



Certificate No. 02-003088/025140

TYPE APPROVAL CERTIFICATE

This is to certify that this product complies with the Rules for the classification of ships, Part 1 - General requirements, Chapter 3 - Type approval of products.

TYPE AND DESCRIPTION OF PRODUCT:

Flexible Mounts Series AVR, CV, T, V, VD, VDM

MANUFACTURER:

VULKAN Kupplungs- und Getriebebau Bernhard Hackforth & Co. KG

Heerstraße 66
D-44653 HERNE
Germany

THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:

CRS: Rules for the classification of ships, Part 7. – Machinery installation.

CRS: Rules for the classification of ships, Part 9. - Machines.

FURTHER DETAILS OF THE PRODUCT AND CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.

APPROVAL IS VALID UNTIL: **2024-12-10**

Place and date: Split, 2020-12-10

Seal

Marinko Popović, dipl.ing.

NOTE: This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Croatian Register of Shipping of any modification or changes to the product in order to obtain a valid certificate.

DETAILED PRODUCT DESCRIPTION:

Flexible mounts for marine propulsion or auxiliary machinery.

Series:	Dimension Group:
AVR	AVR25, AVR50, AVR100
CV	CV600, CV1000, CV2000
T	T12, T35, TA35, T50, T60, TA60, T75, T90, TA90, T90Plus, T130, T140, T170
V	V14, V25
VD	VD S6, VD S20, VD3, VD4, VD5, VD8, VDC10, VDC20
VDM	VDM 13600, VDM 13602, VDM 13604, VDM M4

APPLICATION / LIMITATIONS:

The mounts are approved for mounting of propulsion and auxiliary machinery with limitations as given in the manufacturer's Catalogue "Resilient Mounts Technical Data" Issue 11/2020.

Installation, maintenance and inspection of the mounts to be done according to the manufacturer's instructions and specifications.

Series AVR, V, VDM (ST version) are approved for propeller thrust transfer within the limits of the manufacturer's instructions and specifications.

TYPE APPROVAL DOCUMENTATION:

Documentation approved by CRS with letter: 2566/TSEv/KF/025140 (2020-12-10)

MARKING OF PRODUCT:

- *manufacturer's mark*
- *type identification*
- *serial No.*
- *manufacturing date*

ALTERNATIVE PLACE OF PRODUCTION:

WUXI VULKAN Technologies Co., Ltd.

Xinzhou Road, Lot 93D-3 in Wuxi Science & Technology Industrial Park, Jiangsu Prov., 214028, P.R. China

CONDITIONS FOR CERTIFICATION:

Unit Certification is not required.