Certificate no.:
TAM00001E3

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Flexible Mounts for Propulsion or Auxiliary Machinery

with type designation(s)
EvoLo 633

issued to
Trelleborg Industrial Products UK AVS
Leicester, **United Kingdom**

is found to comply with
DNV rules for classification – Ships
DNV rules for classification – High speed and light craft

Application:

Products approved by this certificate are accepted for installation on all vessels classed by DNV.

Issued at **Hamburg** on **2025-01-22**
This Certificate is valid until **2030-01-21**.
DNV local unit: **UK & Ireland CMC & VMC**

for **DNV**

Approval Engineer: **Wolfgang Schütz**

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 USD 300 000.

Product description

Anti vibration rubber mounts EvoLo 633 grade A1, A, B, C, D, E, F, G and H

Application/Limitation

The flexible mounts are approved for mounting of machinery including diesel engines, within the maker's limitations.

Static vertical characteristic of rubber element EvoLo:

Grade A1:	17250 N/mm		
Grade A:	15000 N/mm	Grade E:	4400 N/mm
Grade B:	11250 N/mm	Grade F:	3400 N/mm
Grade C:	7500 N/mm	Grade G:	2600 N/mm
Grade D:	5600 N/mm	Grade H:	2000 N/mm

other data according to maker's data sheets.

Type Approval documentation

Tests carried out

Test reports dated 01-11-04.

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 surveyor shall perform an assessment after 2 years and after 3.5 years, to verify that the conditions of the type approval are complied with. A renewal assessment will be performed at renewal of the certificate.

In cases where the type approved product is manufactured at other companies, the periodical assessment shall verify that the type approval applicant has a quality control system for consistent production at their licensees/subcontractors. Furthermore, periodical assessment shall be carried out randomly at these companies.

Other conditions

No product certificate required.

Installation, maintenance and inspection of the mounts to be done according to the makers instructions.

This certificate replaces the certificate M-12711

END OF CERTIFICATE