1V-SR seismic mounts

High-load anti-seismic spring mount designed for low-frequency vibration isolation, with integrated seismic restraint and Sylomer® layer.

The **AMC-MECANOCAUCHO® 1V-SR Anti-Seismic Spring Mount** is designed for equipment requiring **high load capacity**, **effective low-frequency vibration isolation** and mechanical protection under seismic conditions.

Its **high-deflection steel spring** provides a **low natural frequency**, effectively reducing the transmission of low-frequency vibration. A **Sylomer® layer** complements the spring by reducing the transmission of **medium and high frequencies**, thereby extending the effective vibration isolation range.

The 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 1V-SR range is particularly suitable for **HVAC equipment, refrigeration units, pumps, fans, compressors, generator sets and other heavy technical equipment** requiring both vibration isolation and seismic protection.

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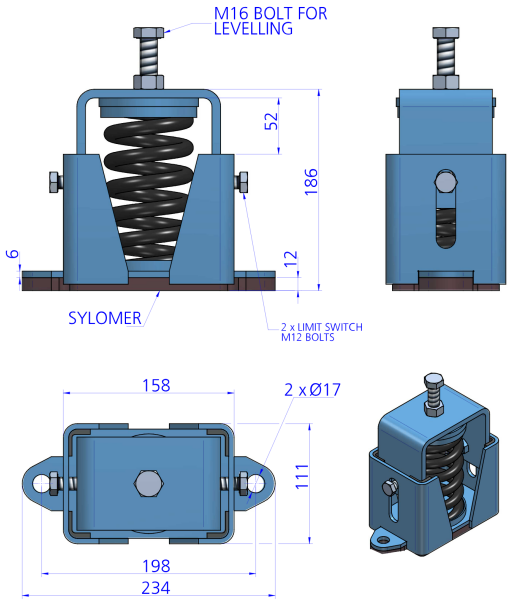
Drawings

V-SR ANTI SEISMIC + SYLOMER



Type	Code	Max. Load(kg)	Spring color	K(N/mm)	Weight(kg)
V-SR ANTI SEISMIC + SYLOMER	21340	200	BLACK	64	5.72
	21341	400	BLACK	134	6
	20502	650	BLACK	181	6.715
	20503	800	BLACK	287	6.74
	20504	1000	BLACK	351	7.045
	20505	1200	BLACK	503	7.119

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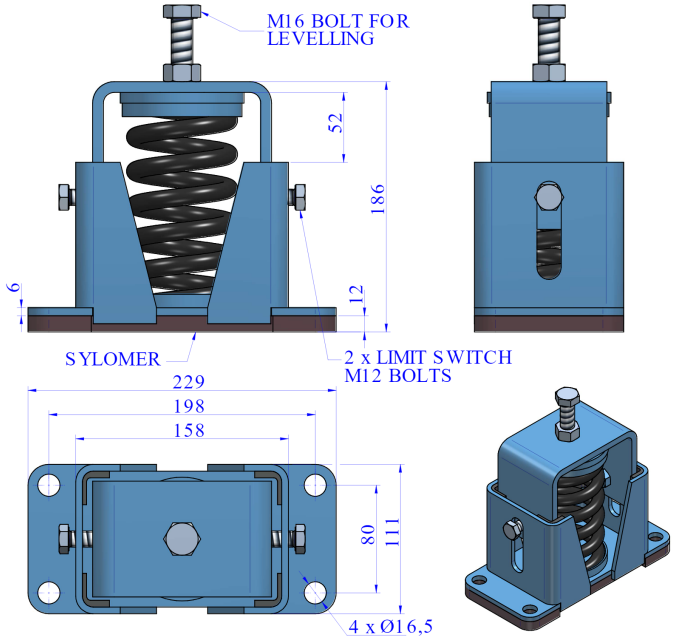
V-SR ANTI SEISMIC + SYLOMER 4 Holes



Type	Code	Spring color	Max. Load(kg)	K(N/mm)	Weight(kg)
V-SR ANTI SEISMIC + SYLOMER 4 Holes	21550	BLACK	200	64	6.776
	21551	BLACK	400	134	7.066
	21552	BLACK	650	181	7.866
	21553	BLACK	800	287	7.896
	21554	BLACK	1000	351	8.296
	21555	BLACK	1200	503	8.496

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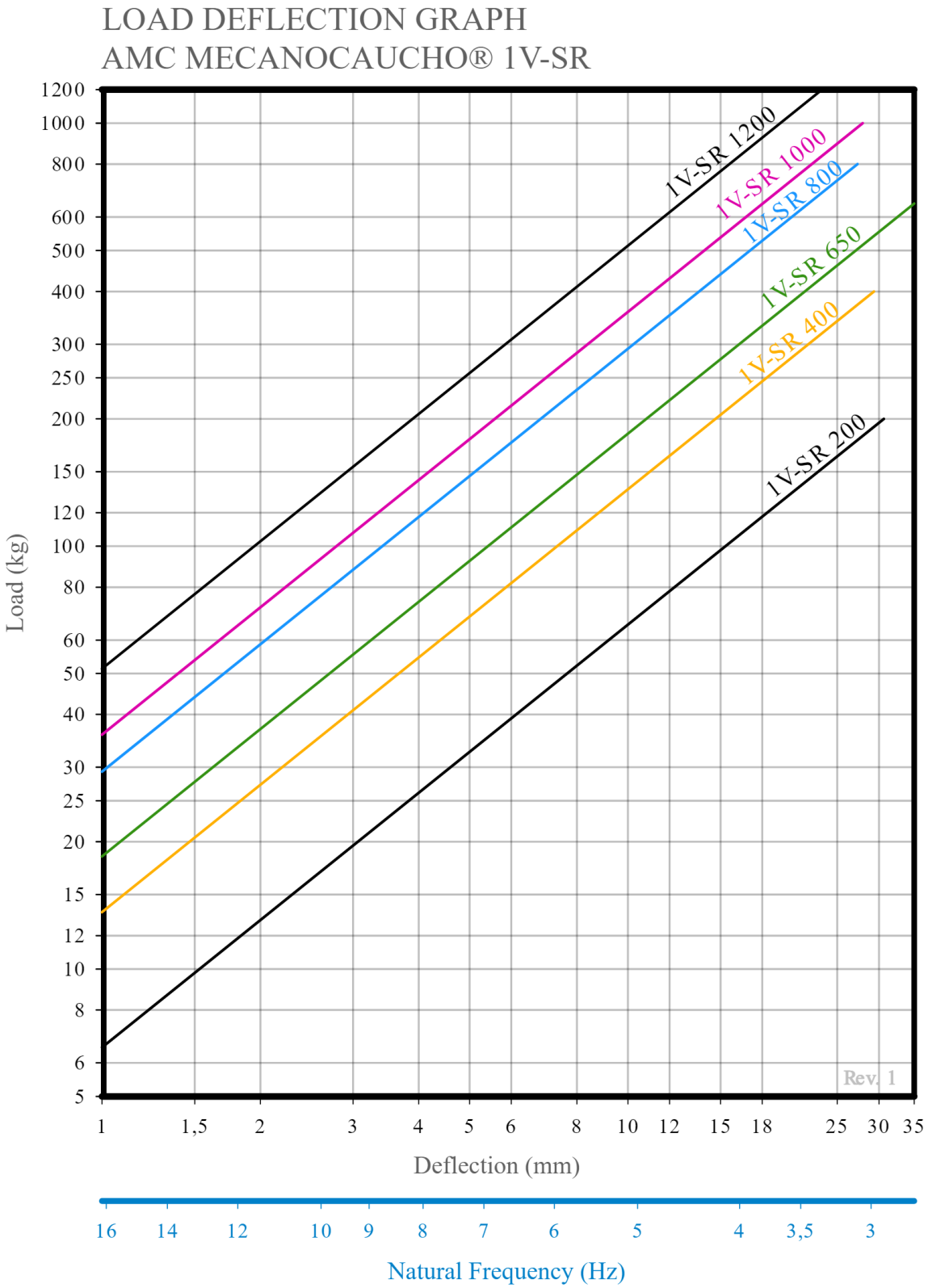
Elastic properties



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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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