9V-SR Spring Mount

High-capacity spring mount with Sylomer® base, offering up to 30 mm (1.2 in) static deflection and a natural frequency as low as 4 Hz.



The **AMC-MECANOCAUCHO® 9V-SR Spring Mount** is designed for the **vibration isolation of machinery and equipment with high loads**, requiring a low natural frequency and effective low-frequency vibration isolation.

With a **static deflection of up to 30 mm (1.2 in)**, the springs provide **natural frequencies as low as 4 Hz**, ensuring effective low-frequency vibration isolation.

An **integrated levelling system** facilitates height adjustment and accurate levelling of the equipment during installation.

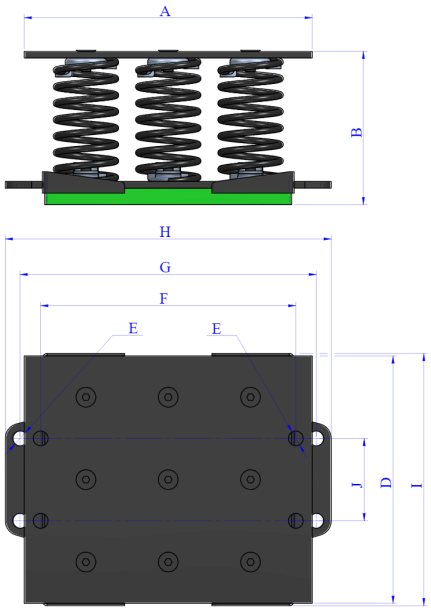
The 9V-SR Spring Mount is supplied as standard with a **Sylomer® base**, which complements the action of the springs by reducing the transmission of **mid and high frequencies that may propagate through the steel springs**. The **springs + Sylomer® combination** therefore provides effective vibration isolation over a broader frequency range.

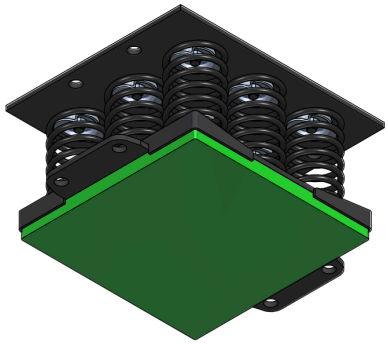
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Drawings

9V-SR



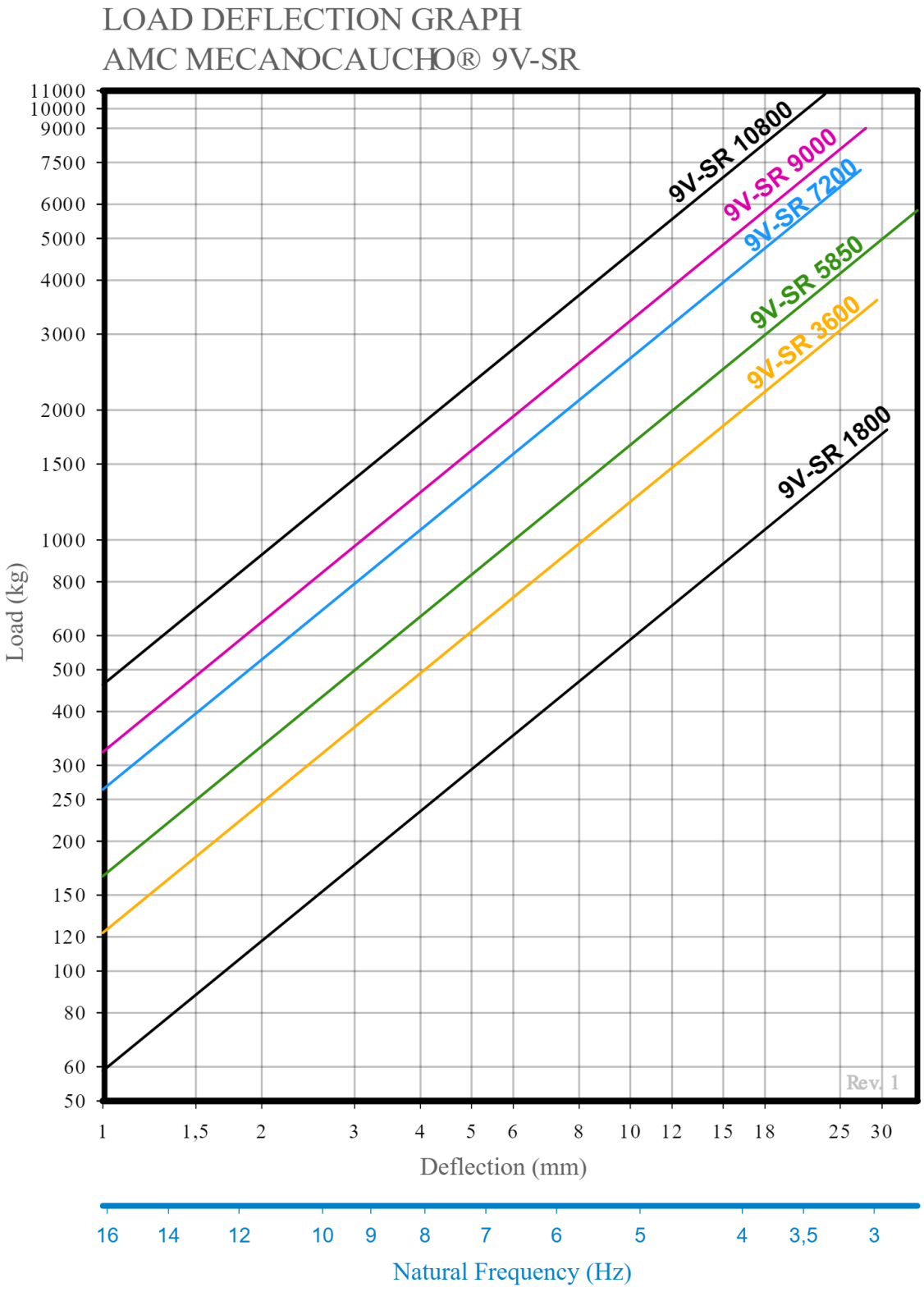


Type	Code	Max. Load (kg)	Spring color	K(N/mm)	A(mm)	B(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)	Weight(kg)
9V-SR	21332	1800	BLACK	576	350	180	300	18	310	360	396	306	100	28.022
	21333	3600	BLACK	1203	350	180	300	18	310	360	396	306	100	19.75
	21111	5850	BLACK	1629	350	180	300	18	310	360	396	306	100	19.75
	21112	7200	BLACK	2587	350	180	300	18	310	360	396	306	100	19.9
	21113	9000	BLACK	3160	350	180	300	18	310	360	396	306	100	21.73
	21114	10800	BLACK	4530	350	180	300	18	310	360	396	306	100	22.174

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Elastic properties



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Technical characteristics

The mounts are able to reach low natural frequencies from 3 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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