2V-SR Anti-Seismic Spring Mount

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



The **AMC-MECANOCAUCHO® 2V-SR Anti-Seismic Spring Mount** 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** whilst 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 **medium and high frequencies**, extending the effective vibration isolation range.

The spring mount also incorporates an **integrated levelling 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, whilst allowing the movement required for effective vibration isolation under normal operating conditions.

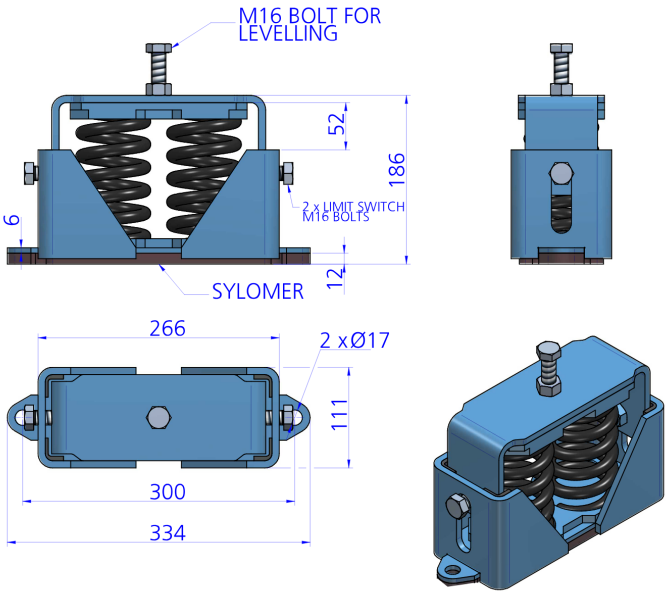
The 2V-SR range is particularly suitable for **HVAC equipment, refrigeration units, pumps, fans, compressors, generator sets and other heavy technical equipment**.

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Drawings

2V-SR ANTI SEISMIC + SYLOMER

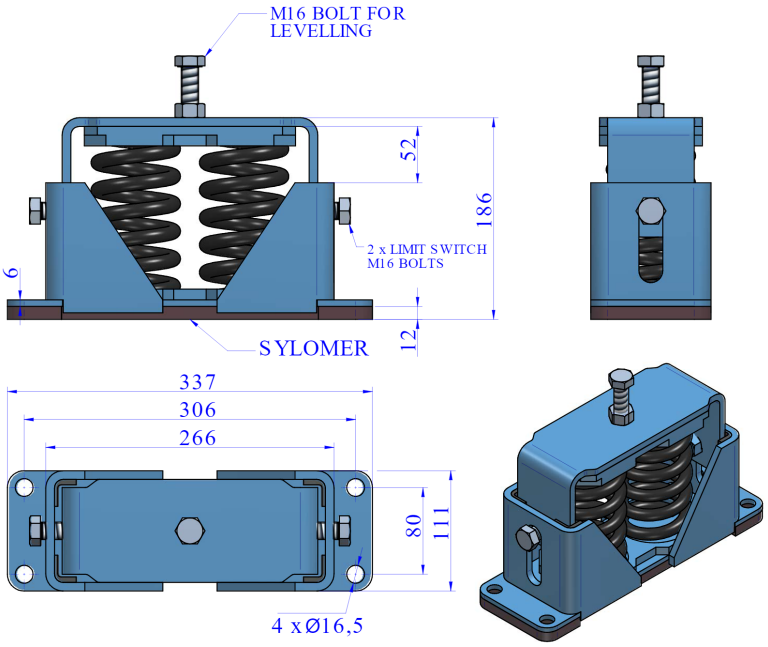


Type	Code	Max. Load(kg)	Spring color	K(N/mm)	Weight(kg)
2V-SR ANTI SEISMIC + SYLOMER	21342	400	BLACK	128	12.11
	21343	800	BLACK	267	10.85
	20506	1300	BLACK	362	12.335
	20507	1600	BLACK	575	12.385
	20508	2000	BLACK	702	12.995
	20509	2400	BLACK	1007	13.143

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2V-SR ANTI SEISMIC + SYLOMER 4 Holes

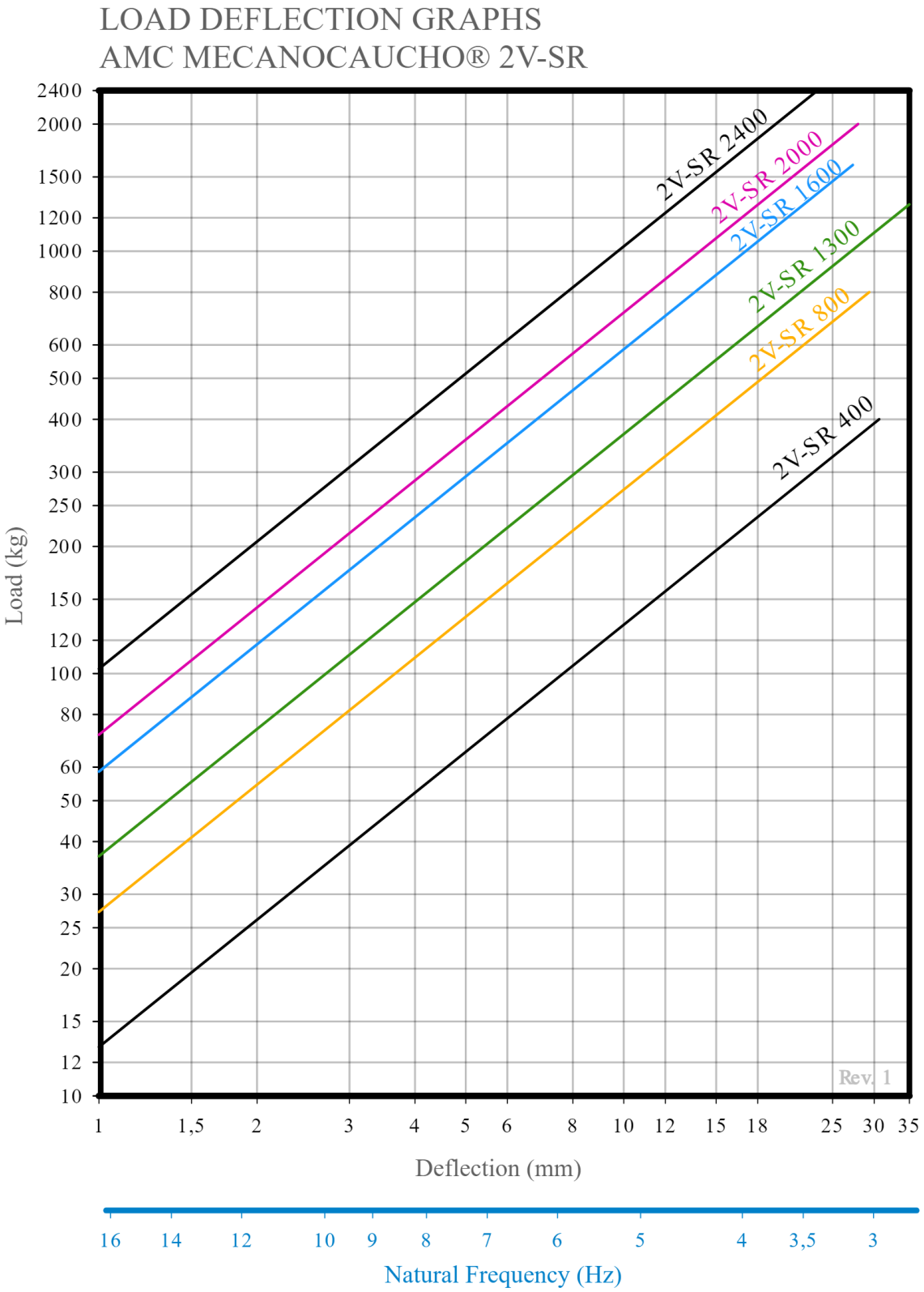


Type	Code	Spring color	Max. Load(kg)	K(N/mm)	Weight(kg)
2V-SR ANTI SEISMIC + SYLOMER 4 Holes	21556	BLACK	400	128	12.434
	21557	BLACK	800	267	13.014
	21558	BLACK	1300	362	14.614
	21559	BLACK	1600	575	14.674
	21560	BLACK	2000	702	15.474
	21561	BLACK	2400	1007	15.874

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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.

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