

4V-SR Anti-Seismic Spring Mount

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



The **AMC-MECANOCAUCHO® 4V-SR Anti-Seismic Spring Mount** incorporates **four 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 four-spring configuration provides a **high load capacity** whilst maintaining a **low natural frequency**, effectively reducing the transmission of vibration from the equipment to the supporting structure.

A **Sylomer® layer** complements the springs by reducing the transmission of **medium and high frequencies** that may propagate through the steel springs. The combination of **springs + Sylomer®** therefore extends the effective vibration isolation range.

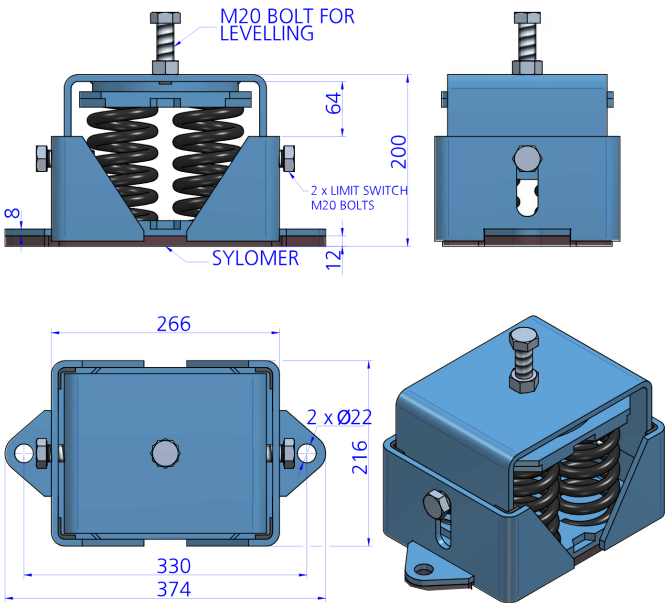
The spring mount also incorporates an **integrated levelling system** for precise equipment height adjustment and an **anti-slip rubber base**.

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 4V-SR range is particularly suitable for **HVAC equipment, refrigeration units, pumps, fans, compressors, generator sets and other heavy technical equipment**.

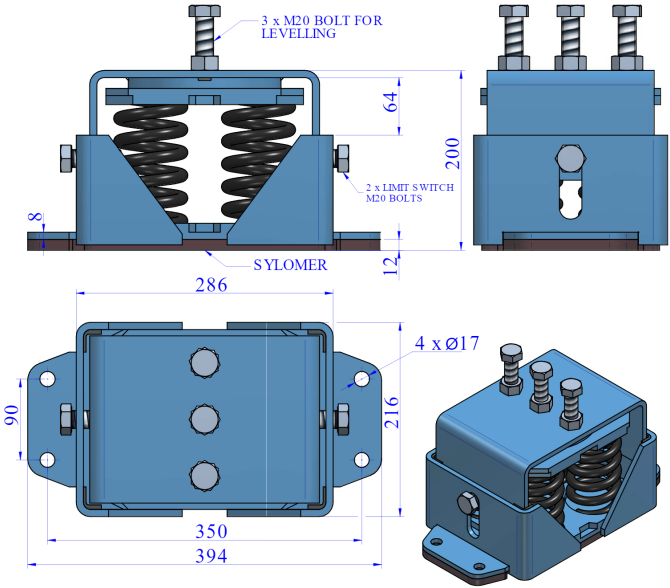
Drawings

4V-SR ANTI SEISMIC + SYLOMER



Type	Code	Max. Load(kg)	Spring color	K(N/mm)	Weight(kg)
4V-SR ANTI SEISMIC + SYLOMER	21344	800	BLACK	256	23.4
	21345	1600	BLACK	535	24.5
	21141	2600	BLACK	724	23.733
	21142	3200	BLACK	1150	23.833
	21143	4000	BLACK	1404	27.66
	21144	4800	BLACK	2013	25.349

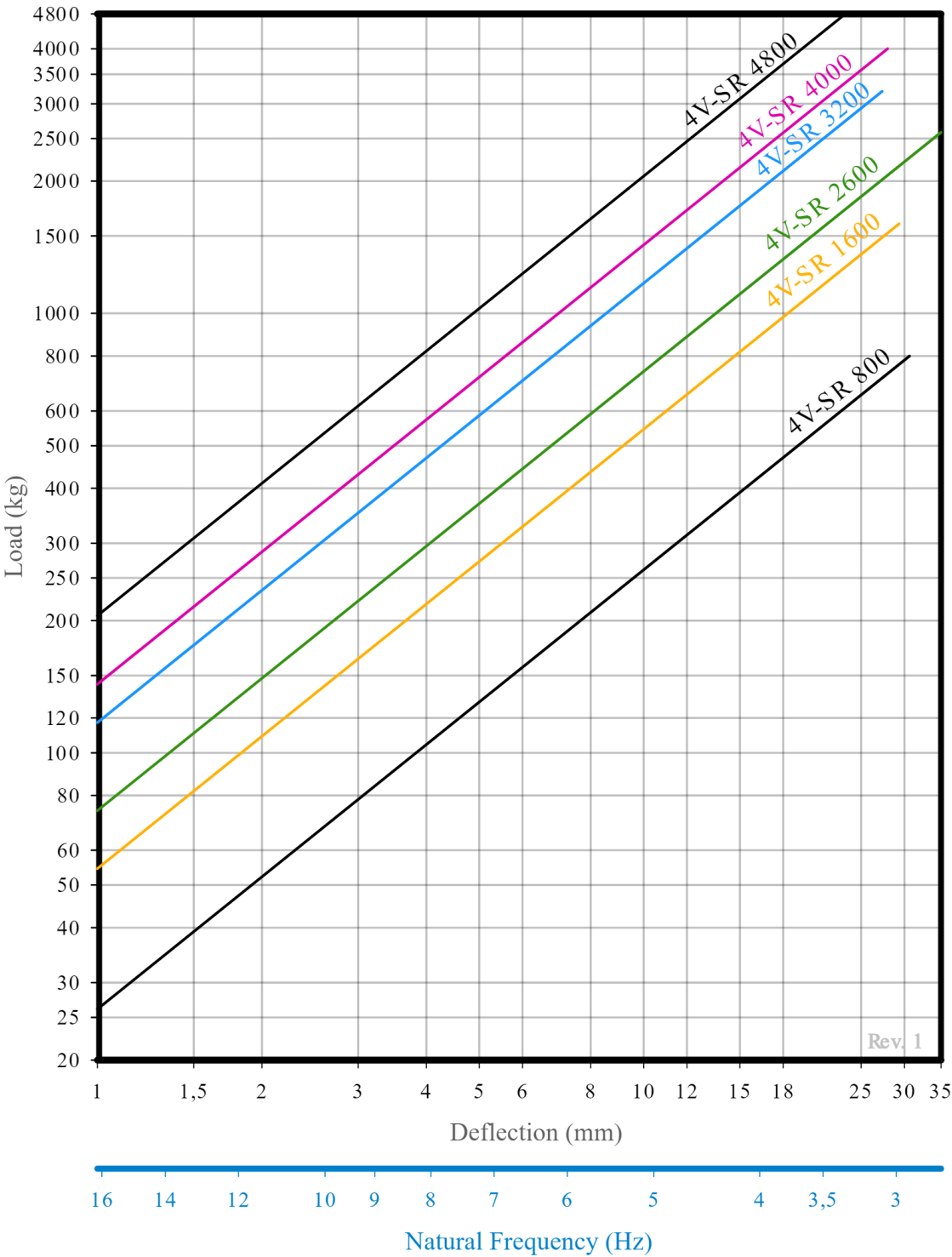
4V-SR ANTI SEISMIC + SYLOMER 4 Holes



Type	Code	Spring color	Max. Load(kg)	K(N/mm)	Weight(kg)
4V-SR ANTI SEISMIC + SYLOMER 4 Holes	21562	BLACK	800	256	30.049
	21563	BLACK	1600	535	31.209
	21564	BLACK	2600	724	34.409
	21565	BLACK	3200	1150	34.529
	21566	BLACK	4000	1404	36.129
	21567	BLACK	4800	2013	36.929

Elastic properties

LOAD DEFLECTION GRAPH
AMC MECANOCAUCHO® 4V-SR



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 70°. Short term higher temperatures are possible.