

# TYPE APPROVAL CERTIFICATE

**This is to certify:****That the Flexible Mounts for Propulsion or Auxiliary Machinery**

with type designation(s)

**AVR-Series, CV-Series, RC 2000 SI / RC 2000-GS, T-Series, V-Series, VD-Series, VDM-Series**

Issued to

**Vulkan Kupplungs- und Getriebebau Bernhard Hackforth  
GmbH & Co. KG  
Herne Nordrhein-Westfalen, Germany**

is found to comply with

**Det Norske Veritas' Rules for Classification of Ships/High Speed and Light Craft****Application :****The mounts are approved for resilient mounting of diesel engines and auxiliary machinery.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**This Certificate is valid until **2017-12-31**.Issued at **Høvik** on **2016-10-25**DNV GL local station: **Essen CMC Western Germany**for **DNV GL**Approval Engineer: **Jørgen Jensen Tande**

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**Oddvar Deinboll**  
**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.

Job Id:  
Certificate No: **TAM00000CD**

## **Product description**

Resilient Mounts

## **Application/Limitation**

The mounts are approved for mounting of diesel engines and auxiliary machinery with limitations as given in Catalogue Catalogue "Resilient Mounts" Issue 08/2016.

## **Type Approval documentation**

## **Tests carried out**

Test report Nr. 491 A dated 04-07-29.

## **Marking of product**

The product to be marked with manufacturer's name or trademark and type number identification.

## **Periodical assessment**

For retention of the Type Approval, a DNV GL surveyor shall perform a survey every second year and before the expiry date of this certificate to verify that the conditions of the type approval are complied with.

The objective of the Periodical Assessment is to verify that the conditions for the Type Approval are not altered since the

Type Approval Certificate was issued. The main scope of the Periodical Assessment will normally include:

- Verification of the Type Approval applicant's production and quality system w.r.t. ensuring continued consistent production of the Type Approved products at the Type Approval applicant's own premises and at other companies that are given the responsibility for manufacturing of the products.
  - Review of the Type Approval documentation and that this is still used as basis for the production
  - Review of possible changes to the design, the material and the performance of the product
- Verification of the product marking.

DNV GL product certificate is not required.

END OF CERTIFICATE