Certificate no.:
TAM00001FC

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Flexible Mounts for Propulsion or Auxiliary Machinery

with type designation(s)
CM2, CM2 HA(Height adjustable), CM2 HA XL(Height adjustable with extended thread rod)

issued to
MARI Technology Holland B.V.
Hendrik-Ido-Ambacht, **Netherlands**

is found to comply with
DNV rules for classification – Ships
DNV class programme DNV-CP-0144 – Type approval – Flexible mounts used for propulsion or auxiliary machinery

Application:

Mounting of propulsion, auxiliary and emergency machinery

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

Issued at **Hamburg** on **2026-01-09**
This Certificate is valid until **2031-01-08**.
DNV local unit: **Netherlands CMC**

for **DNV**

Approval Engineer: **Andreas Wolf**

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
Conical vibration isolator.

Application/Limitation
The rubber mounts are approved for use in foundation arrangements for marine applications.

Standard Load Item number	Hardness Rubber (Shore B)	Nominal vertical stiffness (N/mm)	Max Marine load (kN)	Max Static load (kN)	Height Adjustable
1010C2RB45	45°	1200	15	17,5	No
1010C2RB50	50°	1550	19	22	No
1010C2RB55	55°	1850	23	27	No
1010C2RB60	60°	2350	28	33	No
1010C2RB65	65°	3000	36	43	No

Standard Load Item number	Hardness Rubber (Shore B)	Nominal vertical stiffness (N/mm)	Max Marine load (kN)	Max Static load (kN)	Height Adjustable
1010C2HB45	45°	1200	15	17,5	Yes
1010C2HB50	50°	1550	19	22	Yes
1010C2HB55	55°	1850	23	27	Yes
1010C2HB60	60°	2350	28	33	Yes
1010C2HB65	65°	3000	36	43	Yes

Increased Load Item number	Hardness Rubber (Shore A)	Nominal vertical stiffness (N/mm)	Max Marine load (kN)	Max Static load (kN)	Height Adjustable
1010C2RA45	45°	2800	29	33	No
1010C2RA50	50°	3500	36	41	No
1010C2RA55	55°	4600	43	50	No
1010C2RA60	60°	5300	48	56	No
1010C2RA65	65°	5900	54	63	No
1010C2RA70	70°	7350	60	71	No
1010C2RA75	75°	9150	66	77	No

Increased Load Item number	Hardness Rubber (Shore A)	Nominal vertical stiffness (N/mm)	Max Marine load (kN)	Max Static load (kN)	Height Adjustable
1010C2HA45	45°	2800	29	33	Yes
1010C2HA50	50°	3500	36	41	Yes
1010C2HA55	55°	4600	43	50	Yes
1010C2HA60	60°	5300	48	56	Yes
1010C2HA65	65°	5900	54	63	Yes
1010C2HA70	70°	7350	60	71	Yes
1010C2HA75	75°	9150	66	77	Yes

Type Approval documentation

Marking of product

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

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.

END OF CERTIFICATE