2V-SH Anti-Seismic Spring Mount

Twin-spring anti-seismic spring mount with high static deflection, designed to achieve a natural frequency as low as 3 Hz and support higher loads.



The **AMC-MECANOCAUCHO® 2V-SH Anti-Seismic Spring Mount** is designed for equipment requiring **high load capacity and high-performance low-frequency vibration isolation**, combined with mechanical protection under seismic conditions.

With a **static deflection of up to 50 mm (2 inches)**, the springs can achieve **natural frequencies as low as 3 Hz**, providing effective isolation for low-speed equipment or machinery generating very low-frequency vibration.

Its **twin steel spring configuration** provides increased load capacity whilst maintaining the high deflection required for effective low-frequency vibration isolation.

A **Sylomer® layer** complements the action of the springs by reducing the transmission of **medium and high frequencies** that may propagate through the steel springs. The combination of **springs + Sylomer®** therefore provides effective vibration isolation over a wide frequency range.

The spring mount also incorporates an **integrated levelling system** and an **anti-slip rubber base**. Under exceptional or seismic loads, the **integrated seismic restraint system** limits excessive equipment movement whilst allowing the movement required for effective vibration isolation under normal operating conditions.

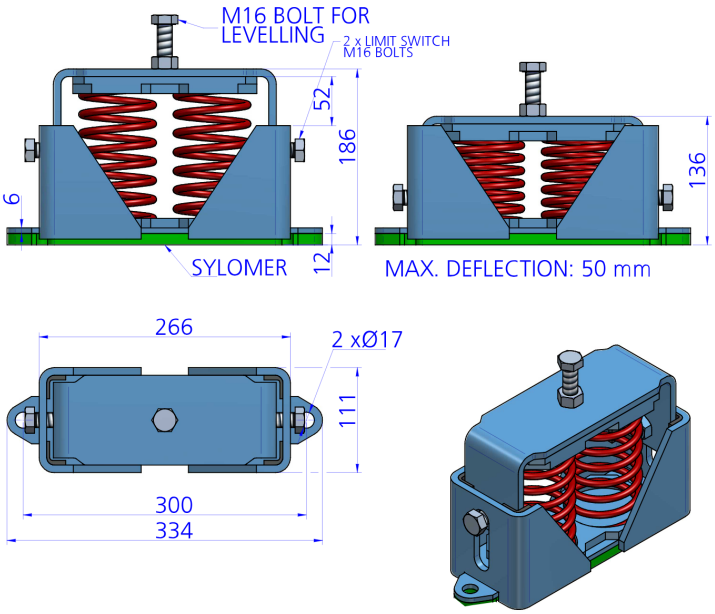
The 2V-SH range is particularly suitable for **HVAC equipment, refrigeration units, air handling units, pumps, fans, compressors, generator sets and other heavy technical equipment**.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

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Drawings

2V-SH ANTI SEISMIC + SYLOMER

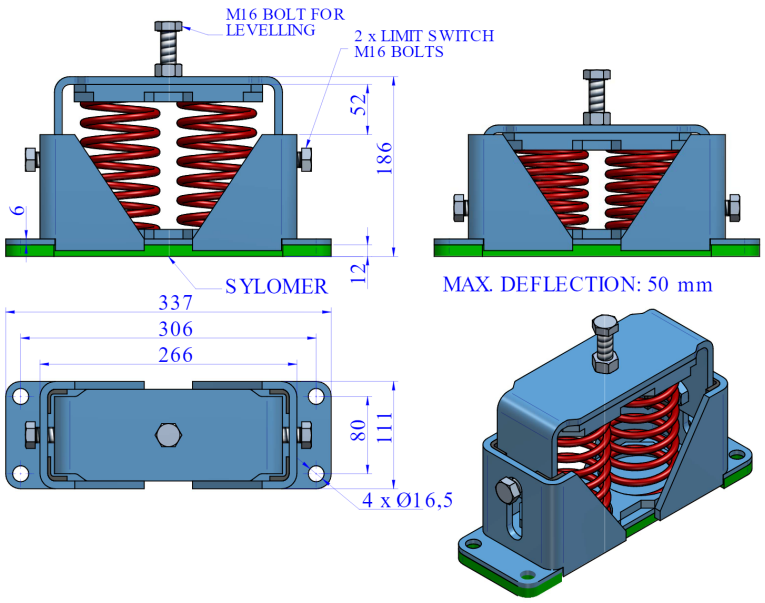


Type	Code	Spring color	Max. Load(kg)	K(N/mm)	Weight(kg)
2V-SH ANTI SEISMIC + SYLOMER	20587	BLUE	134	27	10.423
	20588	WHITE	190	37	10.537
	20589	BLACK	246	50	10.648
	20590	BEIGE	346	69	10.648
	20591	RED	446	86	11.507
	20592	GREY	670	137	11.909
	20593	GREEN	892	176	12.441
	20594	BROWN	1400	301	12.441

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2V-SH ANTI SEISMIC + SYLOMER 4 Holes

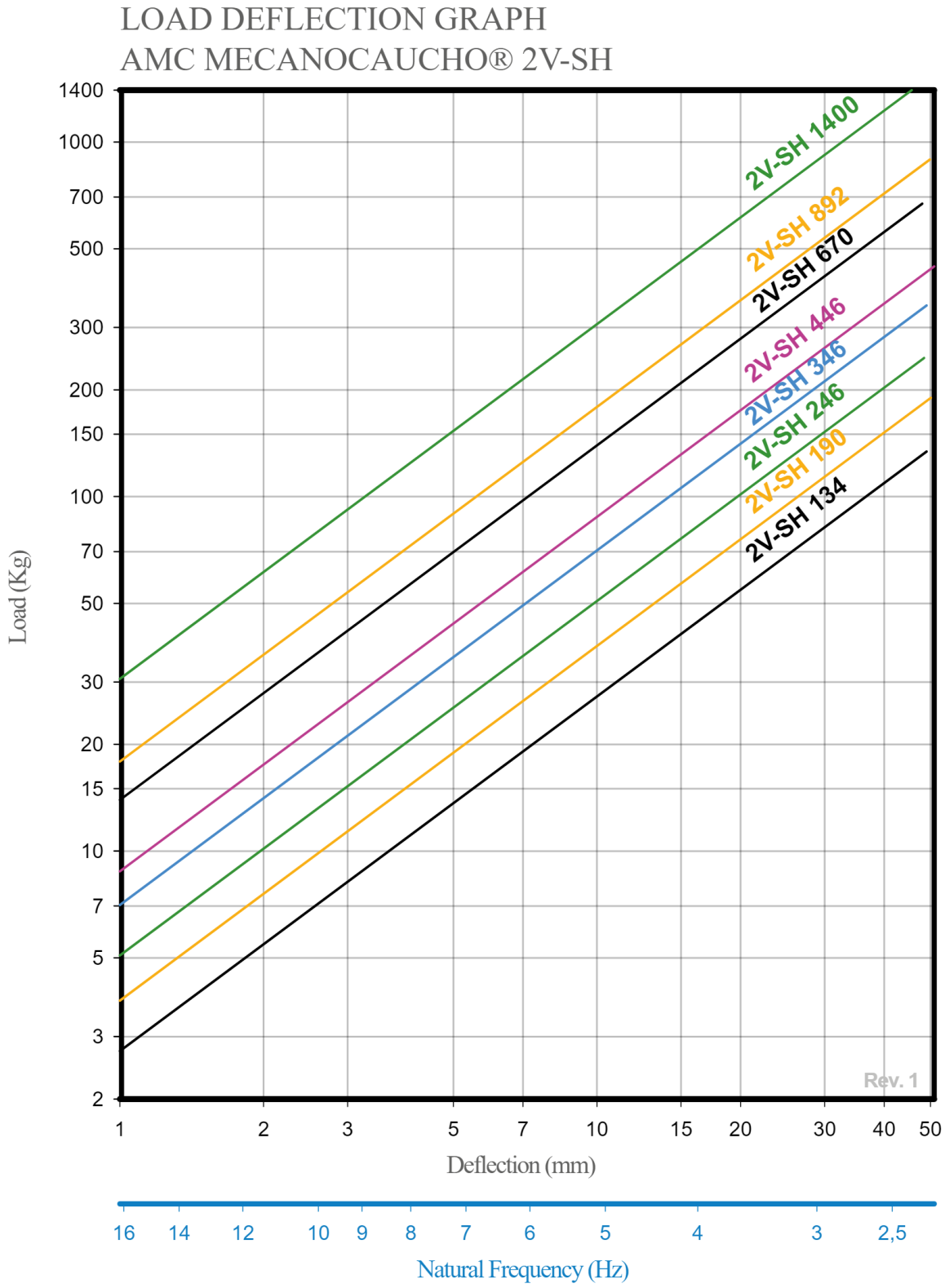


Type	Code	Spring color	Max. Load(kg)	K(N/mm)	Weight(kg)
2V-SH ANTI SEISMIC + SYLOMER 4 Holes	21576	BLUE	134	27	10.907
	21577	WHITE	190	37	11
	21578	BLACK	246	50	11.067
	21579	BEIGE	346	69	11.247
	21580	RED	446	86	12.167
	21581	GREY	670	137	12.587
	21582	GREEN	892	176	12.987
	21583	BROWN	1400	301	12.987

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Elastic properties



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Technical characteristics

The mounts are able to reach low natural frequencies from 2 to 5 Hz. The spring combined with sylomer® is able to provide high isolation at low and medium frequencies.

The curves are showing the deflection and natural frequencies according to the load of the spring. Temperature working range from -30 to 70º. Short term higher temperatures are possible.

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.

Incorporates Sylomer® elastomer, highly effective for isolating both high and low frequencies

Sylomer® provides high isolation across a wide frequency range and is particularly effective at high frequencies, effectively eliminating the transmission of structure-borne noise.

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