FZH Spring + Sylomer® – Spring Jack-Up Mounts for Floating Floors

Spring jack-up mounts with Sylomer® for floating floors. Natural frequency down to 4 Hz for high-performance low-frequency vibration isolation, without an additional supporting frame.

The **FZH Spring + Sylomer®** is a spring jack-up mount system designed for **high-performance acoustically isolated floating floors**.

By combining **steel springs with Sylomer®**, the system can achieve a **natural frequency as low as 4 Hz**, providing highly effective isolation of low-frequency vibration and **structure-borne noise**.

The mounts are integrated directly into the concrete slab, allowing the floating floor to be constructed **without an additional supporting frame**. Once the concrete has cured, the slab is raised using the integrated jacking mechanism, creating the required **resilient separation from the supporting structure**.

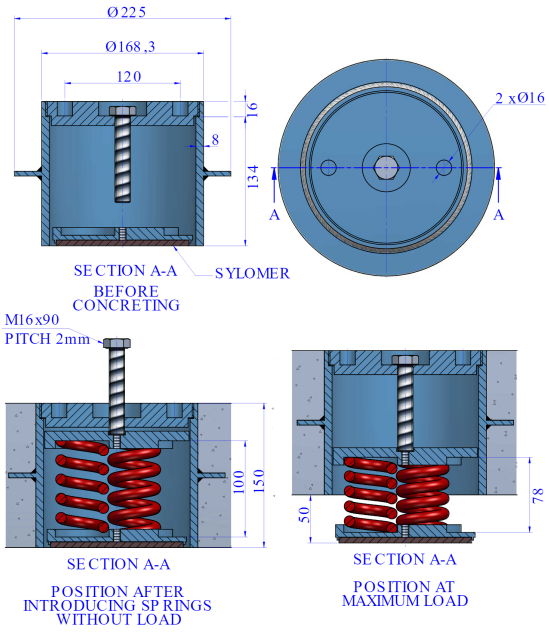
FZH Spring + Sylomer® is particularly suitable for projects with demanding vibration and acoustic isolation requirements, including **studios, auditoriums, performance venues, machinery rooms and helipads**.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 07/11/2026.

Drawings

FZH SPRINGS + SYLOMER

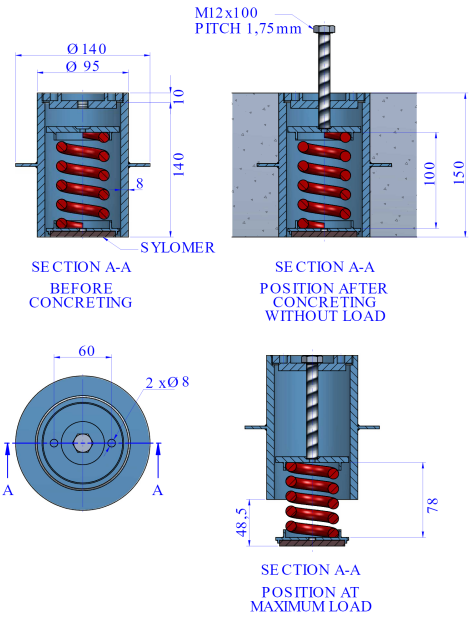


Type	Code	Spring color	Max. Load(kg)	Spring
FZH SPRINGS + SYLOMER	176004	PURPLE	915	1 AMC 915
	176005	GREEN	1215	1 AMC 1215
	176006	GREY	1620	1 AMC 1620
	176007	WHITE	1836	1 AMC 1836
	176008	RED	2409	1 AMC 2409

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 07/11/2026.

FZHM + sylomer®



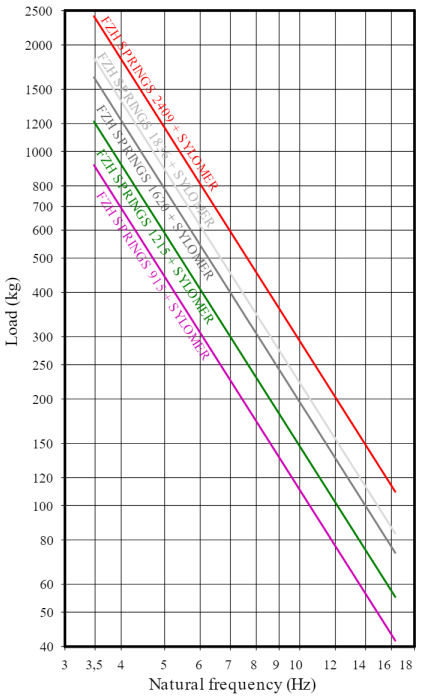
Type	Code	Spring color	Max. Load(kg)	Spring
FZHM + sylomer®	176015	PURPLE	305	1 AMC 305
	176016	GREEN	405	1 AMC 405
	176017	GREY	540	1 AMC 540
	176018	WHITE	612	1 AMC 612
	176019	RED	803	1 AMC 803

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

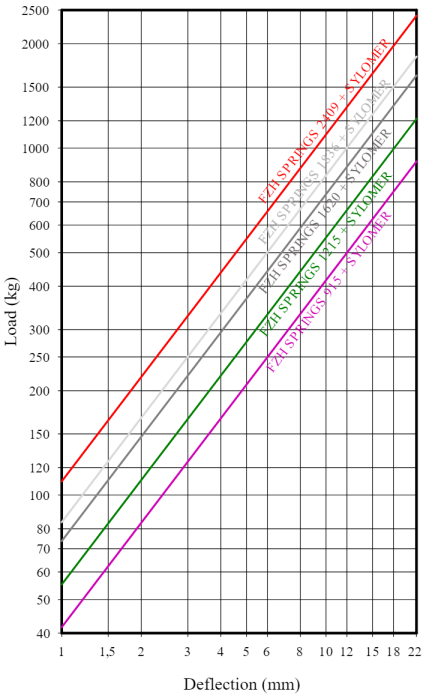
In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 07/11/2026.

Elastic properties

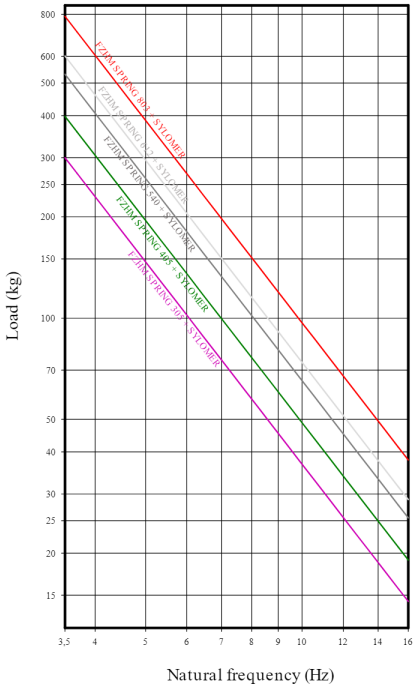
NATURAL FREQUENCY CURVES
FZH SPRINGS + SYLOMER ®



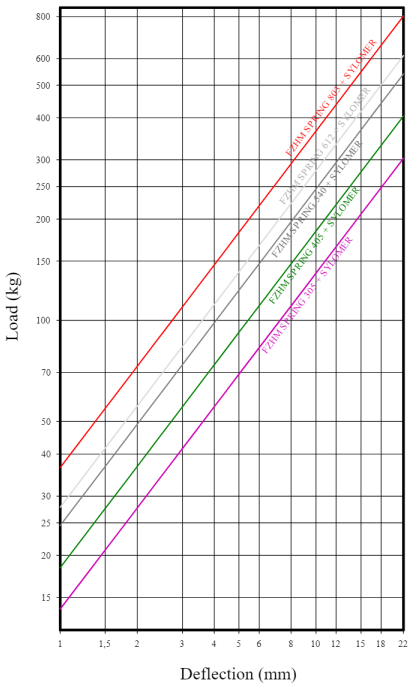
LOAD DEFLECTION CURVES
FZH SPRINGS + SYLOMER®



NATURAL FREQUENCY CURVES
FZHM SPRING + SYLOMER ®



LOAD DEFLECTION CURVES
FZHM SPRING + SYLOMER®



AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 07/11/2026.

Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

Improved isolation

It offers improved isolation compared with conventional anti-vibration mounts of similar geometry.

Incorporates Sylomer® elastomer, highly effective for isolating both high and low frequencies

Sylomer® provides high isolation across a wide frequency range and is particularly effective at high frequencies, effectively eliminating the transmission of structure-borne noise.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain

Tel.: +34 843 74 00 13

sales@amcsa.es

www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 07/11/2026.