MD Vibration Isolators

High-damping vibration isolators designed to combine vibration isolation, stability and motion control.



The **AMC-MECANOCAUCHO® MD vibration isolators** have a similar design to the BSB and BRB ranges. Their main distinguishing feature is the use of a **high internal damping synthetic elastomer compound**.

This formulation helps **dissipate vibrational energy and reduce motion amplitudes**, particularly during **transient conditions and when passing through resonance frequencies**. MD vibration isolators therefore provide an excellent balance of **vibration isolation, damping and equipment stability**.

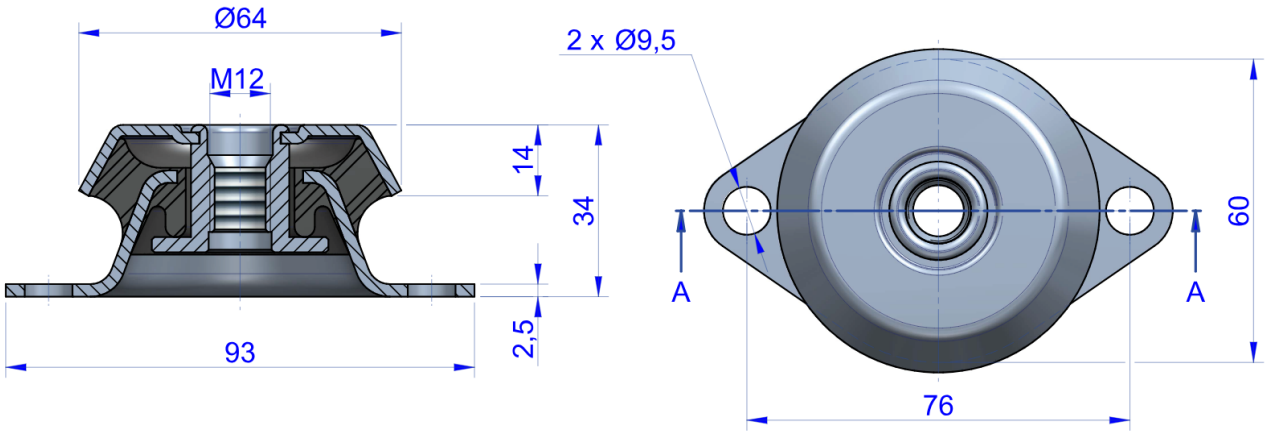
Thanks to their ability to control oscillations, they are particularly well suited for **engines, generator sets, pumps, compressors, and mobile or stationary machinery** subjected to dynamic loads and requiring a **stable, highly damped suspension**.

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Drawings

A / B / C / D

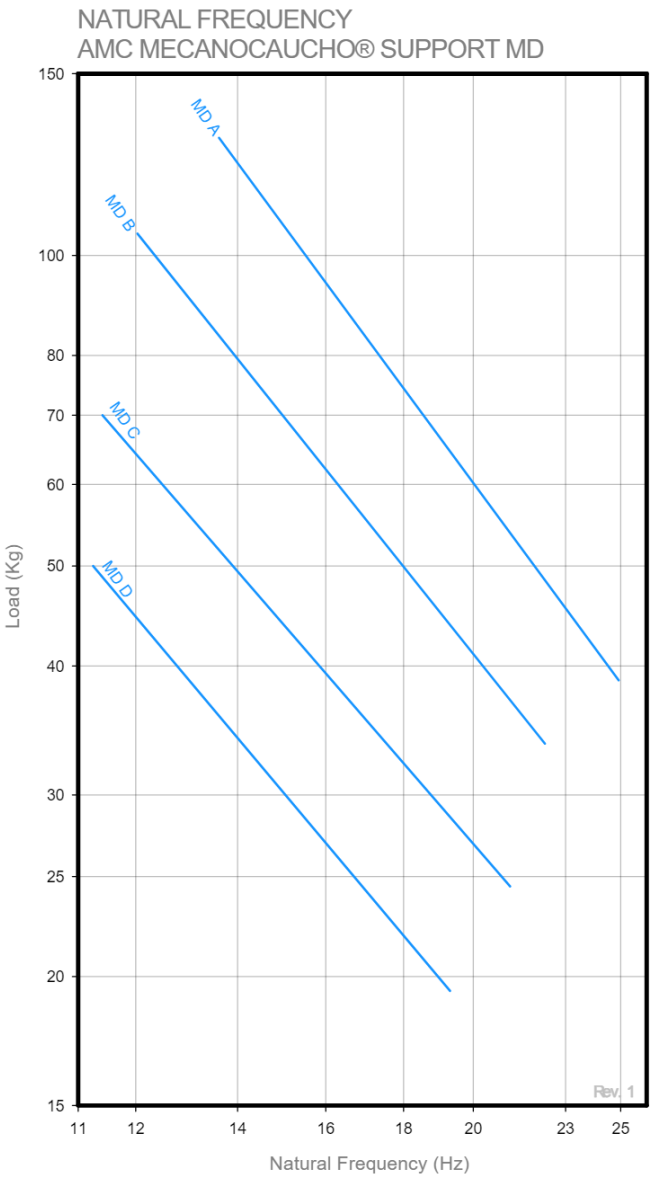


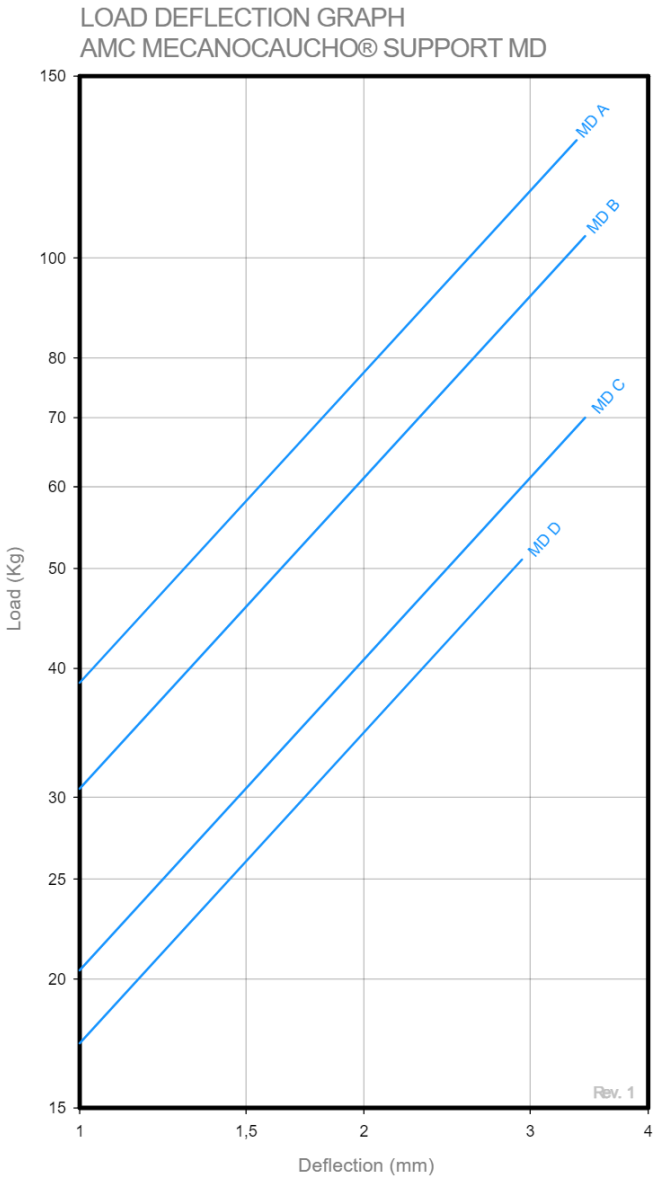
Type	Tightening torque Max. (Nm)	Max. Load(lbs)	Weight(lbs)	Code
A	2.17	287	1	135210
B	2.17	231	1	135212
C	2.17	154	1	135213
D	2.17	110	1	135219

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Elastic properties





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Technical characteristics

• The top metal cap protects the rubber section from possible deisel , oil splashes.

• It has an electrolytic coating that protects the metal parts against corrosion.

• The mounts have an interlocking metal component that provides fail-safe protection for mobile applications. This device limits vertical movement when the mounts are subjected to shock loads in transit .

Advantages

Easy installation

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

Mount offering high stability

Suspensions built with this mount barely move, thanks to a geometry designed to control the movement of the suspended element.

Superior damping that reduces amplification and controls movement

The superior damping enhances equipment stability: when passing through resonance during startup and shutdown, energy is absorbed, resulting in reduced amplitude.

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