9 AMC Anti-Seismic Spring Isolators

Nine-spring anti-seismic vibration isolators designed for very high loads, with low-frequency vibration isolation and integrated seismic restraints.



AMC-MECANOCAUCHO® 9 AMC Anti-Seismic Spring Isolators incorporate **nine high-deflection steel springs**, allowing them to support **very high loads** while maintaining the vertical flexibility required for effective low-frequency vibration isolation.

The nine-spring configuration provides a **particularly high load capacity** while maintaining a **low natural frequency**, helping reduce the transmission of vibration from the equipment to the supporting structure.

Under normal operating conditions, the springs have the freedom of movement required for effective vibration isolation. Under exceptional or seismic loads, an **integrated seismic restraint system** limits excessive equipment movement and helps maintain its mechanical integrity.

This robust design combines **very high load capacity, low-frequency vibration isolation, and seismic protection** within a single spring isolator.

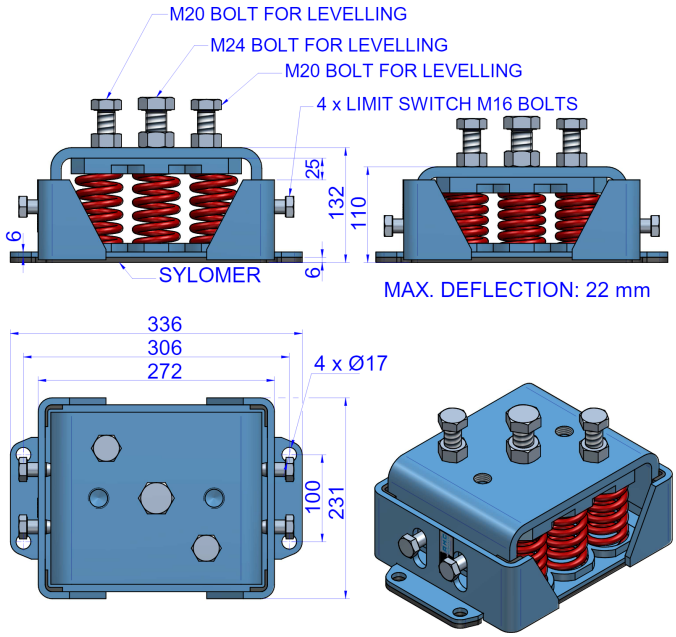
9 AMC spring isolators are particularly suitable for **heavy equipment incorporating moving or rotating components**, including **refrigeration units, air handling units, fans, pumps, compressors, generator sets, and other large HVAC or industrial equipment**.

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Drawings

9 AMC ANTI-SEISMIC + SYLOMER

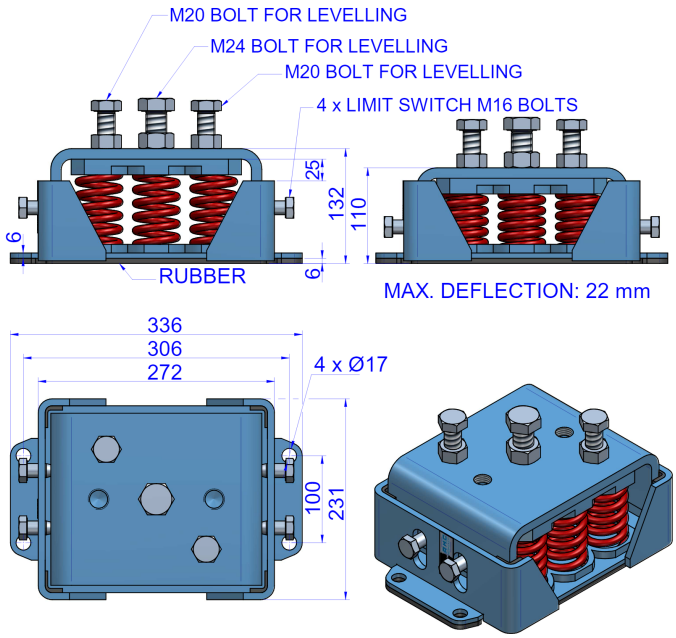


Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
9 AMC ANTI-SEISMIC + SYLOMER	20990	9	YELLOW	3967	0.87	831	47
	20992	9	PURPLE	6050	0.87	1310	47
	20993	9	GREEN	8034	0.87	1490	49
	20994	9	GREY	10711	0.87	2291	51
	20995	9	WHITE	12140	0.87	2552	49
	20996	9	RED	15928	0.87	3526	53

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9 AMC ANTI-SEISMIC

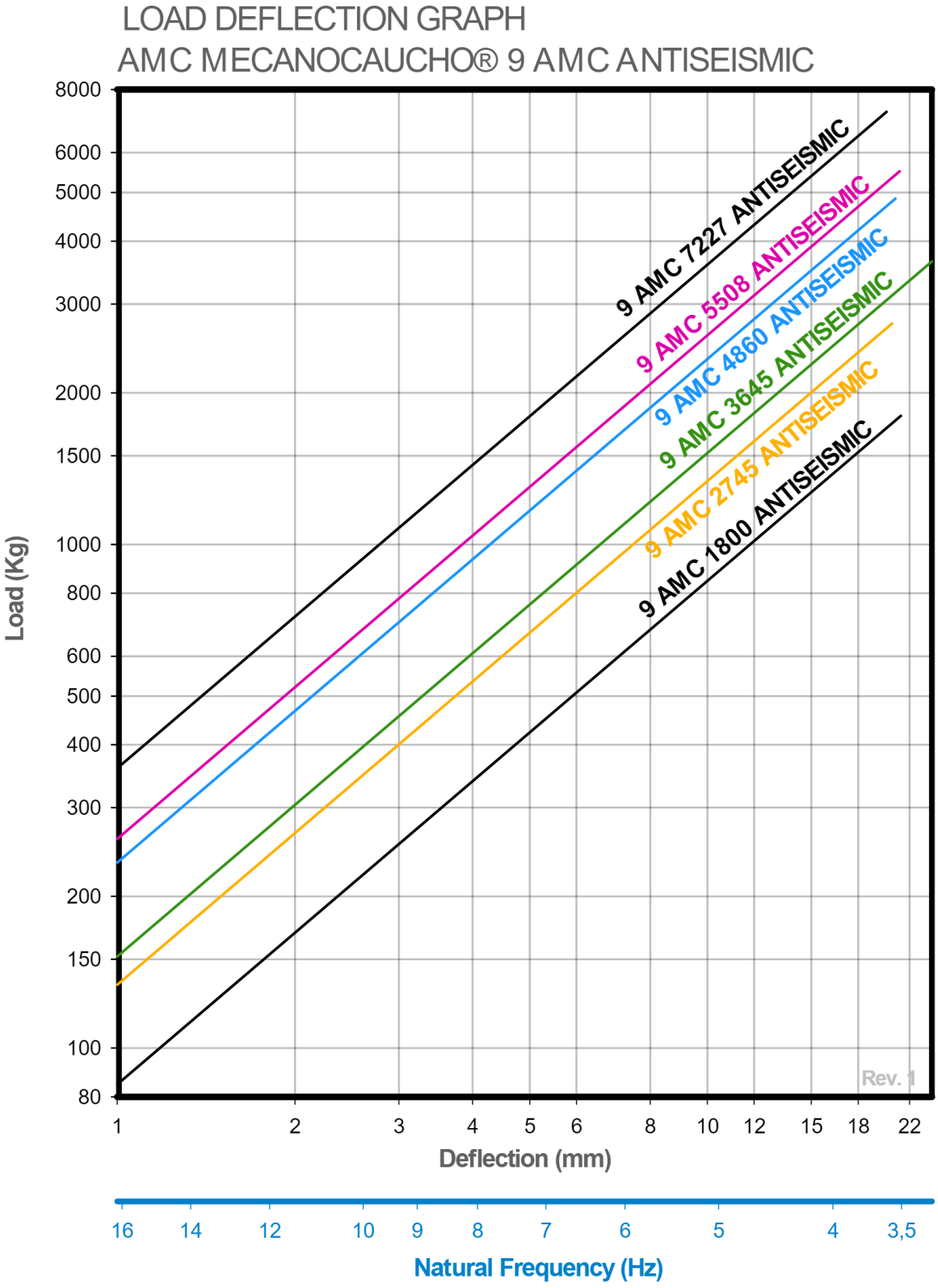


Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
9 AMC ANTI-SEISMIC	20959	9	YELLOW	3967	0.87	831	48
	20961	9	PURPLE	6050	0.87	1310	48
	20962	9	GREEN	8034	0.87	1490	49
	20963	9	GREY	10711	0.87	2291	51
	20964	9	WHITE	12140	0.87	2552	50
	20965	9	RED	15928	0.87	3526	53

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Elastic properties



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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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