



Certificate No. 02-003914/025755

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 coupling
VULASTIK L**

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 9. - Machines.

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

APPROVAL IS VALID UNTIL: **2027-03-06**

Place and date: Split, 2023-02-27

Seal

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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:

Highly flexible couplings with one or two natural rubber or silicone elastic elements.

APPLICATION / LIMITATIONS:

Application: for propulsion and auxiliary machinery. Nominal torque in the range 0,52 kNm to 52 kNm. Permissible torque values, power loss, rotational speed and radial displacement, together with the values of stiffness and damping are specified in the actual manufacturer's publications (see below).

TYPE APPROVAL DOCUMENTATION:

Drawing VULASTIK-L 2611 (2) 1x26100143 with the relevant list of parts approved by Croatian Register of Shipping under No. 102851, dated 1990-04-02.

MARKING OF PRODUCT:

- manufacturer's mark
- location and year of final fitting
- CRS mark

CONDITIONS FOR CERTIFICATION:

In accordance with manufacturer's catalogues and publications:

VULASTIK L / Technical Data	edition	08/2022
Explanation of Technical Data	edition	09/2021
Integral Shaft Support, Technical Data	edition	08/2022