4 AMC Anti-Seismic Spring Isolators

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



AMC-MECANOCAUCHO® 4 AMC Anti-Seismic Spring Isolators incorporate **four high-deflection steel springs**, allowing them to support **high loads** while providing effective low-frequency vibration isolation.

The four-spring configuration increases the **load capacity** while maintaining the vertical flexibility required to achieve a **low natural frequency** and reduce the transmission of vibration from the machine 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.

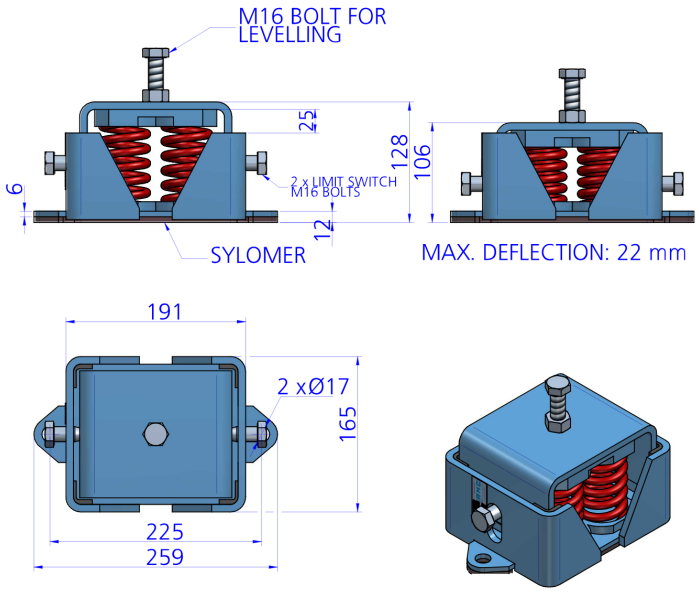
This design is particularly suitable for **heavy equipment incorporating moving or rotating components**, including **fans, pumps, compressors, refrigeration units, generator sets, and HVAC equipment**, where **high load capacity, low-frequency vibration isolation, and seismic protection** are required.

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Drawings

4 AMC ANTI-SEISMIC + SYLOMER

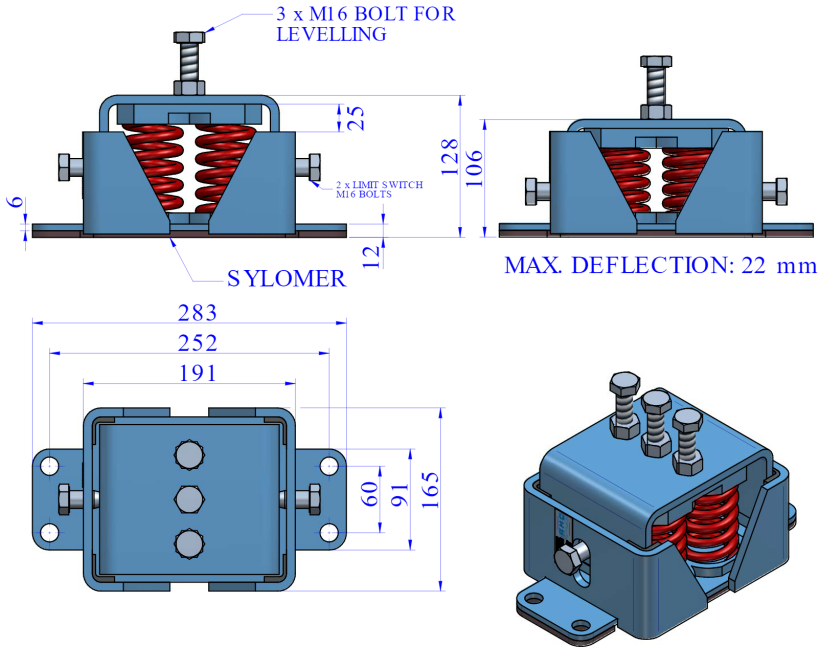


Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
4 AMC ANTI-SEISMIC + SYLOMER	20680	4	YELLOW	1763	0.87	369	23
	20686	4	PURPLE	2689	0.87	582	23
	20687	4	GREEN	3570	0.87	662	24
	20688	4	GREY	4761	0.87	1018	24
	20689	4	WHITE	5395	0.87	1134	24
	20690	4	RED	7079	0.87	1567	26

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4 AMC ANTI-SEISMIC + SYLOMER 4 Holes

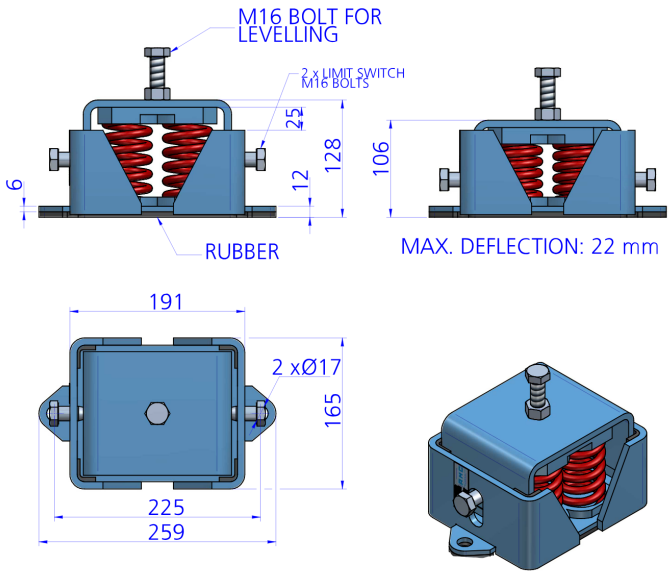


Type	Code	Spring color	No. Springs	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
4 AMC ANTI-SEISMIC + SYLOMER 4 Holes	21524	YELLOW	4	1763	0.87	369	25
	21525	PURPLE	4	2689	0.87	582	24
	21526	GREEN	4	3570	0.87	662	25
	21527	GREY	4	4761	0.87	1018	26
	21528	WHITE	4	5395	0.87	1134	25
	21529	RED	4	7079	0.87	1567	26

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4 AMC ANTI-SEISMIC

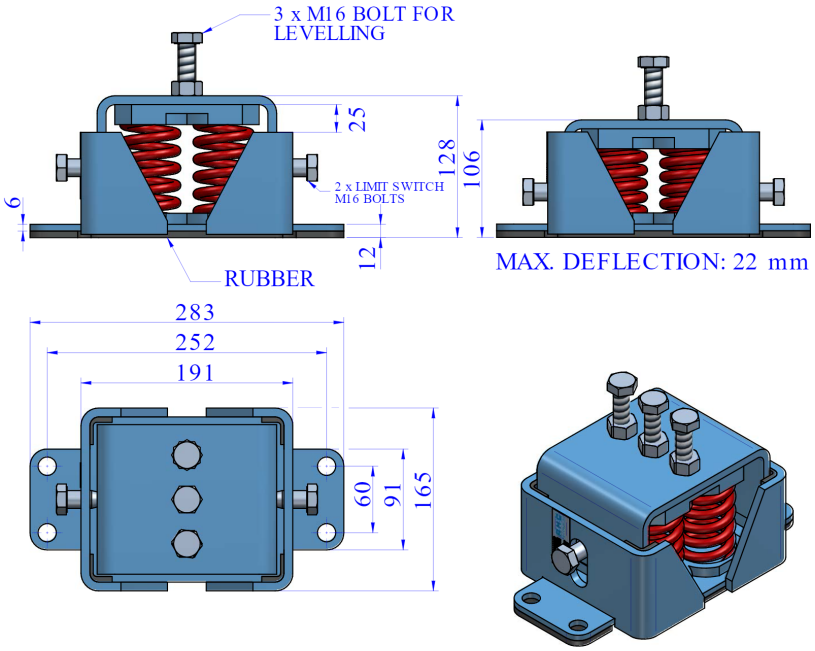


Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
4 AMC ANTI-SEISMIC	20679	4	YELLOW	1763	0.87	369	24
	20700	4	PURPLE	2689	0.87	582	24
	20696	4	GREEN	3570	0.87	662	24
	20697	4	GREY	4761	0.87	1018	24
	20698	4	WHITE	5395	0.87	1134	24
	20699	4	RED	7079	0.87	1567	26

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4 AMC ANTI-SEISMIC 4 Holes

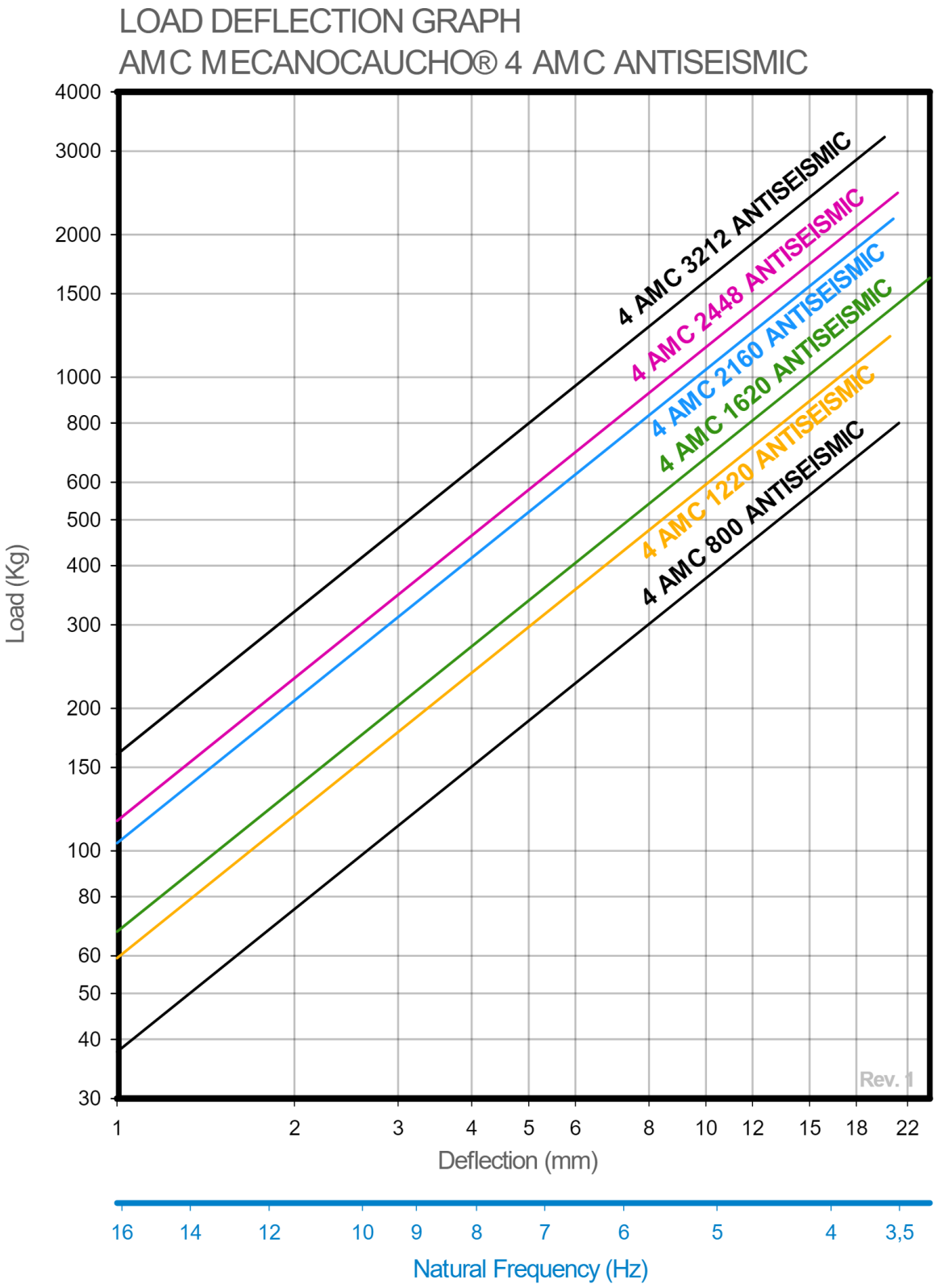


Type	Code	Spring color	No. Springs	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
4 AMC ANTI-SEISMIC 4 Holes	21530	YELLOW	4	1763	0.87	369	25
	21531	PURPLE	4	2689	0.87	582	25
	21532	GREEN	4	3570	0.87	662	25
	21533	GREY	4	4761	0.87	1018	25
	21534	WHITE	4	5395	0.87	1134	25
	21535	RED	4	7079	0.87	1567	25

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Elastic properties



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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