1 AMC Anti-Seismic Spring Mounts

Anti-seismic spring mounts with integrated seismic restraints, designed to provide low-frequency vibration isolation and mechanical protection of equipment under seismic conditions.



AMC-MECANOCAUCHO® 1 AMC Anti-Seismic Spring Mounts combine **high-deflection steel springs** with an **integrated seismic restraint system** to provide both effective vibration isolation and mechanical protection of equipment under seismic conditions.

Under normal operating conditions, the springs allow the movement required for effective **low-frequency vibration isolation**. Under exceptional or seismic loads, the **seismic restraint system** limits excessive equipment movement and helps maintain its mechanical integrity.

The restraint system has been specifically designed to **withstand high dynamic loads** that may occur during a seismic event without compromising vibration isolation performance under normal operating conditions.

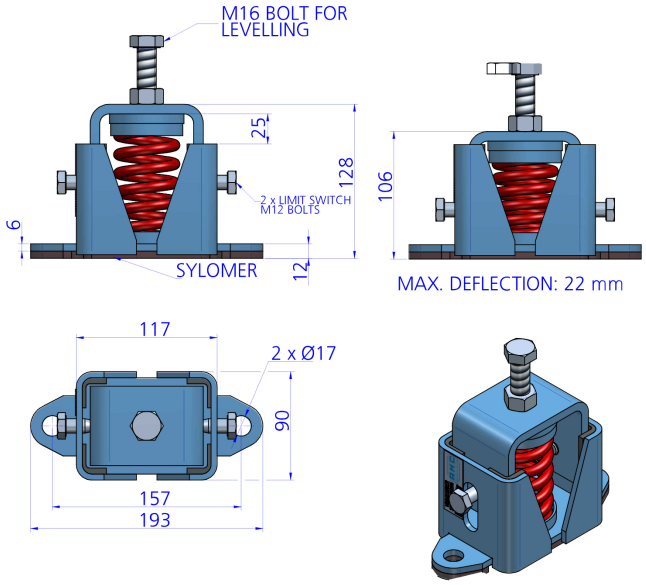
These spring mounts are particularly suitable for **equipment incorporating moving or rotating components**, including **fans, pumps, compressors, refrigeration units, generator sets and HVAC equipment**, where both low-frequency vibration isolation and mechanical protection in seismic zones are required.

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Drawings

1 AMC ANTI-SEISMIC + SYLOMER

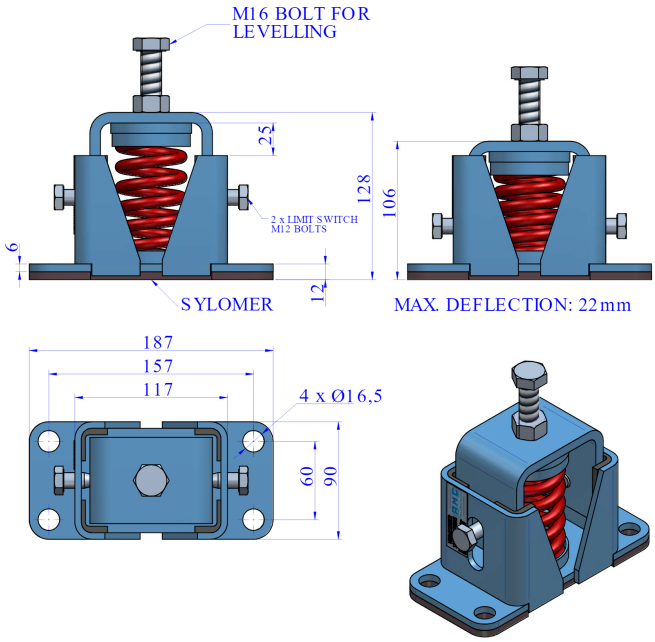


Type	Code	No. Springs	Spring color	Max.Load (kg)	Deflection(mm)	K(N/mm)	Weight(kg)
1 AMC ANTI-SEISMIC + SYLOMER	20338	1	YELLOW	200	22	92	3.4
	20413	1	PURPLE	305	22	146	3.5
	20377	1	GREEN	405	22	166	3.686
	20378	1	GREY	540	22	255	3.6
	20379	1	WHITE	612	22	278	3.7
	20380	1	RED	803	22	392	3.9

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1 AMC ANTI-SEISMIC + SYLOMER 4 Holes

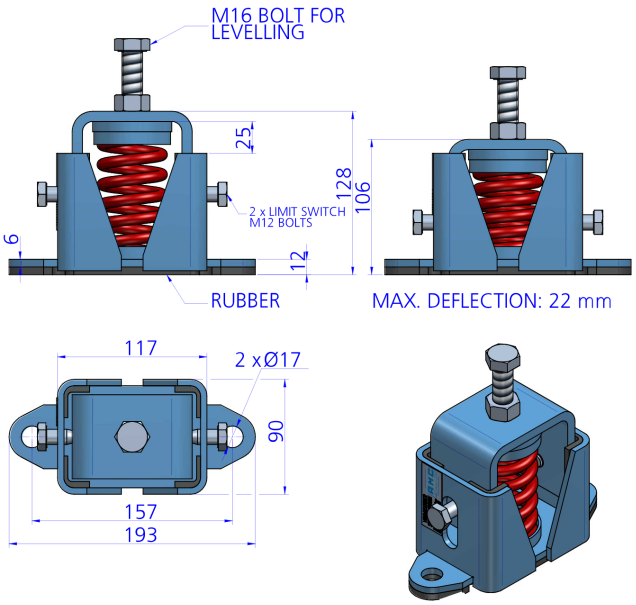


Type	Code	Spring color	Max.Load (kg)	No. Springs	Deflection(mm)	K(N/mm)	Weight(kg)
1 AMC ANTI-SEISMIC + SYLOMER 4 Holes	21500	YELLOW	200	1	22	92	3.652
	21501	PURPLE	305	1	22	146	3.652
	21502	GREEN	405	1	22	166	3.652
	21503	GREY	540	1	22	255	3.652
	21504	WHITE	612	1	22	278	3.652
	21505	RED	803	1	22	392	3.652

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1 AMC ANTI-SEISMIC

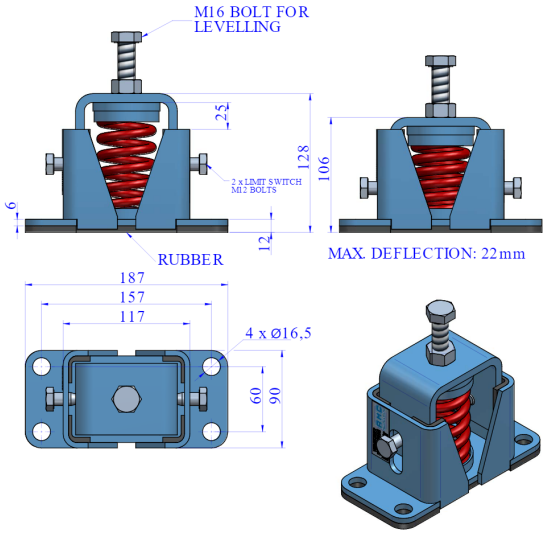


Type	Code	No. Springs	Spring color	Max.Load (kg)	Deflection(mm)	K(N/mm)	Weight(kg)
1 AMC ANTI-SEISMIC	20410	1	YELLOW	200	22	92	3.45
	20409	1	PURPLE	305	22	146	3.155
	20381	1	GREEN	405	22	166	3.204
	20382	1	GREY	540	22	255	3.318
	20383	1	WHITE	612	22	278	3.248
	20384	1	RED	803	22	392	3.414

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1 AMC ANTI-SEISMIC 4 Holes

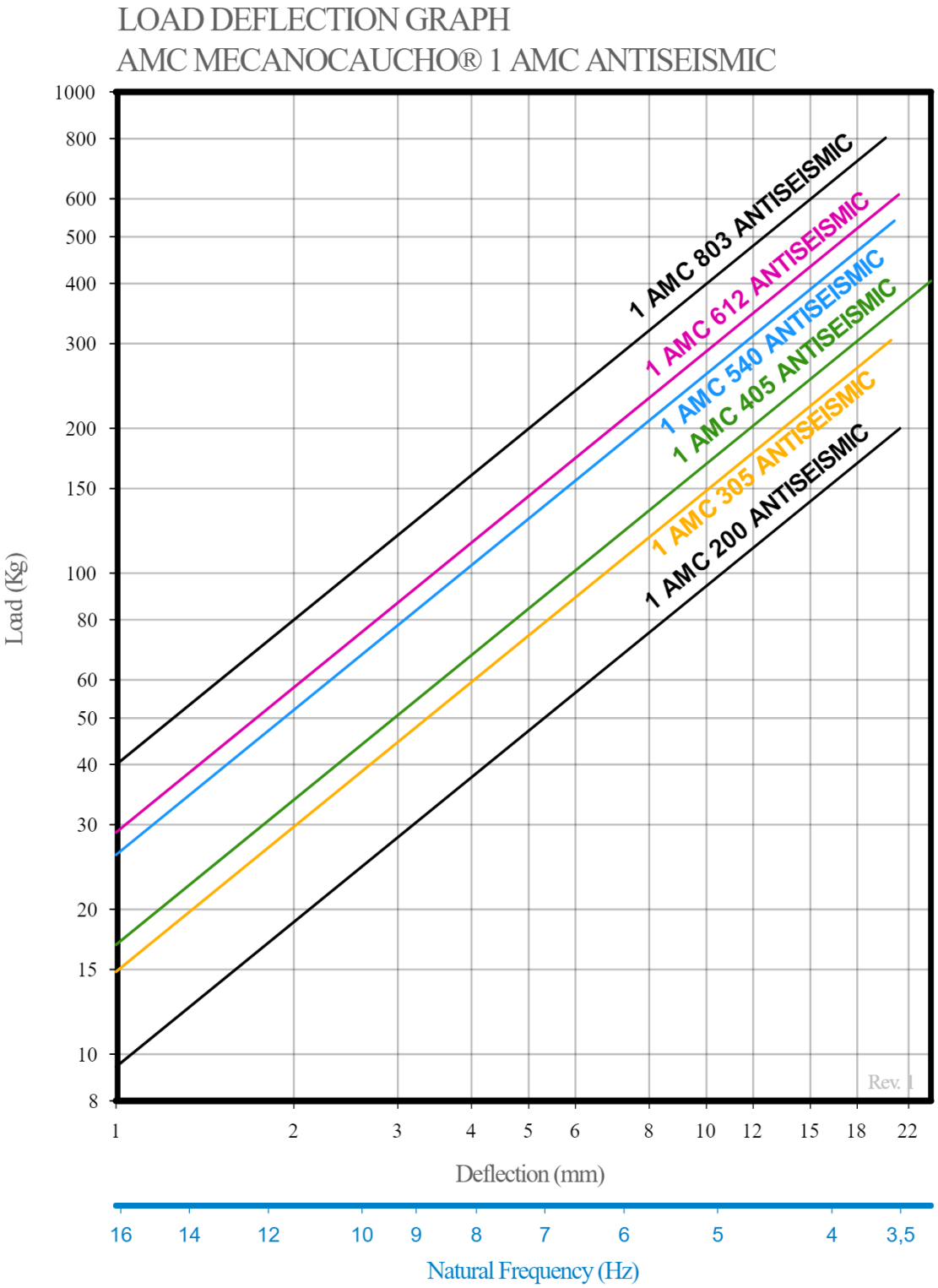


Type	Code	Spring color	Max.Load (kg)	No. Springs	Deflection(mm)	K(N/mm)	Weight(kg)
1 AMC ANTI-SEISMIC 4 Holes	21506	YELLOW	200	1	22	92	3.666
	21507	PURPLE	305	1	22	146	3.666
	21508	GREEN	405	1	22	166	3.666
	21509	GREY	540	1	22	255	3.666
	21510	WHITE	612	1	22	278	3.666
	21511	RED	803	1	22	392	3.666

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Elastic properties



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Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

Improved isolation

It offers improved isolation compared with 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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