1V-SR DB Spring Mount

Spring mount with double Sylomer® isolation, offering up to 30 mm (1.2 in) static deflection and a natural frequency as low as 4 Hz, without rigid mechanical fixing.



The **AMC-MECANOCAUCHO® 1V-SR DB Spring Mount** is designed for **low-frequency vibration isolation** of machinery and equipment where installation without rigid mechanical fixing is required.

With a **static deflection of up to 30 mm (1.2 in)**, the spring provides a **natural frequency as low as 4 Hz**, ensuring effective low-frequency vibration isolation.

The **DB configuration incorporates Sylomer® on both the upper and lower surfaces of the Spring Mount**. This double elastic decoupling prevents direct metal-to-metal contact with the equipment and supporting structure, whilst reducing the transmission of **mid and high frequencies that may propagate through the steel spring**.

The combination of **spring + double Sylomer® isolation** therefore provides effective vibration isolation over a **broad frequency range**, whilst allowing straightforward installation by direct support.

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

Tel.: +34 843 74 00 13

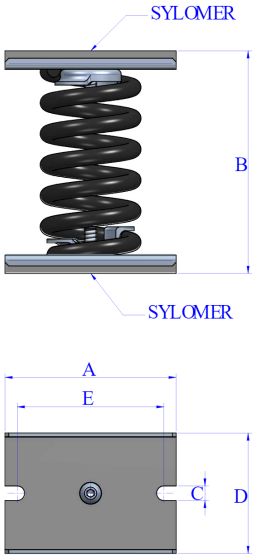
sales@amcsa.es

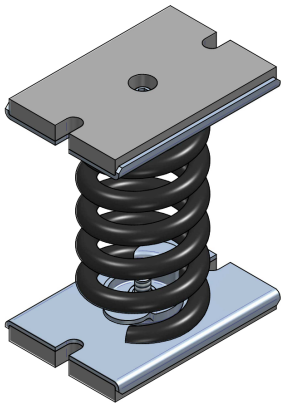
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Drawings

V-SR-DB

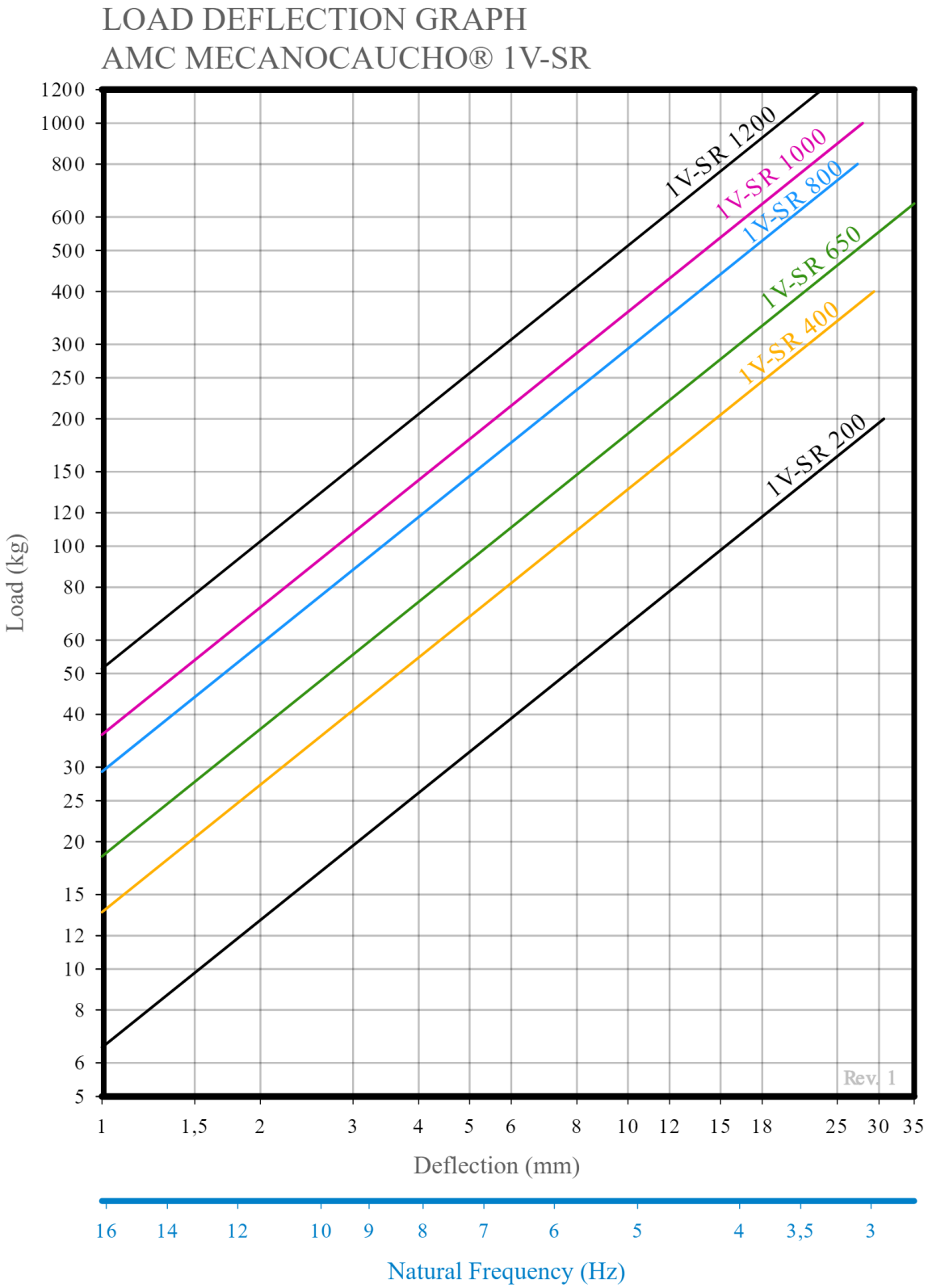




Type	Code	Spring color	Max. Load(kg)	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	Weight(kg)
V-SR-DB	20557	BLACK	200	64	140	182	12	98,5	120	1.55
	20558	BLACK	400	134	140	182	12	98,5	120	1.9
	20403	BLACK	650	181	140	182	12	98,5	120	2.3
	20458	BLACK	800	267	140	182	12	98,5	120	2.6
	20662	BLACK	1000	351	140	182	12	98,5	120	3
	20559	BLACK	1200	503	140	182	12	98,5	120	3.11

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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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