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

Spring jack-up mounts with Sylomer® for floating slabs. 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 concrete slabs**.

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 slab 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 building structure**.

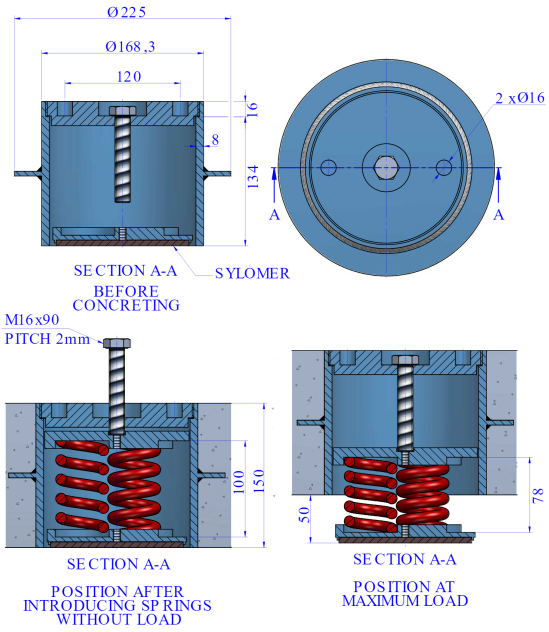
FZH Spring + Sylomer® is particularly suitable for projects with demanding vibration and acoustic isolation requirements, including **studios, auditoriums, performance venues, mechanical rooms, and helipads**.

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Drawings

FZH SPRINGS + SYLOMER

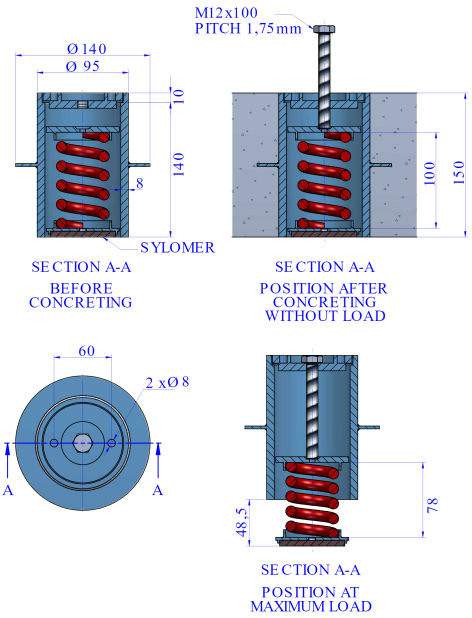


Type	Code	Spring color	Max. Load(lbs)	Spring
FZH SPRINGS + SYLOMER	176004	PURPLE	2017	1 AMC 915
	176005	GREEN	2678	1 AMC 1215
	176006	GREY	3570	1 AMC 1620
	176007	WHITE	4047	1 AMC 1836
	176008	RED	5309	1 AMC 2409

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FZHM + sylomer®



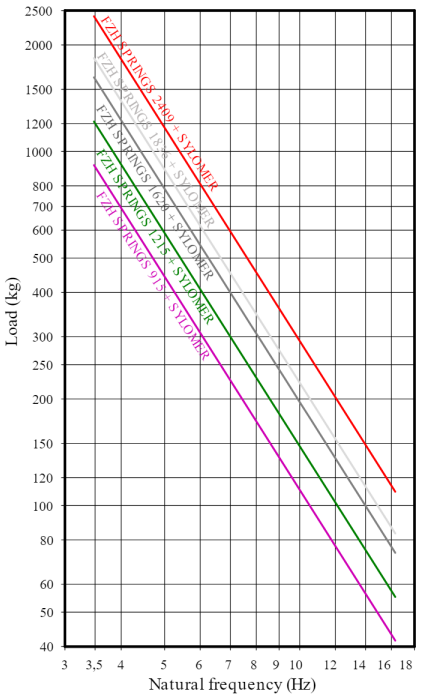
Type	Code	Spring color	Max. Load(lbs)	Spring
FZHM + sylomer®	176015	PURPLE	672	1 AMC 305
	176016	GREEN	893	1 AMC 405
	176017	GREY	1190	1 AMC 540
	176018	WHITE	1349	1 AMC 612
	176019	RED	1770	1 AMC 803

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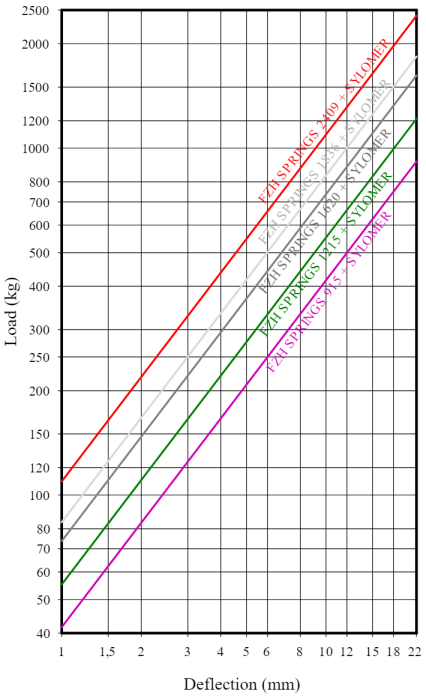
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Elastic properties

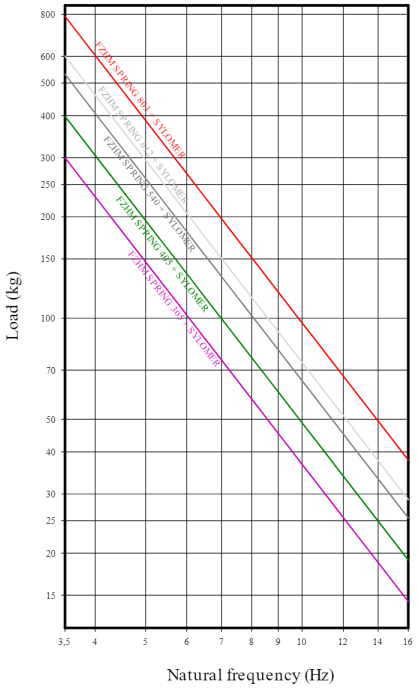
NATURAL FREQUENCY CURVES
FZH SPRINGS + SYLOMER ®



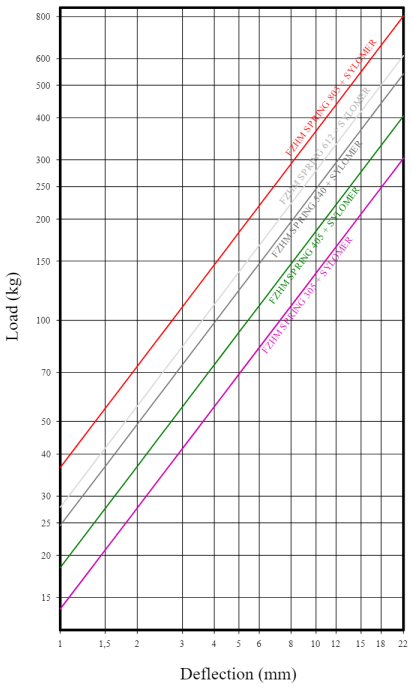
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NATURAL FREQUENCY CURVES
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Advantages

Easy installation

This mount requires no major modifications to the structure for installation.

Improved isolation

It offers improved isolation compared to 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.

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