9V-SH Spring Mount

Open high-deflection spring mount for very low-frequency vibration isolation. Static deflection up to 50 mm (2 inches) and natural frequencies as low as 3 Hz.



The **AMC-MECANOCAUCHO® 9V-SH spring mount** is designed for applications requiring **very low-frequency vibration isolation** and high load capacity.

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

Its open design provides **no lateral restraint**, so particular attention must be paid to **equipment stability and the position of its centre of gravity**.

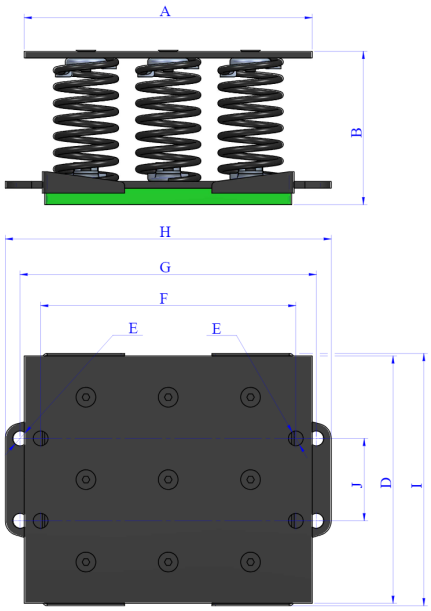
The spring mount incorporates a **levelling system** and a **Sylomer® pad**, complementing the action of the springs by improving vibration isolation at medium and high frequencies.

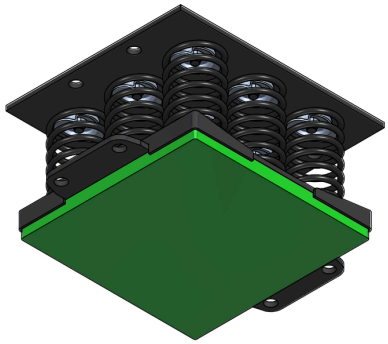
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Drawings

9V-SH



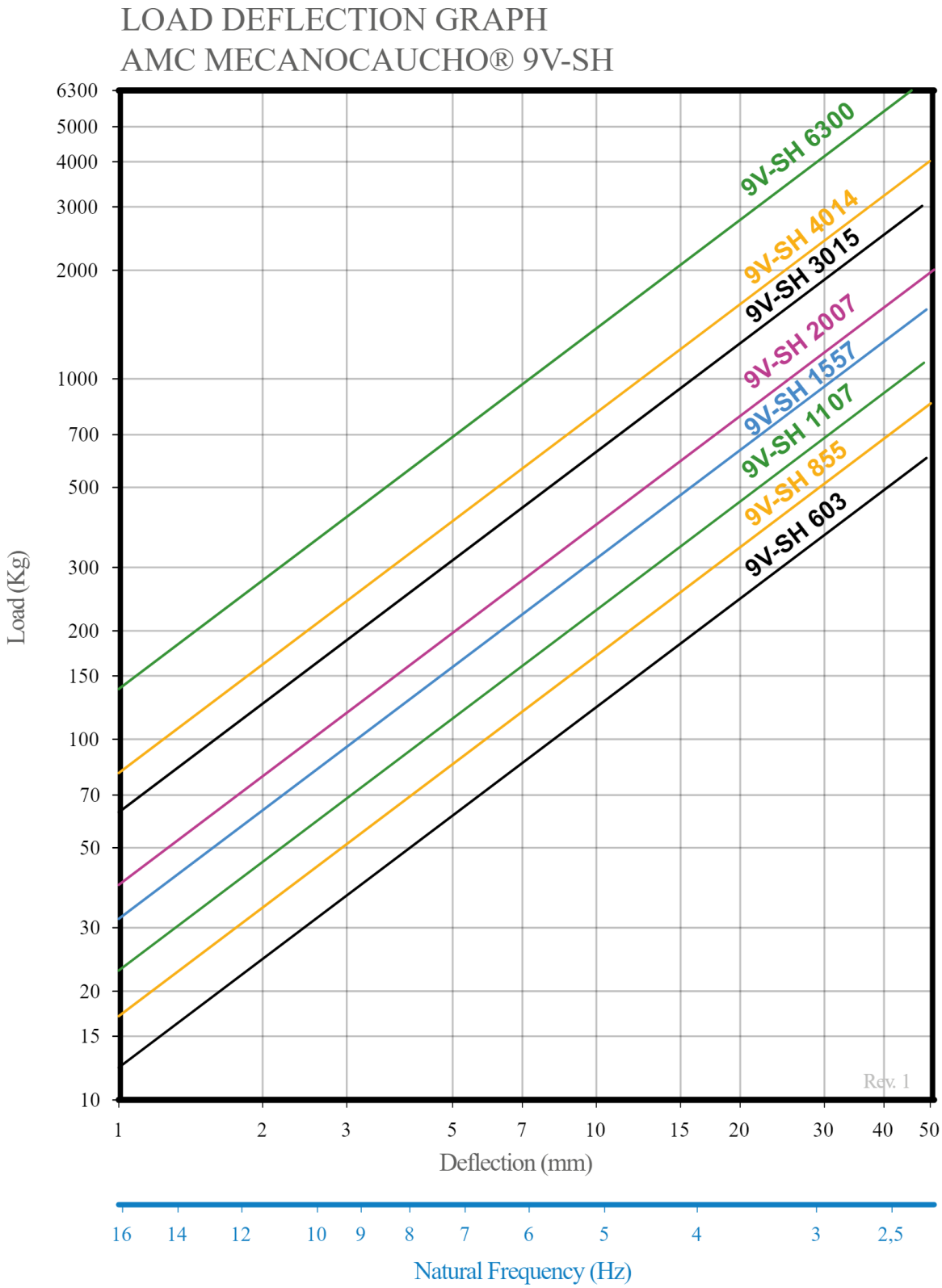


Type	Code	Spring color	Max. Load (kg)	K(N/mm)	A(mm)	B(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)	Weight(kg)
9V-SH	21060	BLUE	603	121	350	180	300	18	310	360	396	306	100	21.176
	21061	WHITE	855	167	350	180	300	18	310	360	396	306	100	21.689
	21062	BLACK	1107	224	350	180	300	18	310	360	396	306	100	21.905
	21063	BEIGE	1557	311	350	180	300	18	310	360	396	306	100	22.715
	21064	RED	2007	387	350	180	300	18	310	360	396	306	100	26.054
	21065	GREY	3015	616	350	180	300	18	310	360	396	306	100	27.863
	21066	GREEN	4014	790	350	180	300	18	310	360	396	306	100	30.257
	21069	BROWN	6300	1353	350	180	300	18	310	360	396	306	100	30.257

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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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