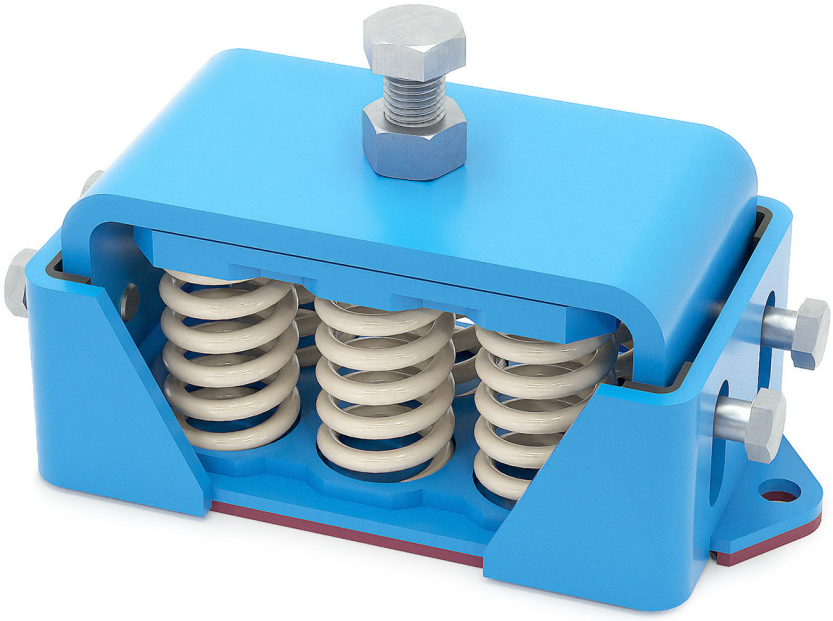
6 AMC Anti-Seismic Spring Isolators

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



AMC-MECANOCAUCHO® 6 AMC Anti-Seismic Spring Isolators incorporate **six high-deflection steel springs**, allowing them to support **very high loads** while maintaining the vertical flexibility required for effective low-frequency vibration isolation.

The six-spring configuration significantly increases the **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.

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

6 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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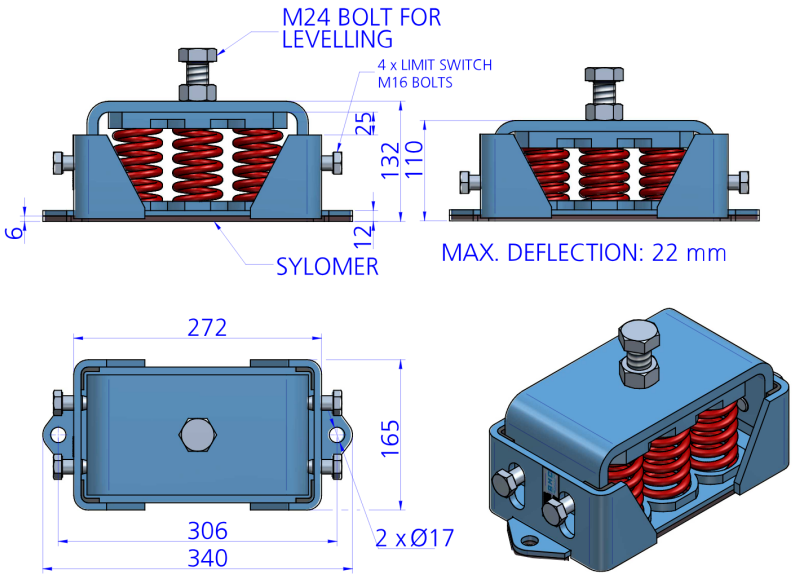
Drawings

6 AMC ANTI-SEISMIC + SYLOMER



Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
6 AMC ANTI-SEISMIC + SYLOMER	20750	6	YELLOW	2645	0.87	554	33
	20766	6	PURPLE	4033	0.87	874	33
	20767	6	GREEN	5356	0.87	994	34
	20768	6	GREY	7141	0.87	1528	35
	20769	6	WHITE	8093	0.87	1702	33
	20770	6	RED	10619	0.87	2351	36

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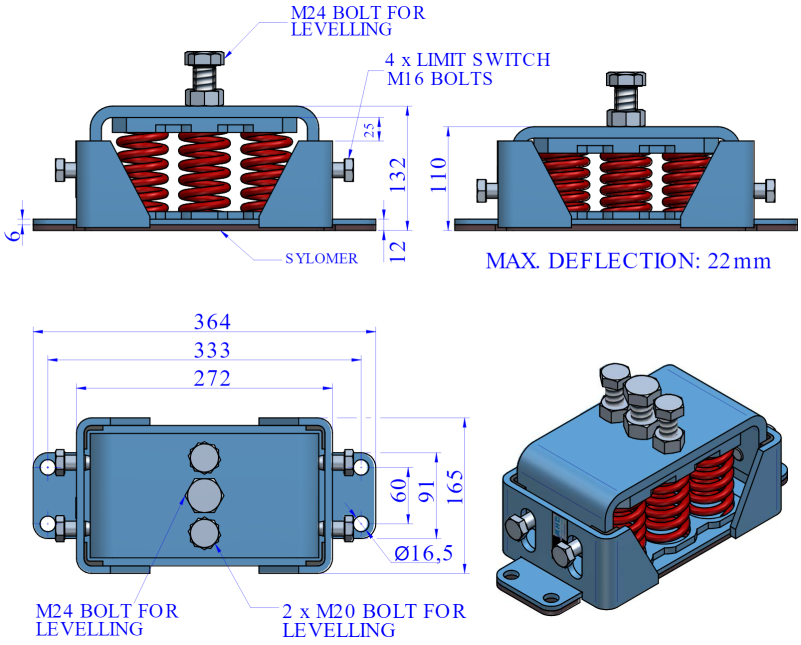
6 AMC ANTI-SEISMIC + SYLOMER 4 Holes



Type	Code	Spring color	No. Springs	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
6 AMC ANTI-SEISMIC + SYLOMER 4 Holes	21536	YELLOW	6	2645	0.87	554	36
	21537	PURPLE	6	4033	0.87	874	36
	21538	GREEN	6	5356	0.87	994	36
	21539	GREY	6	7141	0.87	1528	36
	21540	WHITE	6	8093	0.87	1702	36
	21541	RED	6	10619	0.87	2351	36

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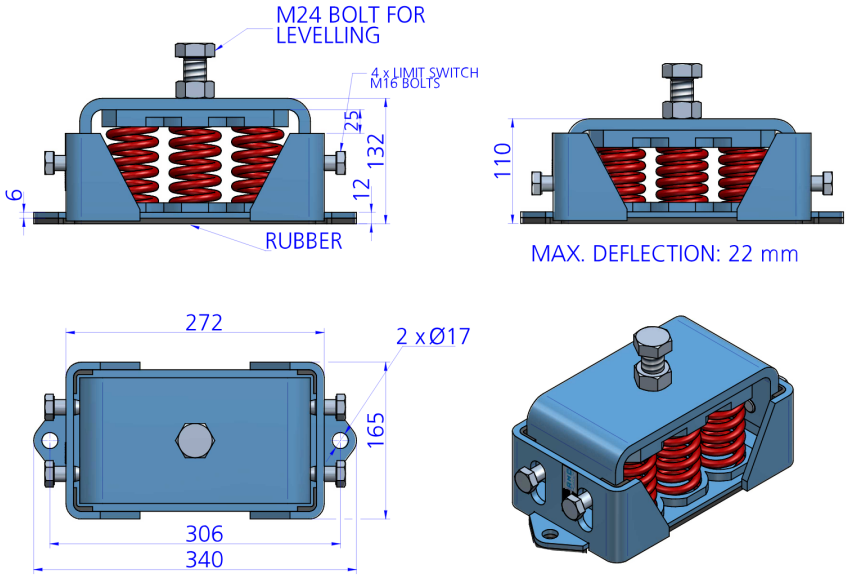
6 AMC ANTI-SEISMIC



Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
6 AMC ANTI-SEISMIC	20749	6	YELLOW	2645	0.87	554	34
	20761	6	PURPLE	4033	0.87	874	34
	20762	6	GREEN	5356	0.87	994	34
	20763	6	GREY	7141	0.87	1528	34
	20764	6	WHITE	8093	0.87	1702	34
	20765	6	RED	10619	0.87	2351	36

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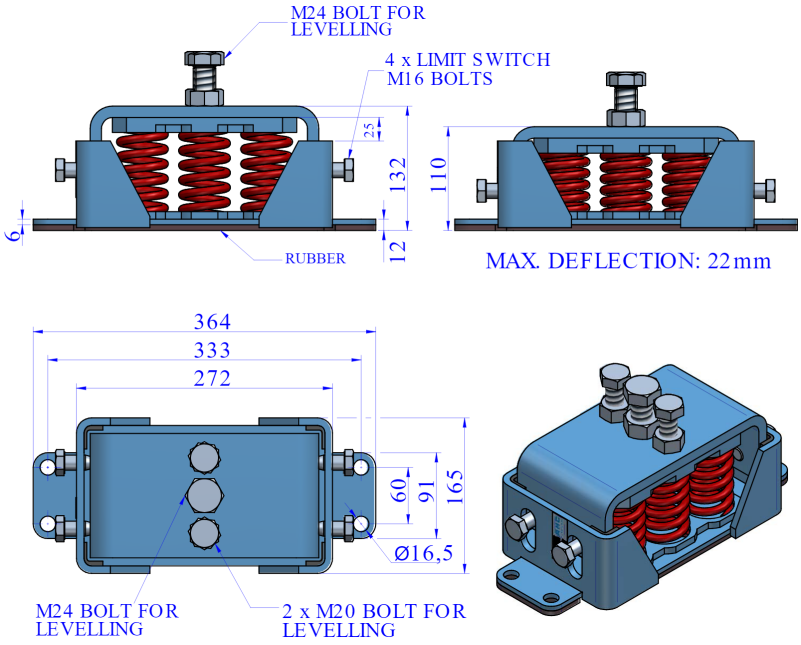
6 AMC ANTI-SEISMIC 4 Holes



Type	Code	Spring color	No. Springs	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
6 AMC ANTI-SEISMIC 4 Holes	21542	YELLOW	6	2645	0.87	554	36
	21543	PURPLE	6	4033	0.87	874	36
	21544	GREEN	6	5356	0.87	994	36
	21545	GREY	6	7141	0.87	1528	36
	21546	WHITE	6	8093	0.87	1702	36
	21547	RED	6	10619	0.87	2351	36

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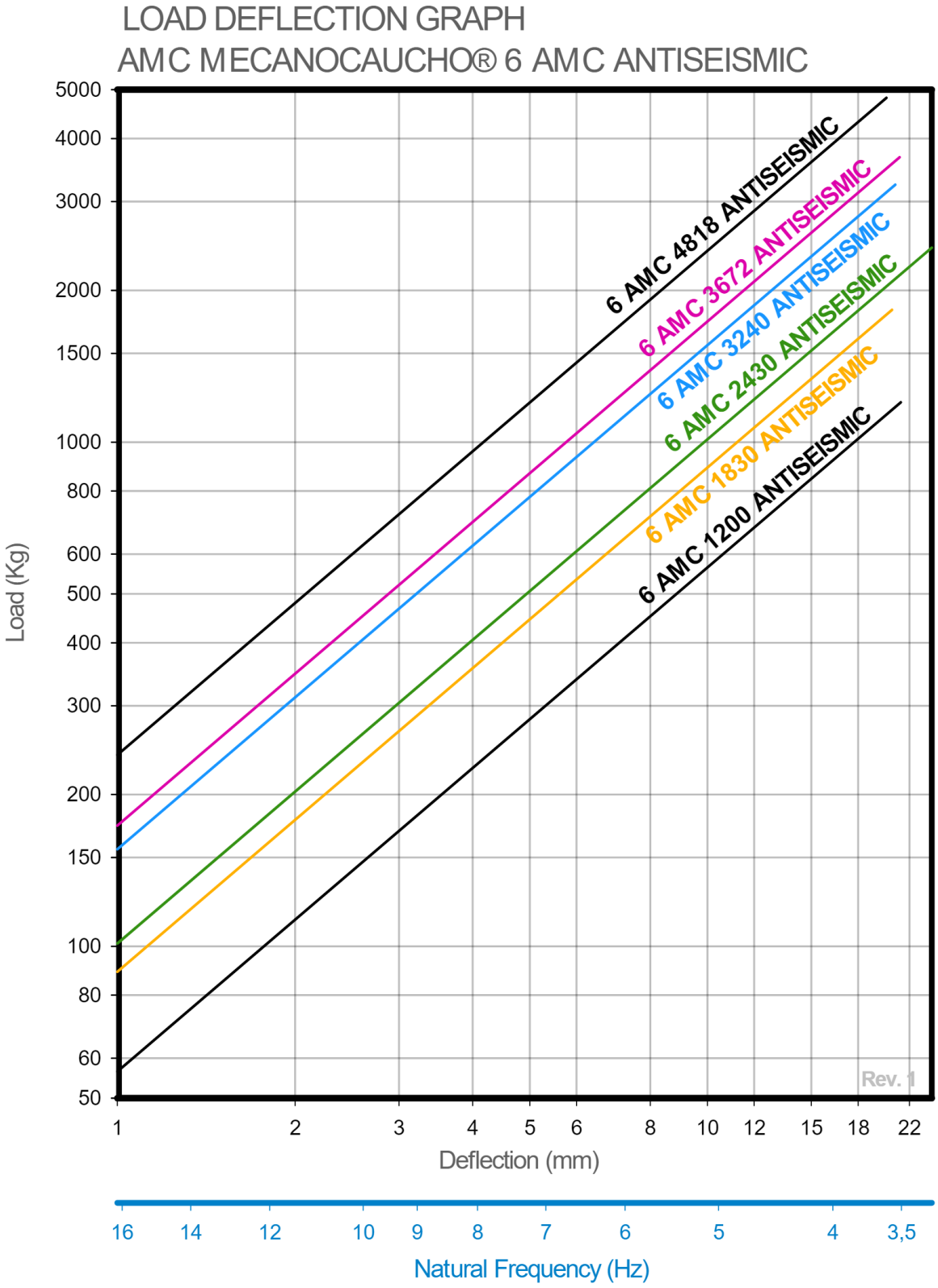
Elastic properties



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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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