2V-SR Anti-Seismic Spring Isolator

Twin-spring anti-seismic isolator for high loads, with low-frequency vibration isolation, integrated seismic restraint, and Sylomer® layer.



The **AMC-MECANOCAUCHO® 2V-SR Anti-Seismic Spring Isolator** incorporates **two high-deflection steel springs** and is designed for equipment requiring **high load capacity**, **effective low-frequency vibration isolation**, and mechanical protection under seismic conditions.

The two springs provide increased **load capacity** while maintaining a **low natural frequency**, effectively reducing the transmission of low-frequency vibration from the equipment to the supporting structure.

A **Sylomer® layer** complements the springs by reducing the transmission of **mid- and high-frequency vibration**, extending the effective vibration isolation range.

The spring isolator also incorporates an **integrated leveling system** for precise equipment height adjustment and an **anti-slip rubber base**.

Under exceptional or seismic loads, the **integrated seismic restraint system** limits excessive equipment movement while allowing the movement required for effective vibration isolation under normal operating conditions.

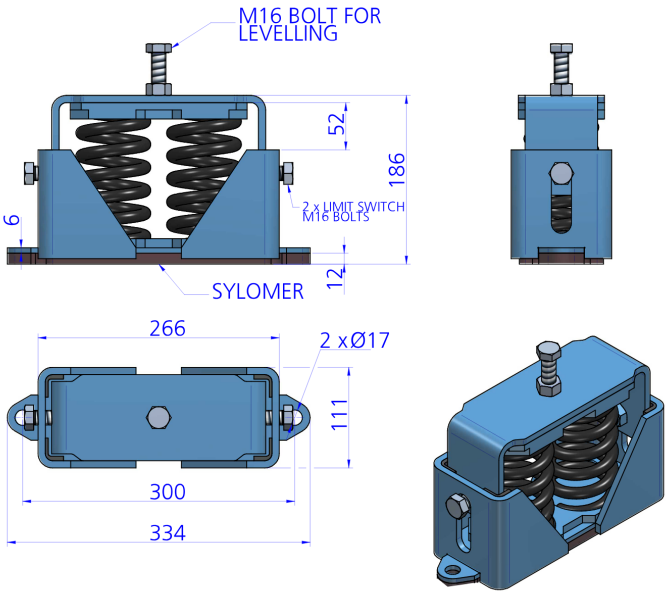
The 2V-SR range is particularly suitable for **HVAC equipment, refrigeration units, pumps, fans, compressors, generator sets, and other heavy mechanical equipment**.

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Drawings

2V-SR ANTI SEISMIC + SYLOMER

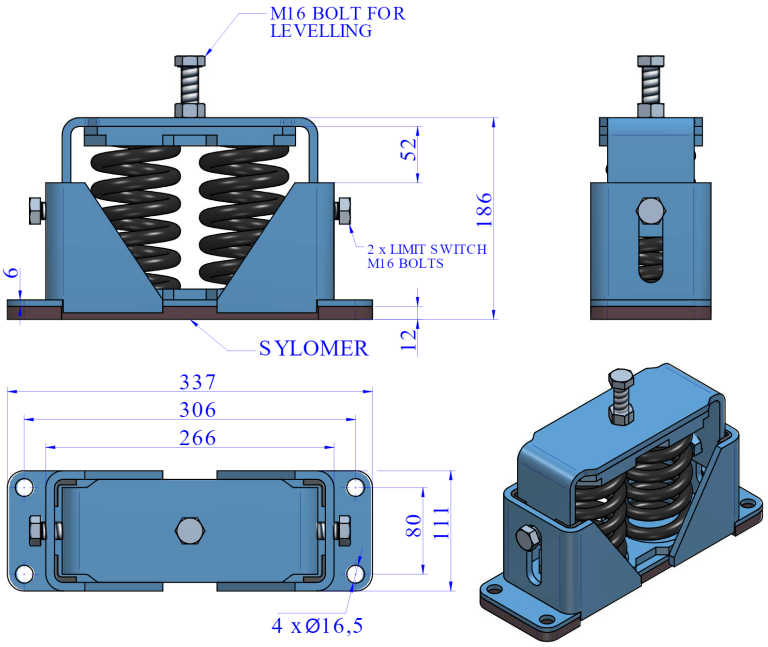


Type	Code	Max. Load(lbs)	Spring color	K(N/mm)	Weight(lbs)
2V-SR ANTI SEISMIC + SYLOMER	21342	882	BLACK	128	27
	21343	1763	BLACK	267	24
	20506	2865	BLACK	362	27
	20507	3526	BLACK	575	27
	20508	4408	BLACK	702	29
	20509	5290	BLACK	1007	29

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2V-SR ANTI SEISMIC + SYLOMER 4 Holes

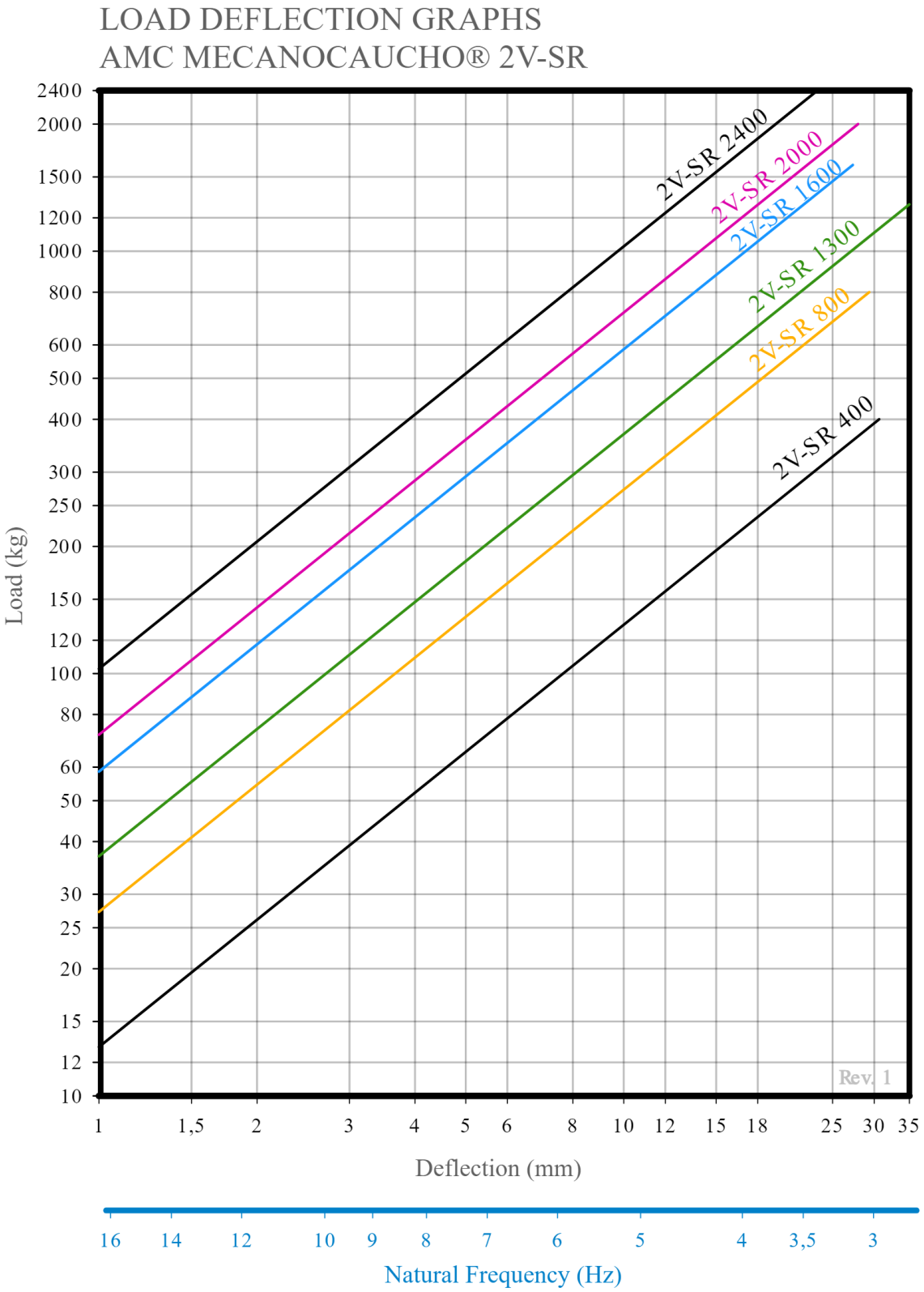


Type	Code	Spring color	Max. Load(lbs)	K(N/mm)	Weight(lbs)
2V-SR ANTI SEISMIC + SYLOMER 4 Holes	21556	BLACK	882	128	27
	21557	BLACK	1763	267	29
	21558	BLACK	2865	362	32
	21559	BLACK	3526	575	32
	21560	BLACK	4408	702	34
	21561	BLACK	5290	1007	35

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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-medium-high frequencies.

The curves are showing the deflection and natural frequencies according to the load of the spring. Working range temperature from -30°C to +70°C. Short term higher temperatures are possible.

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