V-Shaped Marine Engine Vibration Isolators

High-deflection, low-natural-frequency vibration isolators for marine diesel engines, particularly 1 to 4-cylinder sailboat engines.



The **AMC-MECANOCAUCHO® V-Shaped Marine Engine Vibration Isolators** are specifically designed for the vibration isolation of **marine diesel engines**, particularly **1, 2, 3 and 4-cylinder engines commonly used in sailboats**.

Their V-shaped geometry allows the elastomer to work in **compression and shear**, providing **high deflection and a low natural frequency**. This design is particularly effective at improving vibration isolation **at low engine speeds and at idle**, where diesel engines with a low number of cylinders can generate significant vibration levels.

Different stiffness characteristics in all three axes help control engine movement while providing greater flexibility in the directions where vibration isolation is most needed. This provides an optimal balance between **vibration isolation, engine stability and control of propeller thrust loads**.

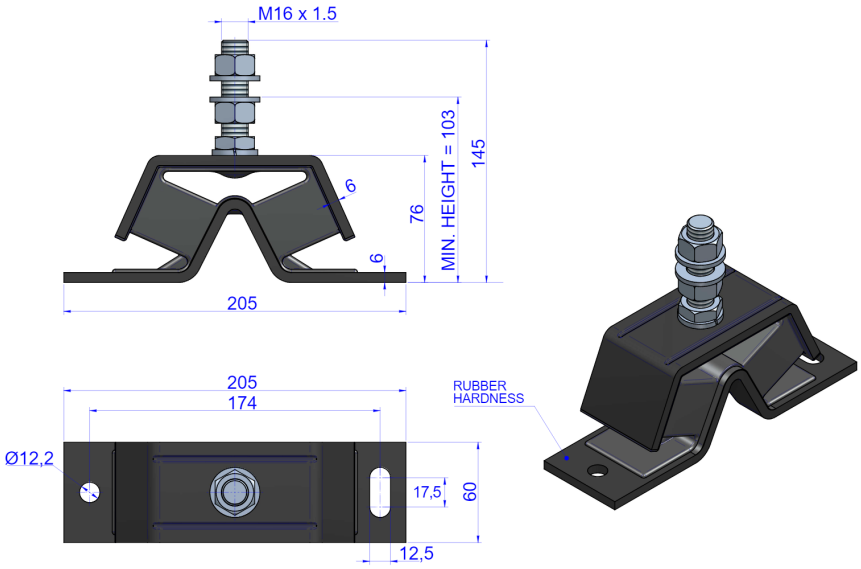
Their rugged construction and **corrosion protection** provide reliable performance in demanding marine environments. The upper stud and two base mounting points also simplify engine installation and alignment.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
Document generated on 15/11/2026.

Drawings

V-shaped marine



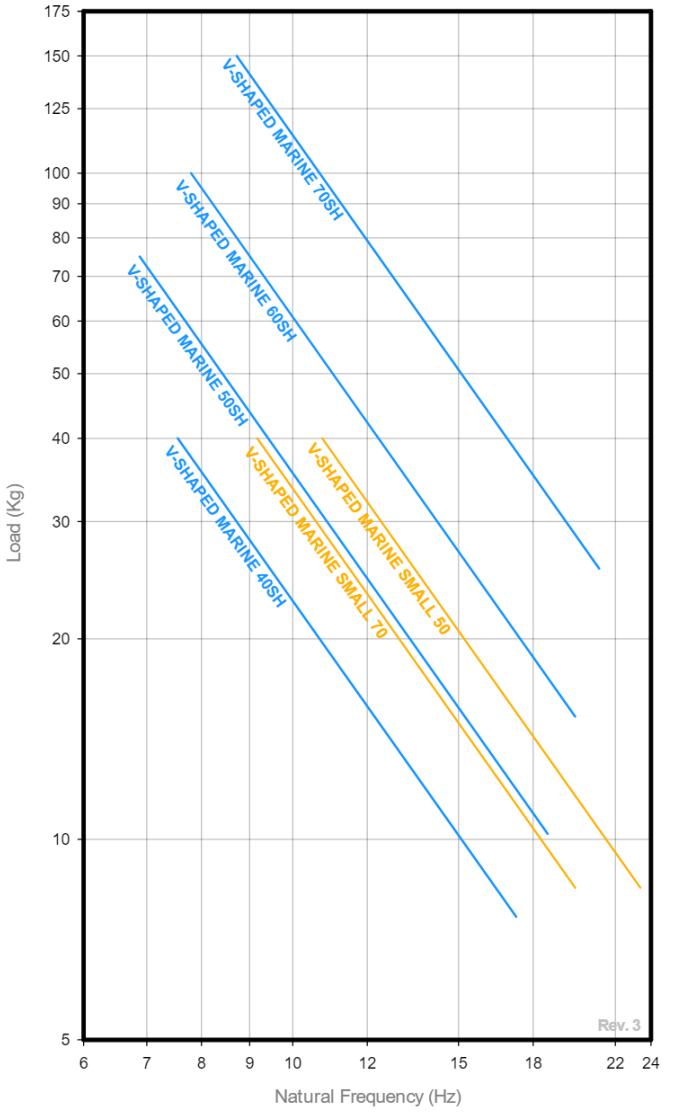
Type	Weight(lbs)	Code	Descrip.	Max. Load(lbs)	Shore
V-shaped marine	4	148001	75	88	40 Sh
		148003	100	165	50 Sh
		148004	150	220	60 Sh
		148006	200	331	70 Sh

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

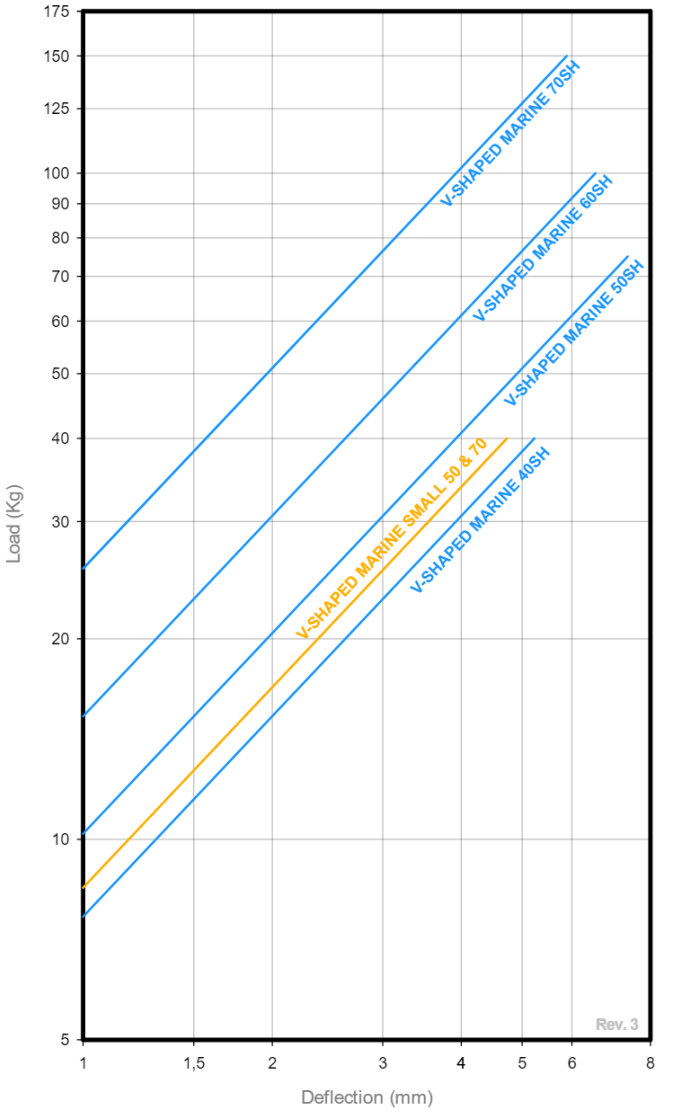
In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
Document generated on 15/11/2026.

Elastic properties

NATURAL FREQUENCY
AMC MECANOCAUCHO® V-SHAPED MARINE MOUNT



LOAD DEFLECTION GRAPH
AMC MECANOCAUCHO® V-SHAPED MARINE MOUNT



AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
Document generated on 15/11/2026.

Technical characteristics

The AMC-Mecanocaucho® V-Marine Engine Mount shape design provides high deflections for relatively low loads. This means that the natural frequency is low and ideal for engines which frequently work at idle speed. It has different stiffness rates in the Vertical , Horizontal and Lateral axes which permits adjustments to the system modes for optimal isolation and stability.

Maximum leveling: 3 mm.

Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

Improved isolation

It offers improved isolation compared to conventional anti-vibration mounts of similar geometry.

High protection against weathering and chemical contamination

The bell housing protects the rubber from ozone and UV radiation, while also preventing contact with diesel, oils, or other chemicals that could damage it.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
Document generated on 15/11/2026.