9V-SH Anti-Seismic Spring Mount

Nine-spring anti-seismic spring mount with static deflection up to 50 mm (2 inches) and a natural frequency as low as 3 Hz, designed for high loads.



The **AMC-MECANOCAUCHO® 9V-SH Anti-Seismic Spring Mount** is designed for equipment requiring **high load capacity, high-performance low-frequency vibration isolation and 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 **nine steel spring configuration** provides high load capacity whilst maintaining the large deflection required for effective low-frequency vibration isolation.

An **integrated levelling system** facilitates equipment adjustment. A **Sylomer® layer beneath the spring mount** also helps reduce the transmission of **medium and high frequencies** that may propagate through the steel springs.

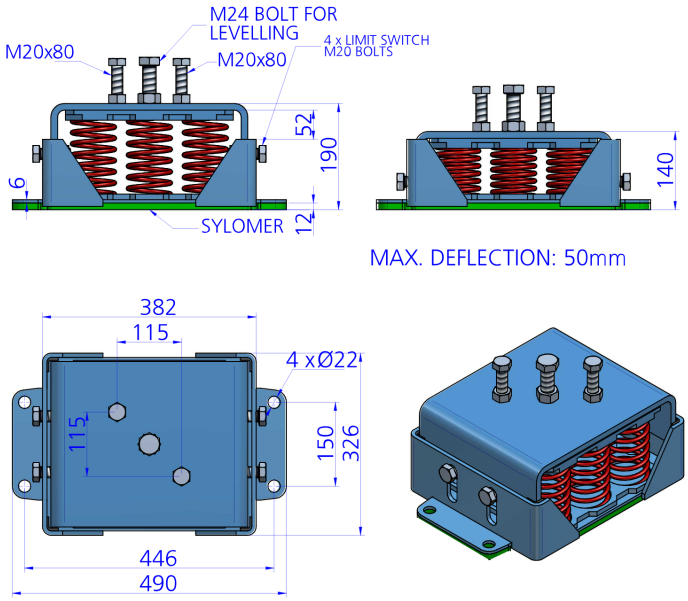
The **integrated seismic restraint system** limits excessive equipment movement under seismic loads whilst allowing the movement required for effective vibration isolation during normal operation.

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Drawings

9V-SH ANTI SEISMIC + SYLOMER

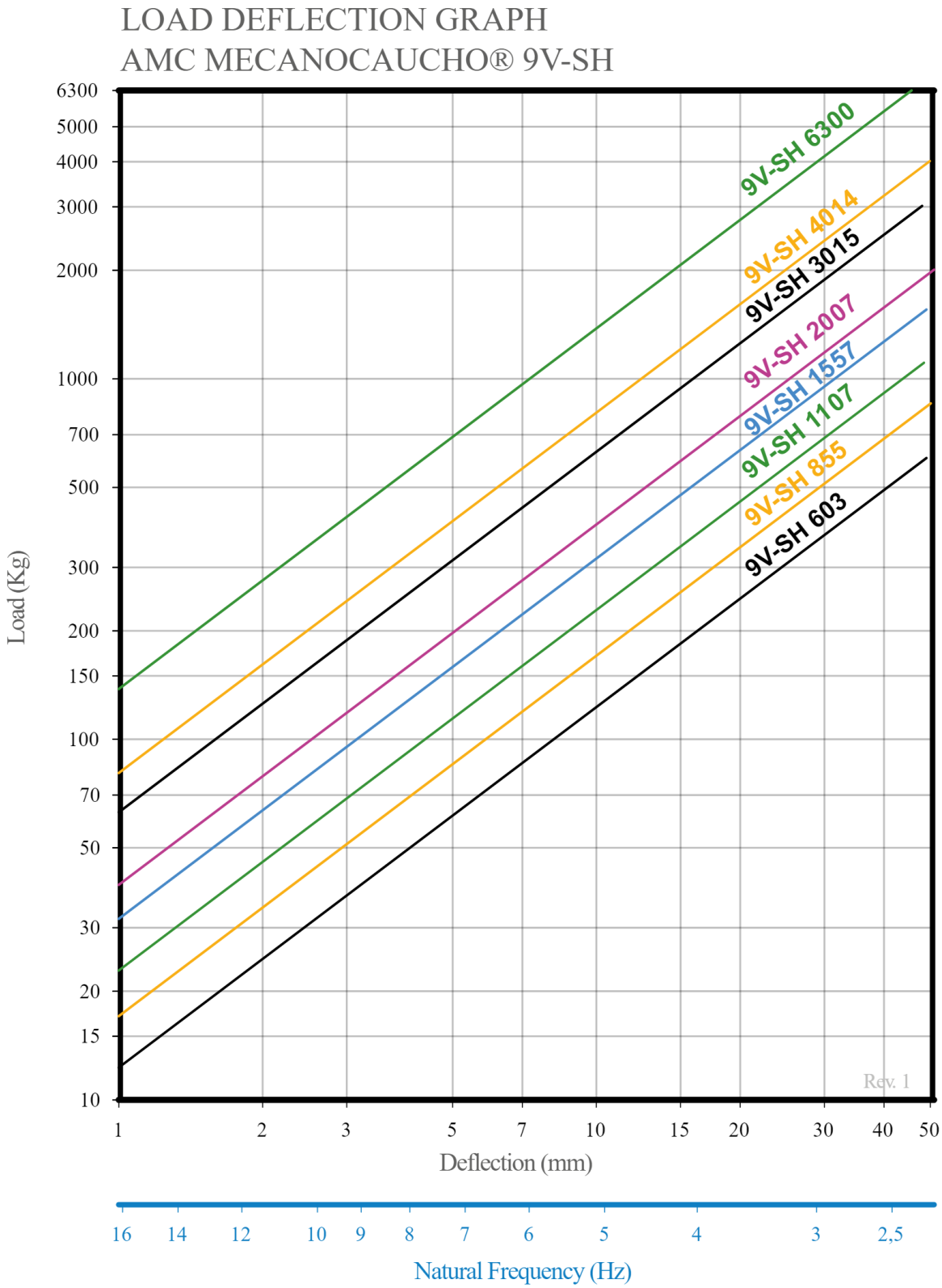


Type	Code	Spring color	Max. Load(kg)	K(N/mm)	Weight(kg)
9V-SH ANTI SEISMIC + SYLOMER	20887	BLUE	603	121	46.273
	20888	WHITE	855	167	46.786
	20889	BLACK	1107	224	47.002
	20890	BEIGE	1557	311	47.812
	20891	RED	2007	387	51.151
	20892	GREY	3015	616	52.96
	20893	GREEN	4014	790	55.354
	20900	BROWN	6300	1353	55.354

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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.

IncorporatesSylomer® 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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