9V-SH Spring Isolator

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



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

With a **static deflection of up to 2 inches (50 mm)**, 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 center of gravity**.

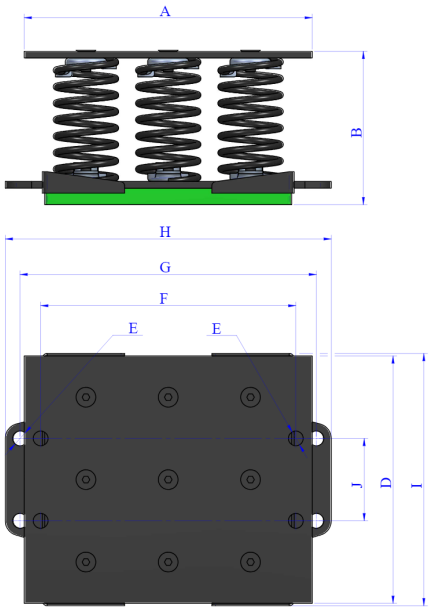
The spring isolator incorporates a **leveling system** and a **Sylomer® pad**, complementing the action of the springs by improving vibration isolation at medium and high frequencies.

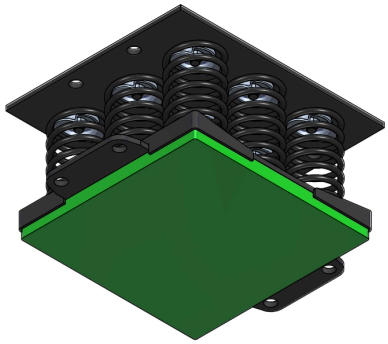
AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
Document generated on 15/11/2026.

Drawings

9V-SH



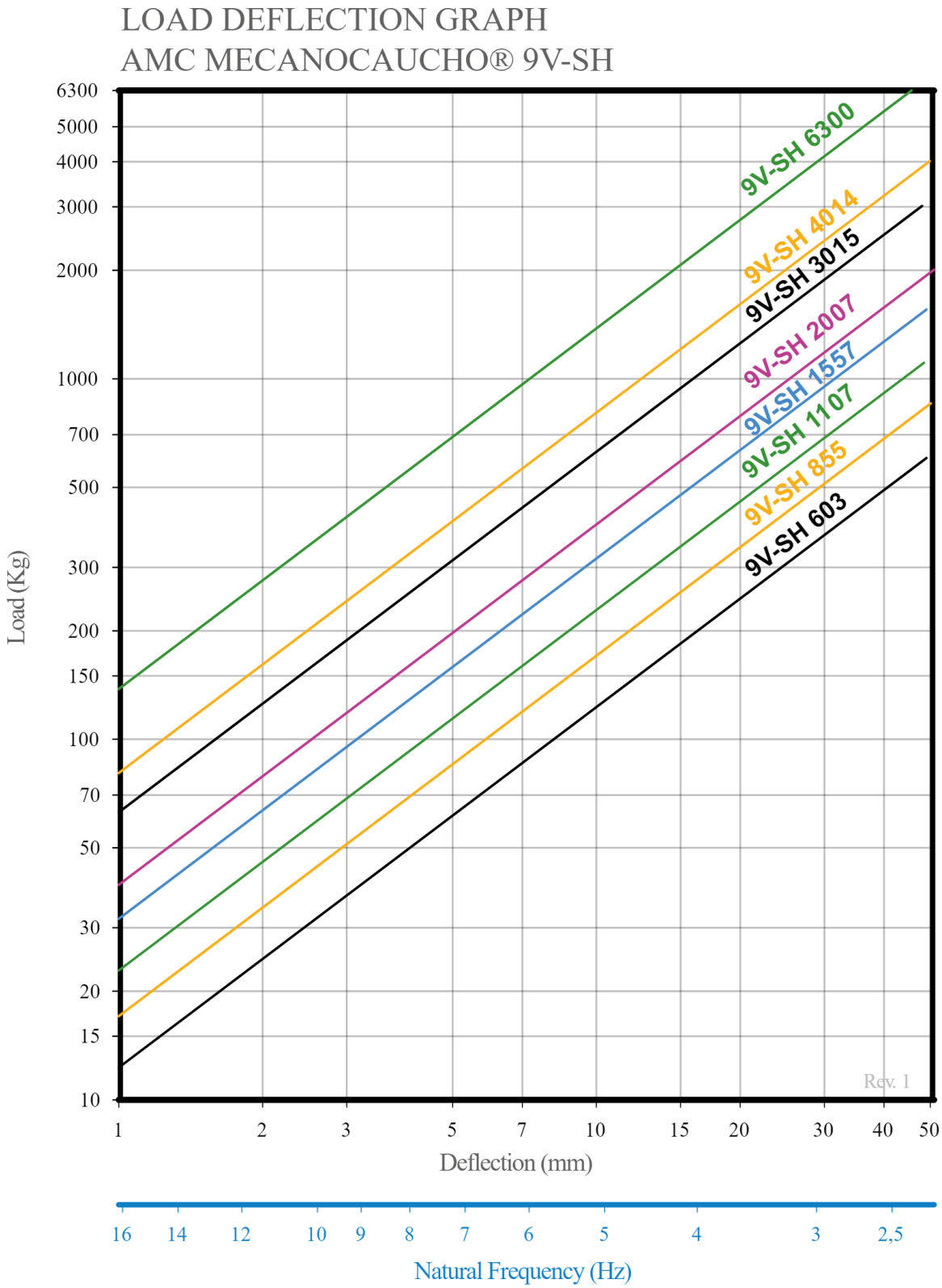


Type	Code	Spring color	Max. Load (lbs)	K(N/mm)	A(in)	B(in)	D(in)	E(in)	F(in)	G(in)	H(in)	I(in)	J(in)	Weight(lbs)
9V-SH	21060	BLUE	1329	121	13.78	7.09	11.81	0.71	12.2	14.17	15.59	12.05	3.94	47
	21061	WHITE	1884	167	13.78	7.09	11.81	0.71	12.2	14.17	15.59	12.05	3.94	48
	21062	BLACK	2440	224	13.78	7.09	11.81	0.71	12.2	14.17	15.59	12.05	3.94	48
	21063	BEIGE	3432	311	13.78	7.09	11.81	0.71	12.2	14.17	15.59	12.05	3.94	50
	21064	RED	4423	387	13.78	7.09	11.81	0.71	12.2	14.17	15.59	12.05	3.94	57
	21065	GREY	6645	616	13.78	7.09	11.81	0.71	12.2	14.17	15.59	12.05	3.94	61
	21066	GREEN	8847	790	13.78	7.09	11.81	0.71	12.2	14.17	15.59	12.05	3.94	67
	21069	BROWN	13885	1353	13.78	7.09	11.81	0.71	12.2	14.17	15.59	12.05	3.94	67

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

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
Document generated on 15/11/2026.

Elastic properties



AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain

Tel.: +34 843 74 00 13

sales@amcsa.es

www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
Document generated on 15/11/2026.

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 no major modifications to the structure for installation.

Improved isolation

It offers improved isolation compared to 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.

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

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.