18 mm
Band length:	600 ~ 2100 mm
Maximum and minimum cable diameter	128 / 17 mm

Application/Limitation

Tests have been carried out under the following declared conditions:

Declared lateral load:	10000 N
Declared axial load:	400 N
	Withstanding one short circuit
Peak short-circuit current:	177 kA
Initial r.m.s sym. short-circuit current:	68 kA
Duration of short-circuit:	0.1 sec
Frequency:	60 Hz
Cable outside diameter:	40 mm
Spacing:	150 mm

Type Approval documentation

Tests carried out

IEC 61914:2015

Marking of product

Manufacturer's name, logo or trademark and product identification

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine tests (RT) and selected type tests (ref. to applicable class programs) checked (if not available these tests shall be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE