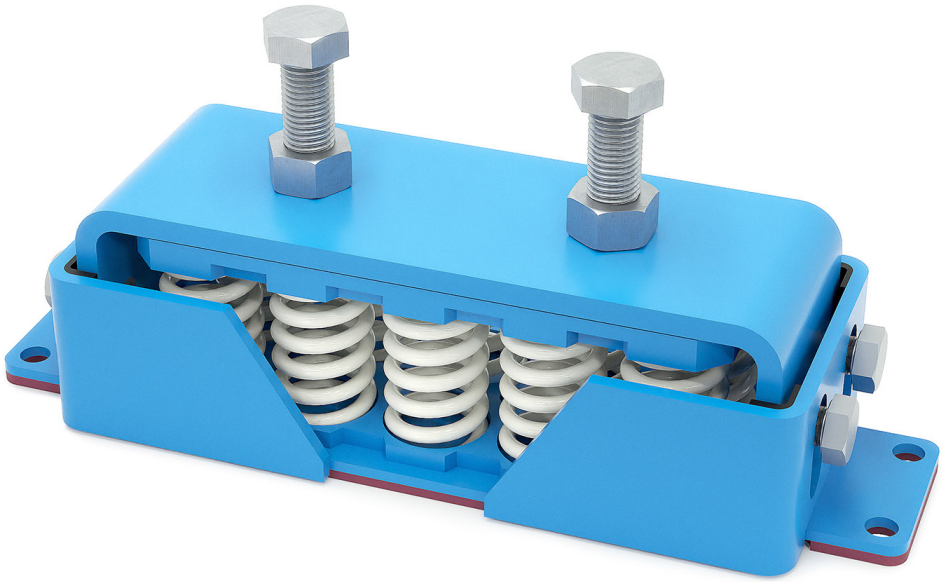
10 AMC Anti-Seismic Spring Isolators

Anti-seismic spring isolators for high loads, designed for low-frequency vibration isolation and to withstand dynamic tensile and compressive forces.



The **AMC-MECANOCAUCHO® 10 AMC Anti-Seismic Spring Isolators** are designed to provide **low-frequency vibration isolation** while withstanding **high dynamic tensile and compressive forces**.

Their spring design provides **high flexibility and low vertical stiffness**, effectively reducing the transmission of vibration from the equipment to the supporting structure. The range covers **loads from 300 to 8,000 kg (660 to 17,640 lb)**, making it suitable for equipment with widely varying masses.

The **reinforced metal components** and **integrated seismic restraint system** are designed to withstand exceptional loads generated during seismic events and to limit excessive equipment movement.

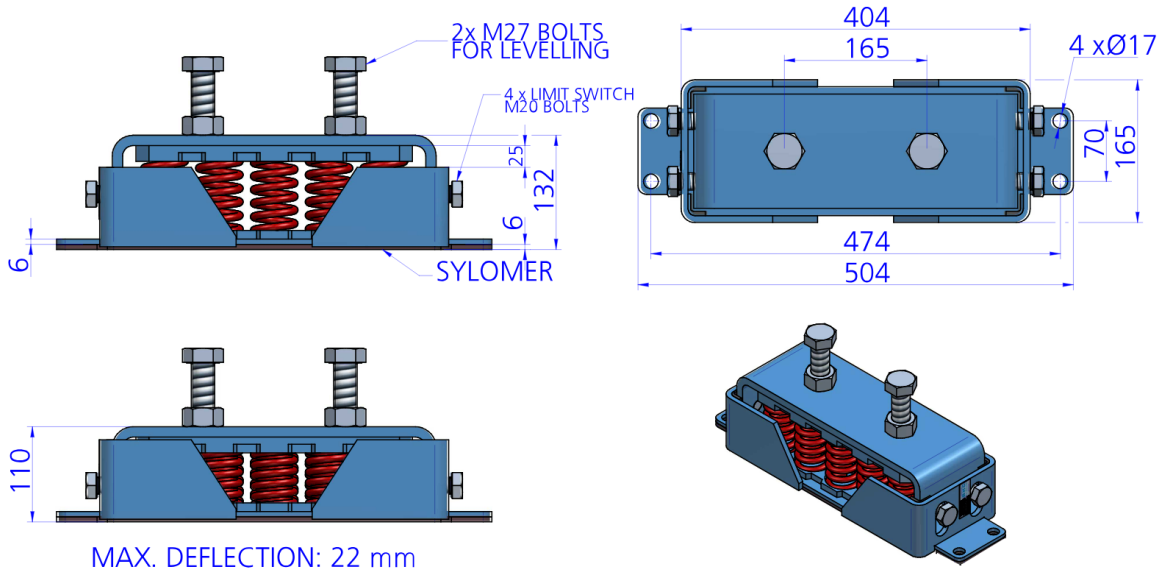
10 AMC spring isolators are particularly suitable for **rotating machinery and heavy mechanical equipment** operating at relatively low speeds, particularly within the **800 to 1,500 rpm range**, where the application requires a combination of **vibration isolation, high load capacity, and seismic protection**.

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

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Drawings

10 AMC ANTI-SEISMIC + SYLOMER

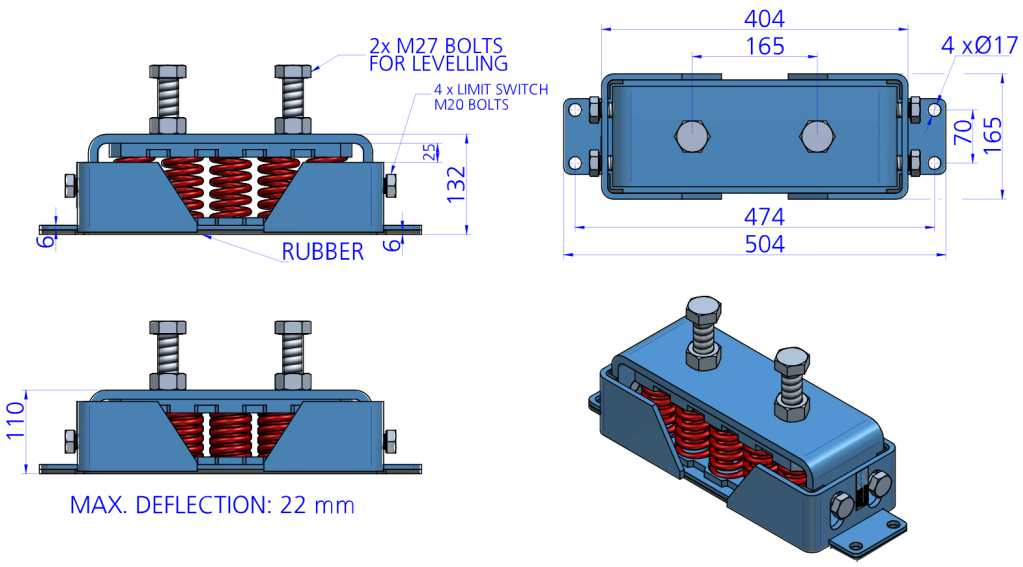


Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
10 AMC ANTI-SEISMIC + SYLOMER	20850	10	YELLOW	4408	0.87	923	53
	20852	10	PURPLE	6722	0.87	1456	53
	20853	10	GREEN	8926	0.87	1656	55
	20854	10	GREY	11902	0.87	2546	57
	20855	10	WHITE	13488	0.87	2836	55
	20856	10	RED	17698	0.87	3918	59

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10 AMC ANTI-SEISMIC

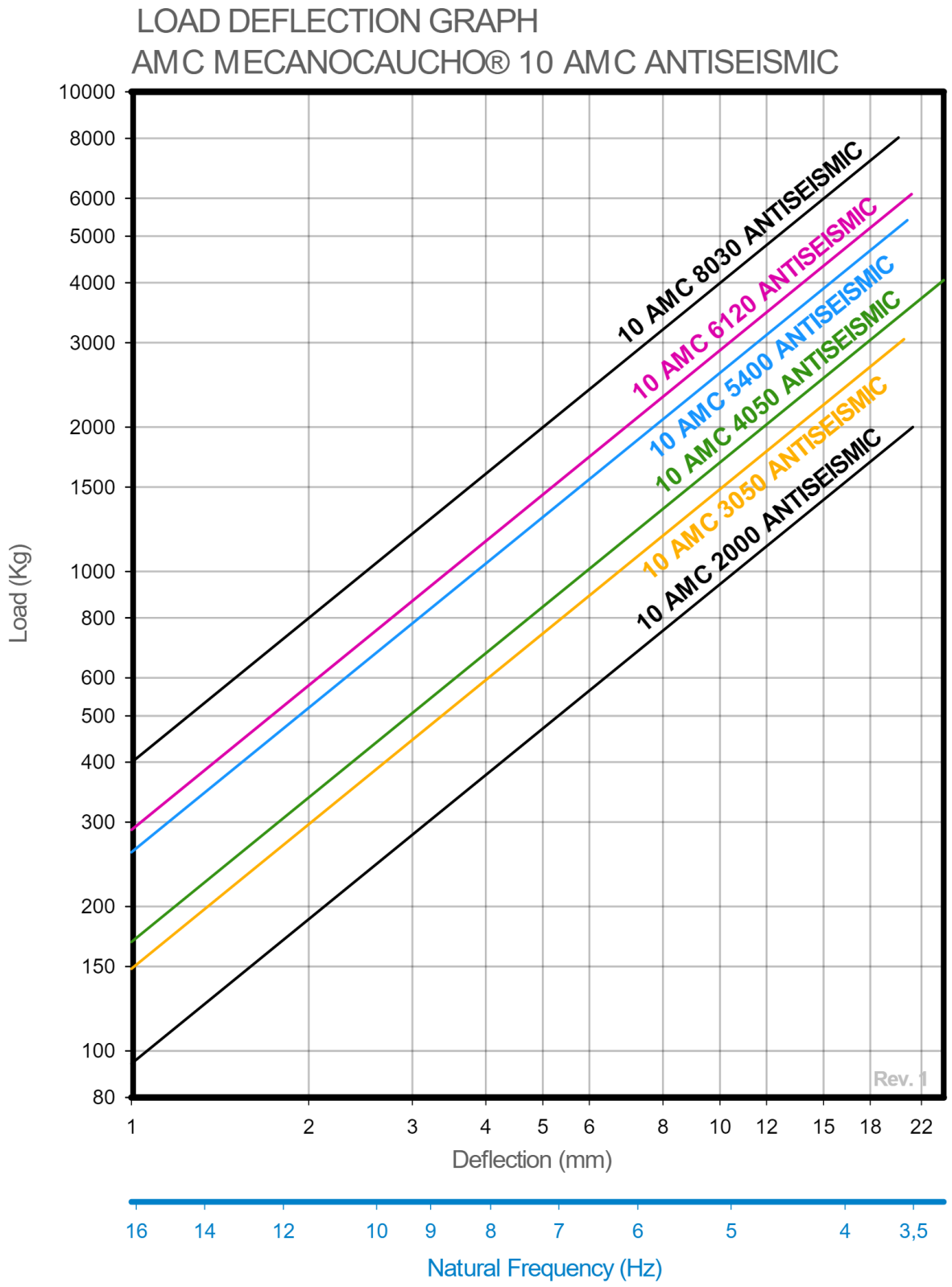


Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
10 AMC ANTI-SEISMIC	20849	10	YELLOW	4408	0.87	923	53
	20894	10	PURPLE	6722	0.87	1456	53
	20895	10	GREEN	8926	0.87	1656	55
	20896	10	GREY	11902	0.87	2546	58
	20897	10	WHITE	13488	0.87	2836	56
	20898	10	RED	17698	0.87	3918	59

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Elastic properties



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Technical characteristics

The design of these vibration isolators is composed of interlocking metal parts where a rubber buffer is placed in order to avoid metal to metal contact when high shear loads occur. This feature allows to provide lateral stability to the suspended element. These lateral metal parts have been calculated to withstand to lateral high forces that may occur in seismic events, allowing the vibration isolator to resist without rupture. These mounts can be supplied with a Sylomer layer under the below metal part. This feature allows to filter high frequency vibrations that could go through the coil springs, providing to the 10 AMC Antiseismic vibration isolator higher degree of vibration isolation.

The AMC-MECANOCAUCHO **10 AMC antiseismic vibration isolators** are manufactured in several types of springs to suit load from 300 to 8000Kg load per mount.

The metal parts are epoxy coated in order to withstand to arduous corrosive environments.

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.

Mount offering high stability

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

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