5V-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® 5V-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.

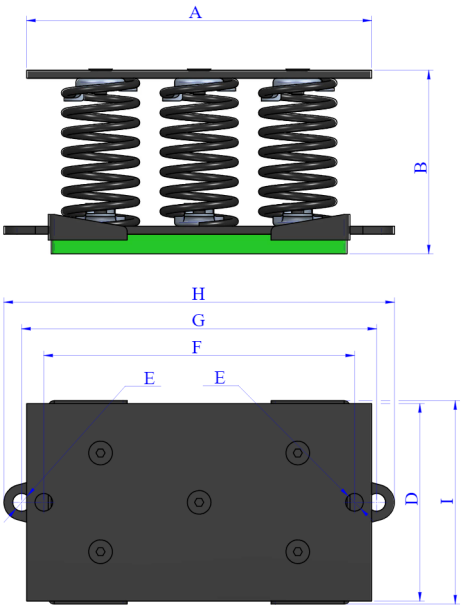
The 5V-SR Spring Mount is supplied as standard with a **Sylomer® base**, which complements the action of the springs by reducing the transmission of **mid and high frequencies that may propagate through the steel springs**. The **springs + Sylomer® combination** therefore provides effective vibration isolation over a broader frequency range.

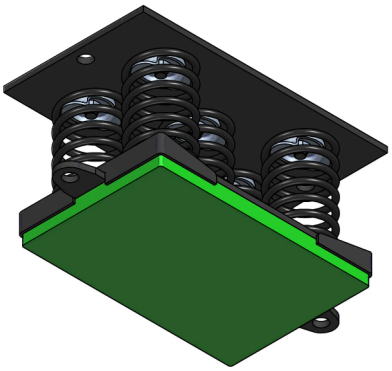
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Drawings

5V-SR



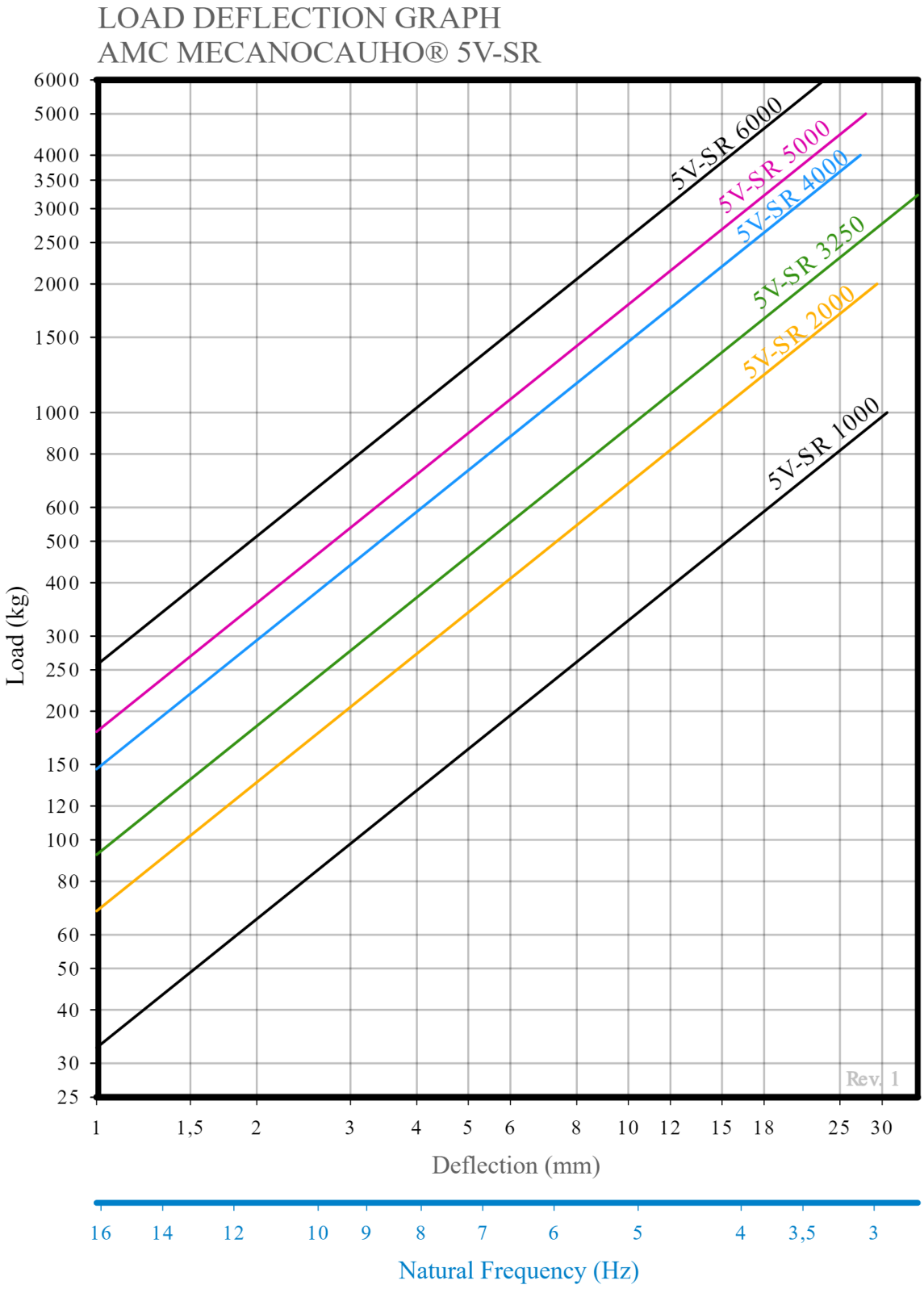


Type	Code	Max. Load (kg)	Spring color	K(N/mm)	A(mm)	B(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	Weight(kg)
5V-SR	21328	1000	BLACK	320	350	180	200	18	315	360	396	206	16.889
	21329	2000	BLACK	668	350	180	200	18	315	360	396	206	14.2
	21091	3250	BLACK	905	350	180	200	18	315	360	396	206	17.97
	21092	4000	BLACK	1437	350	180	200	18	315	360	396	206	18.095
	21093	5000	BLACK	1756	350	180	200	18	315	360	396	206	19.62
	21094	6000	BLACK	2516	350	180	200	18	315	360	396	206	19.99

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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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