1V-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® 1V-SH spring mount** is designed for applications requiring **very low-frequency vibration isolation**.

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

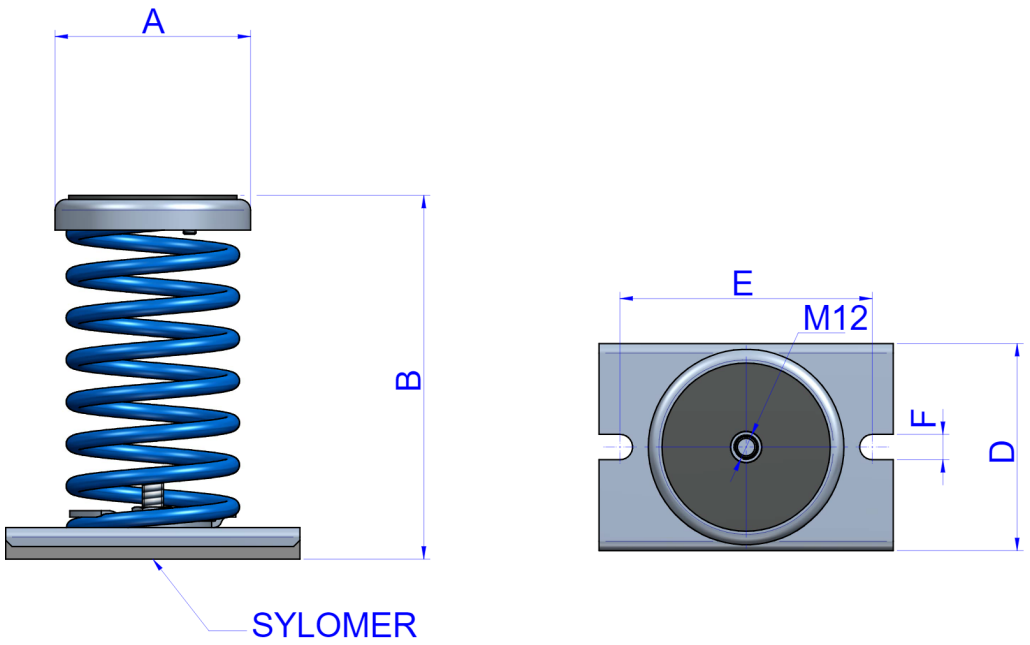
The spring mount incorporates a **levelling system** and a **Sylomer® pad**, complementing the action of the spring by improving vibration isolation at medium and high frequencies.

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

1V-SH

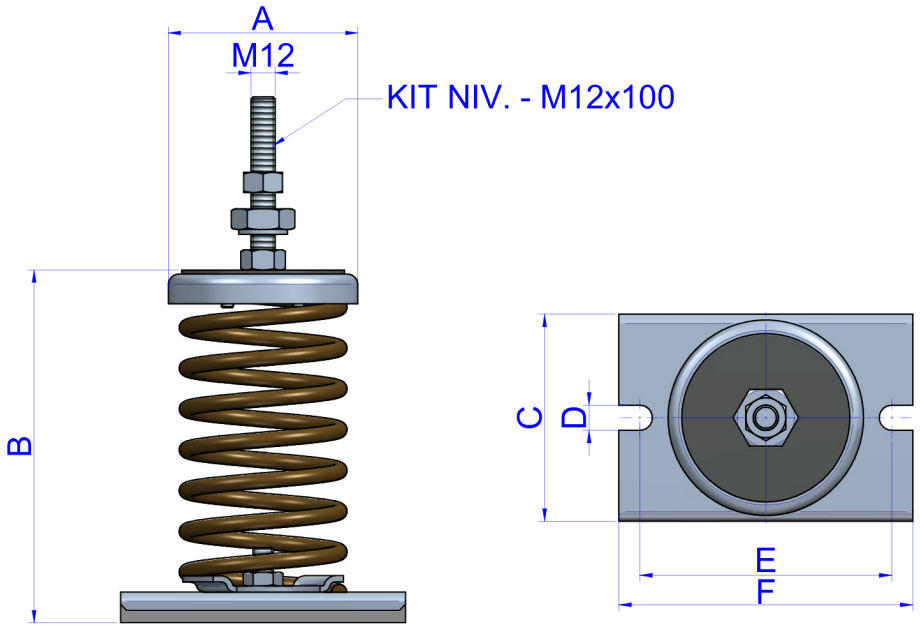


Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	Code	Max. Load (kg)	Spring color	K(N/mm)	Weight(kg)
1V-SH	93	173	M12	98,5	120	12	21001	67	BLUE	13	1.616
							21002	95	WHITE	19	1.668
							21003	123	BLACK	25	1.694
							21004	173	BEIGE	35	1.786
							21005	223	RED	43	2.154
							21006	335	GREY	68	2.327
							21007	446	GREEN	88	2.628
							20462	700	BROWN	150	2.628

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.

1V-SH Kit Niv.

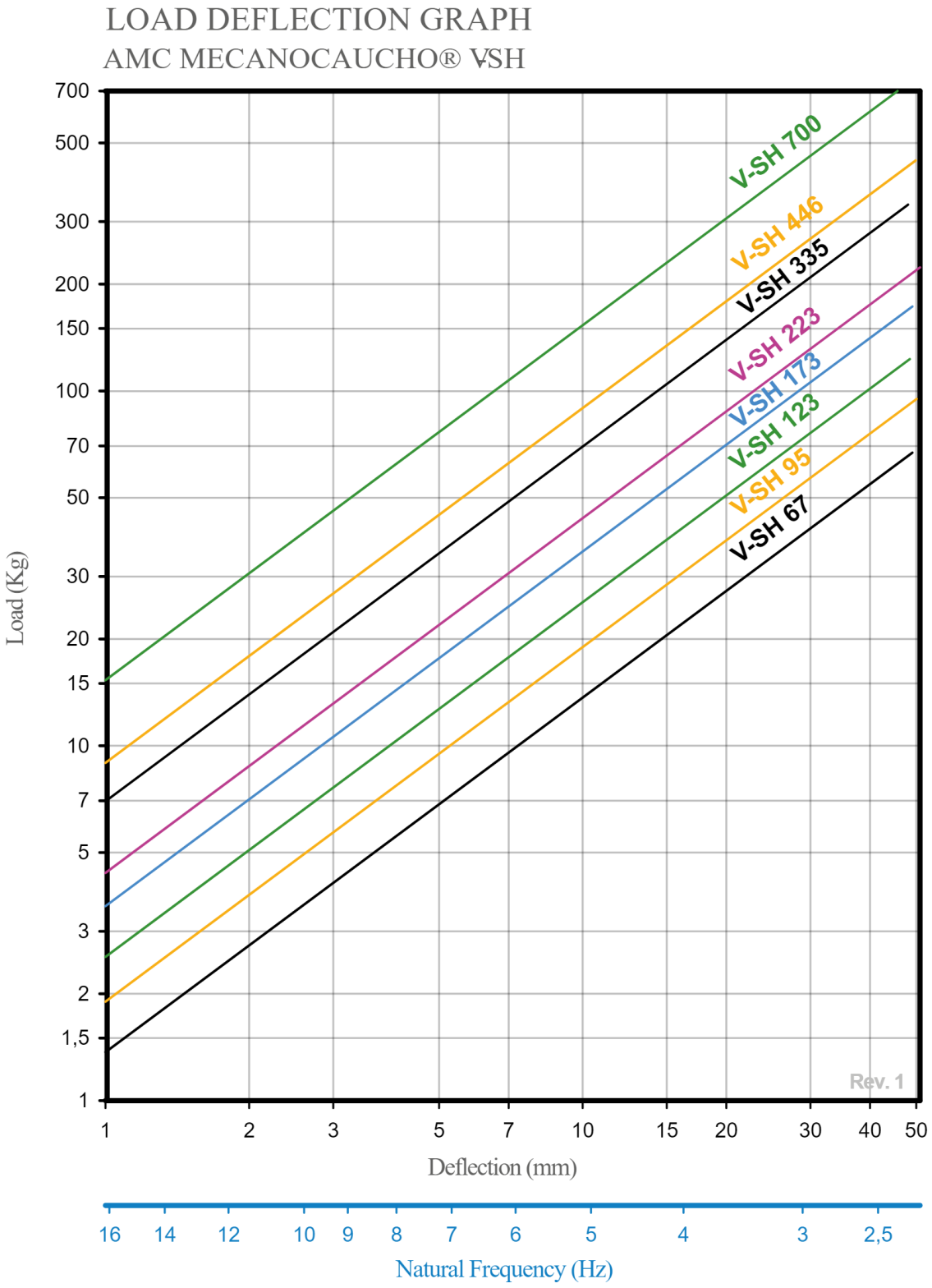


Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	Weight(kg)	Code	Max. Load(kg)	Spring color
1V-SH Kit Niv.	93	173	98,5	12	120	140	1,713	21231	67	BLUE
								21232	95	WHITE
								21233	123	BLACK
								21234	173	BEIGE
								21235	223	RED
								21236	335	GREY
								21237	446	GREEN
								21238	700	BROWN

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.