2V-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® 2V-SH spring mount** is designed for applications requiring **very low-frequency vibration isolation** and higher 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**.

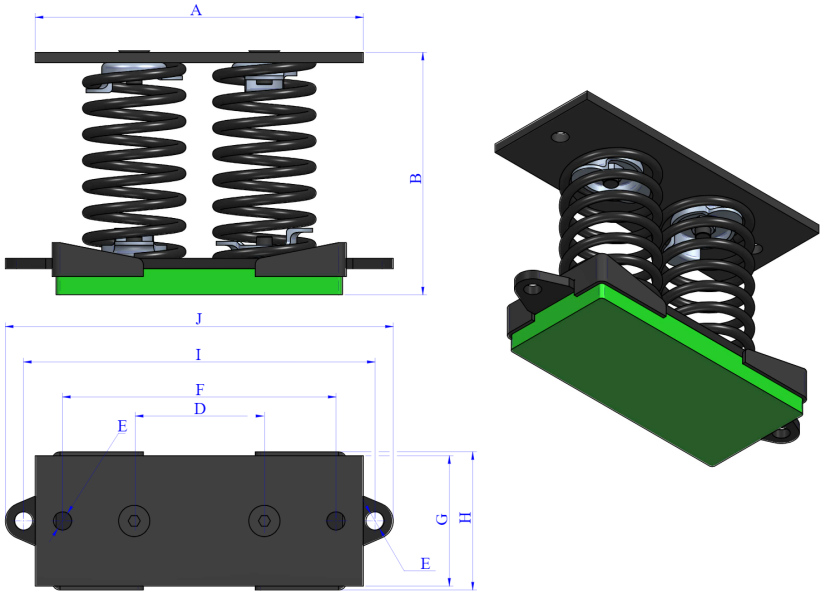
The spring mount incorporates a **levelling system** and a **Sylomer® pad**, complementing the action of the springs by improving vibration isolation at medium and high frequencies.

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 catalogue without prior notice.
Document generated on 16/11/2026.

Drawings

2V-SH

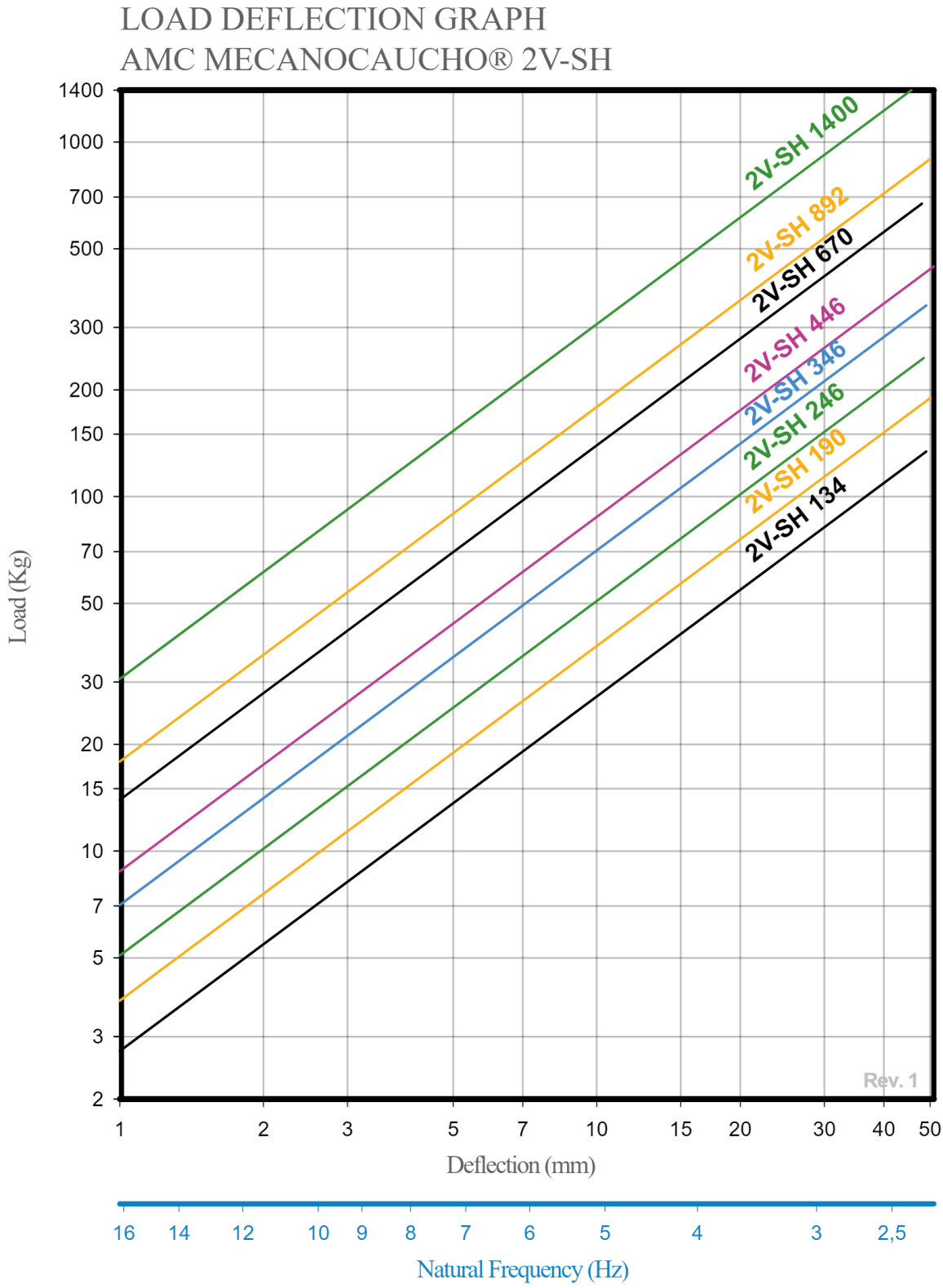


Type	Code	Spring color	Max. Load (kg)	K(N/mm)	A(mm)	B(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)	Weight(kg)
2V-SH	20405	BLUE	134	27	250	180	100	14	210	100	106	270	298	4.85
	21010	WHITE	190	37	250	180	100	14	210	100	106	270	298	4.85
	20406	BLACK	226	50	250	180	100	14	210	100	106	270	298	5.25
	21011	BEIGE	346	69	250	180	100	14	210	100	106	270	298	4.85
	20407	RED	446	86	250	180	100	14	210	100	106	270	298	5.85
	21012	GREY	670	137	250	180	100	14	210	100	106	270	298	4.85
	20408	GREEN	892	176	250	180	100	14	210	100	106	270	298	6.91
	21015	BROWN	1400	301	250	180	100	14	210	100	106	270	298	7.3

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 catalogue without prior notice.
Document generated on 16/11/2026.

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 catalogue without prior notice.
Document generated on 16/11/2026.

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 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.

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 catalogue without prior notice.
Document generated on 16/11/2026.