

3V-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® 3V-SH spring mount** is designed for applications requiring **very low-frequency vibration isolation** and high load capacity.

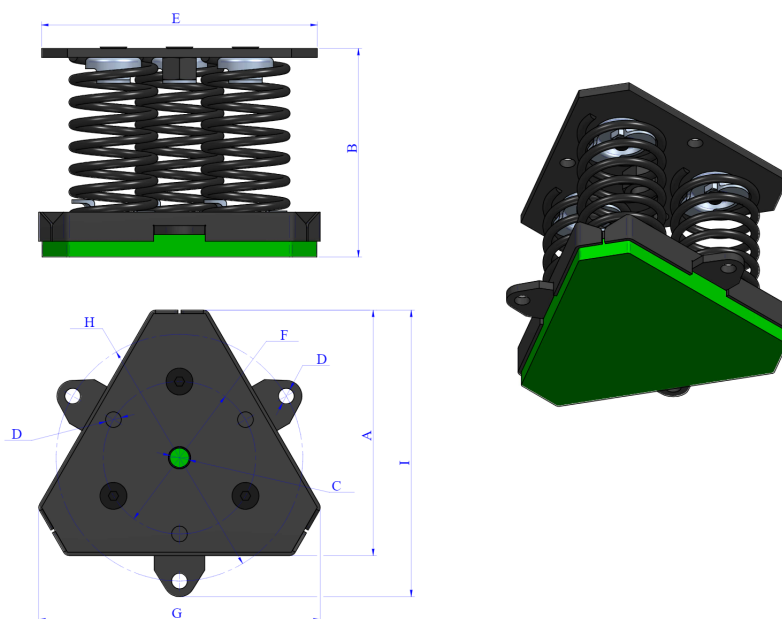
With a **static deflection of up to 50 mm (2 inches)**, the springs can achieve **natural frequencies as low as 3 Hz**, providing highly effective isolation for low-speed equipment or machinery generating very low-frequency vibrations.

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.

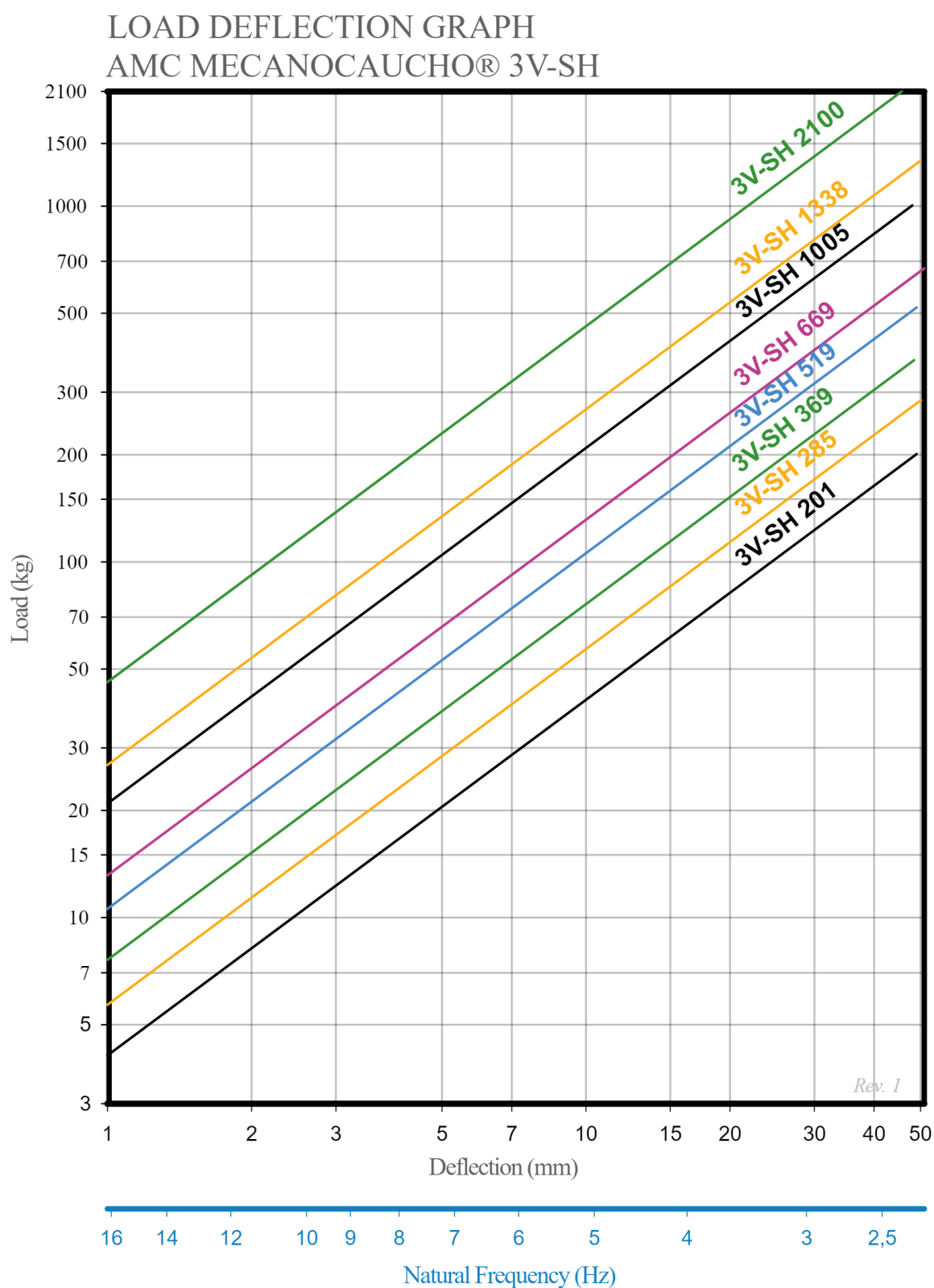
Drawings

3V-SH



Type	Code	Spring color	Max. Load (kg)	K(N/mm)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	Weight(kg)
3V-SH	21020	BLUE	201	40	219	180	M20	14	246	136	251	220	255,7	4.85
	21021	WHITE	285	56	219	180	M20	14	246	136	251	220	255,7	4.85
	21022	BLACK	369	75	219	180	M20	14	246	136	251	220	255,7	5.25
	21023	BEIGE	519	104	219	180	M20	14	246	136	251	220	255,7	4.85
	21024	RED	669	129	219	180	M20	14	246	136	251	220	255,7	5.85
	21025	GREY	1005	205	219	180	M20	14	246	136	251	220	255,7	4.85
	21026	GREEN	1338	263	219	180	M20	14	246	136	251	220	255,7	6.91
	21029	BROWN	2100	451	219	180	M20	14	246	136	251	220	255,7	11

Elastic properties



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 70°. Short term higher temperatures are possible.