2 AMC Anti-Seismic Spring Isolators

Double-spring anti-seismic vibration isolators designed to provide high load capacity, low-frequency vibration isolation, and mechanical protection under seismic conditions.



AMC-MECANOCAUCHO® 2 AMC Anti-Seismic Spring Isolators incorporate **two steel springs**, providing a **high load capacity** while maintaining the high deflection required for effective low-frequency vibration isolation.

Under normal operating conditions, the springs allow the movement required for effective **low-frequency vibration isolation**. The double-spring configuration enables heavier equipment to be supported without compromising the vibration isolation performance of the system.

An **integrated seismic restraint system** limits excessive **equipment** movement under exceptional or seismic loads, while allowing the movement required for normal operation of the springs.

The restraint system has been specifically designed to **withstand high dynamic loads** that may occur during a seismic event and to help maintain the mechanical integrity of the equipment.

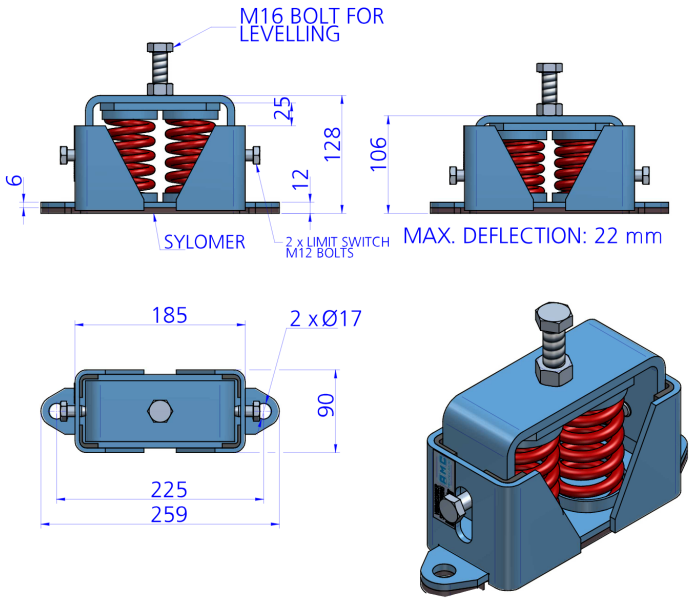
2 AMC spring isolators are particularly suitable for **heavy equipment incorporating moving or rotating components**, including **fans, pumps, compressors, refrigeration units, generator sets, and HVAC equipment**, requiring high load capacity, low-frequency vibration isolation, and mechanical protection in seismic zones.

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Drawings

2 AMC ANTI-SEISMIC + SYLOMER

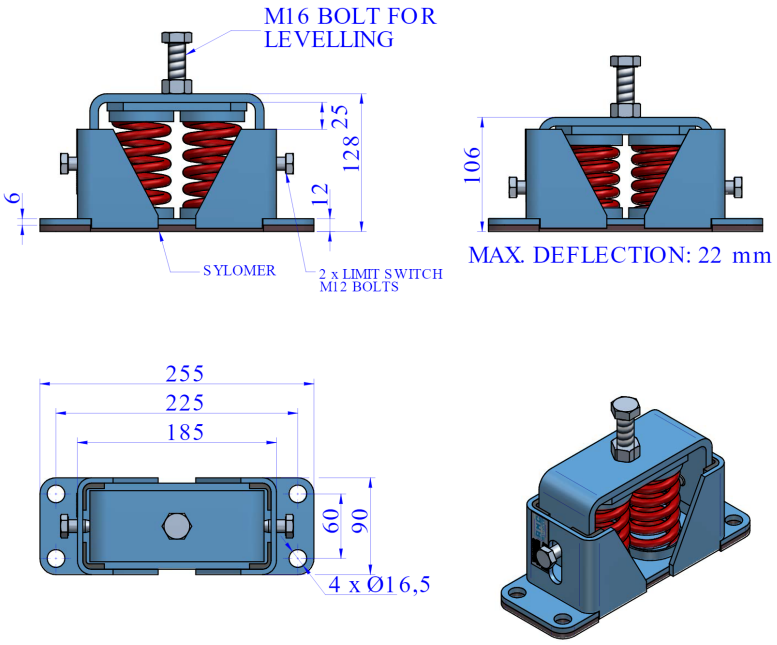


Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
2 AMC ANTI-SEISMIC + SYLOMER	20528	2	YELLOW	882	0.87	185	11
	20480	2	PURPLE	1344	0.87	291	11
	20487	2	GREEN	1785	0.87	331	11
	20488	2	GREY	2380	0.87	509	11
	20489	2	WHITE	2698	0.87	567	11
	20490	2	RED	3540	0.87	784	12

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2 AMC ANTI-SEISMIC + SYLOMER 4 Holes

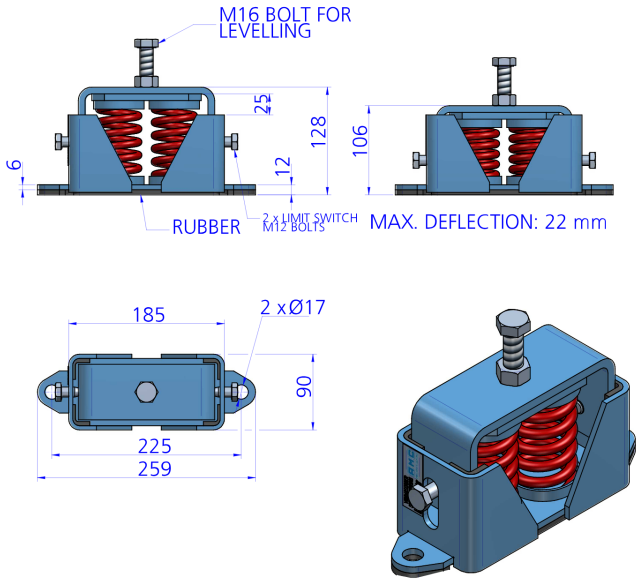


Type	Code	Spring color	No. Springs	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
2 AMC ANTI-SEISMIC + SYLOMER 4 Holes	21512	YELLOW	2	882	0.87	185	12
	21513	PURPLE	2	1344	0.87	291	12
	21514	GREEN	2	1785	0.87	331	12
	21515	GREY	2	2380	0.87	509	12
	21516	WHITE	2	2698	0.87	567	12
	21517	RED	2	3540	0.87	784	12

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2 AMC ANTI-SEISMIC

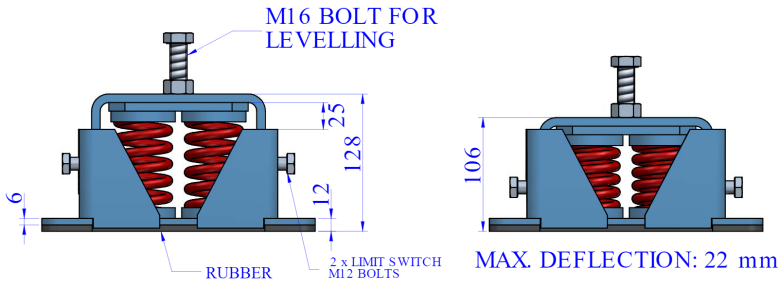


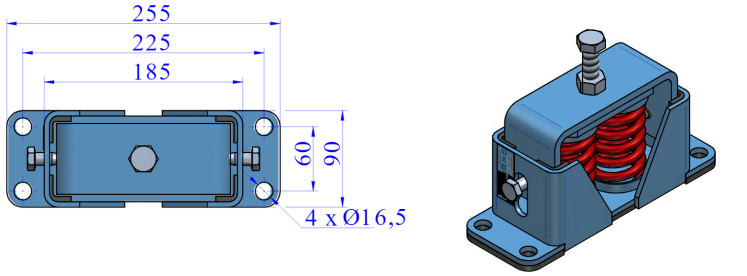
Type	Code	No. Springs	Spring color	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
2 AMC ANTI-SEISMIC	20529	2	YELLOW	882	0.87	185	11
	20494	2	PURPLE	1344	0.87	291	11
	20496	2	GREEN	1785	0.87	331	11
	20497	2	GREY	2380	0.87	509	11
	20498	2	WHITE	2698	0.87	567	11
	20500	2	RED	3540	0.87	784	12

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2 AMC ANTI-SEISMIC 4 Holes



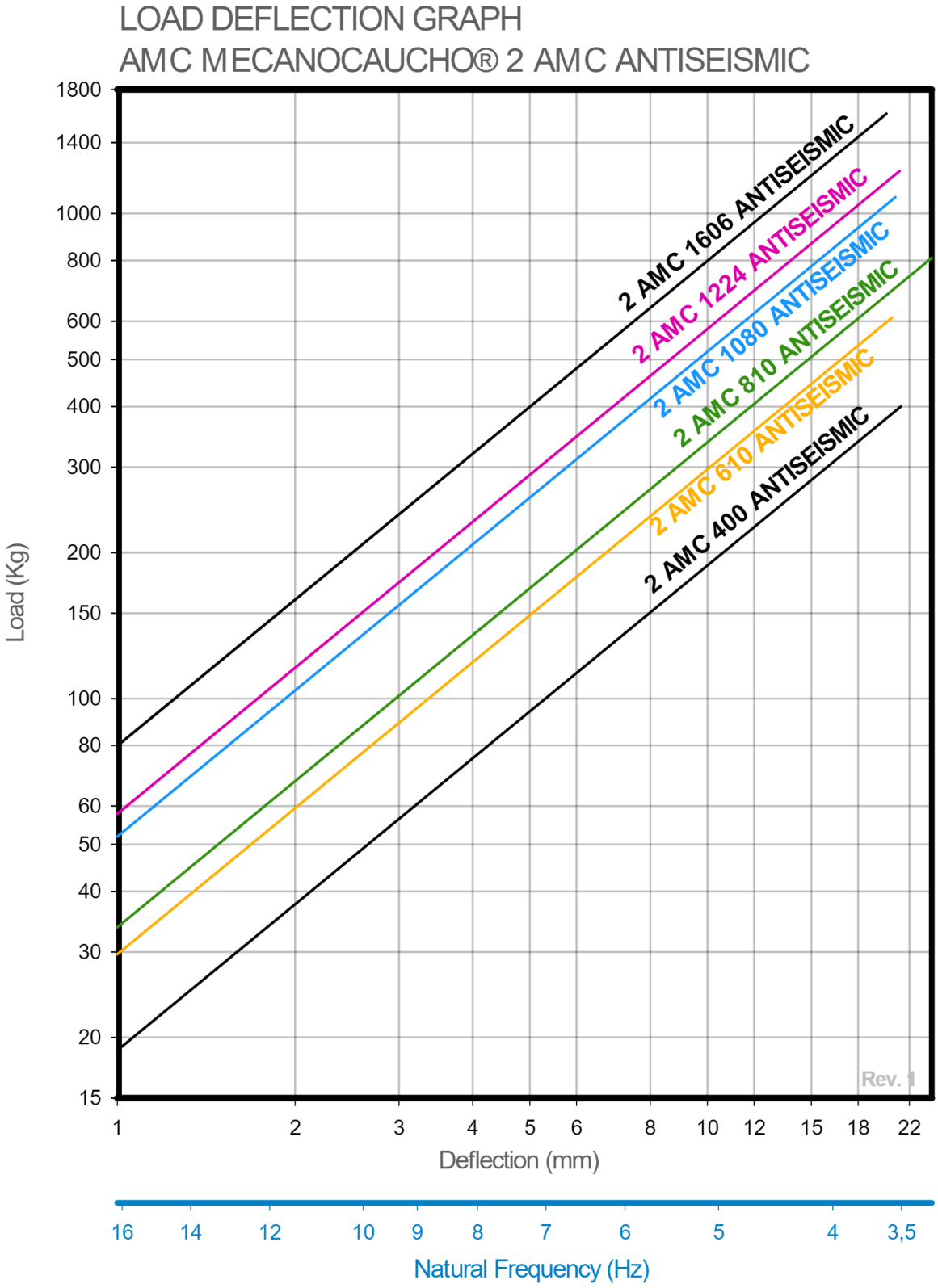


Type	Code	Spring color	No. Springs	Max. Load (lbs)	Deflection(in)	K(N/mm)	Weight(lbs)
2 AMC ANTI-SEISMIC 4 Holes	21518	YELLOW	2	882	0.87	185	12
	21519	PURPLE	2	1344	0.87	291	12
	21520	GREEN	2	1785	0.87	331	12
	21521	GREY	2	2380	0.87	509	12
	21522	WHITE	2	2698	0.87	567	12
	21523	RED	2	3540	0.87	784	12

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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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