FZH + Sylomer® Jack-Up Mounts for Floating Slabs

Jack-up mounts with Sylomer® integrated into the concrete slab. Vibration isolation from 8 Hz and a low-profile design for floating slabs only 8–10 cm thick.



The **FZH + Sylomer® Jack-Up Mounts** are designed for **concrete floating slabs** requiring high-performance isolation from vibration and structure-borne noise.

The mounts are integrated directly into the slab during casting. Once the concrete has cured, the system allows the **slab to be raised and isolated from the building structure**, creating a floating slab supported on resilient Sylomer® elements.

The system provides **vibration isolation from 8 Hz without the use of steel springs**. Its low-profile design allows floating slabs to be constructed with a thickness of only **8–10 cm**, making it particularly suitable for projects where available height is limited.

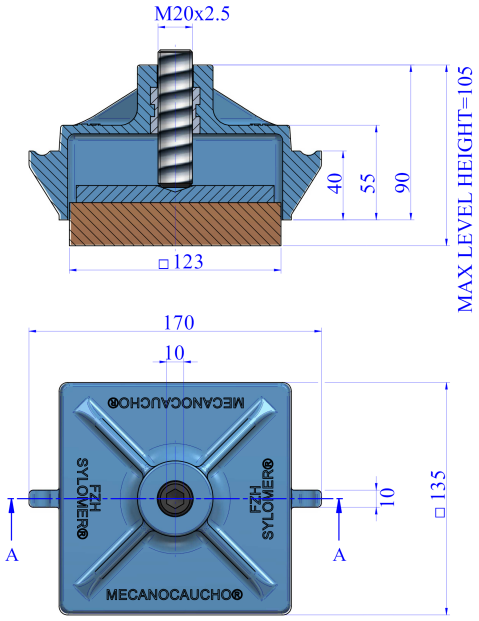
FZH + Sylomer® provides a compact and economical solution for the **vibration and acoustic isolation of concrete floating slabs**, particularly in areas requiring a significant reduction in vibration and structure-borne noise.

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Drawings

FZH-33-25 / FZH-39-25 / FZH-45-25 / FZH-51-25

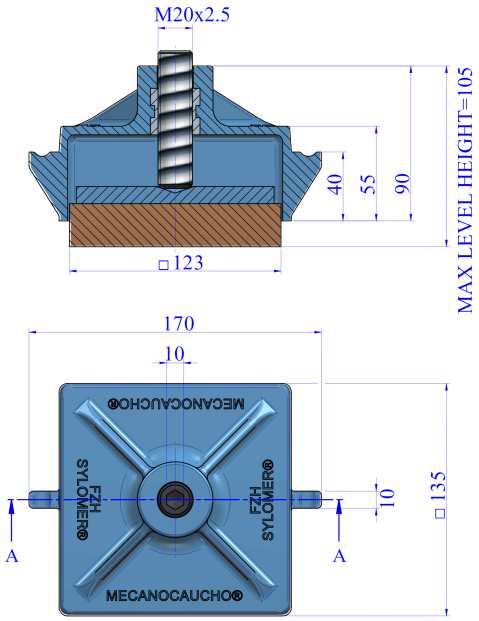


Type	SUMMARY	Max. Load (lbs)	Freq. (Hz) Max. Load	Code	Weight(lbs)
FZH-33-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	309	11	176511	2
FZH-39-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	584	11,1	176513	3
FZH-45-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	1080	10,4	176515	5
FZH-51-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	1763	11,8	176517	3

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FZH-57-25

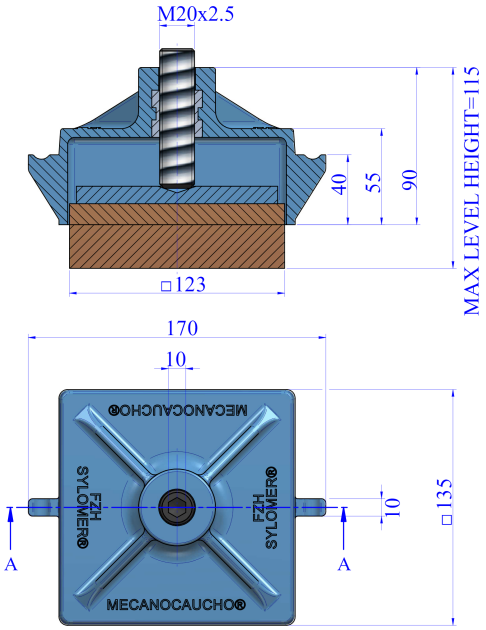


Type	SUMMARY	Max. Load (lbs)	Freq. (Hz) Max. Load	Code	Weight(lbs)
FZH-57-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	2116	11,7	176519	4

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FZH-33-37 / FZH-39-37 / FZH-45-37 / FZH-51-37

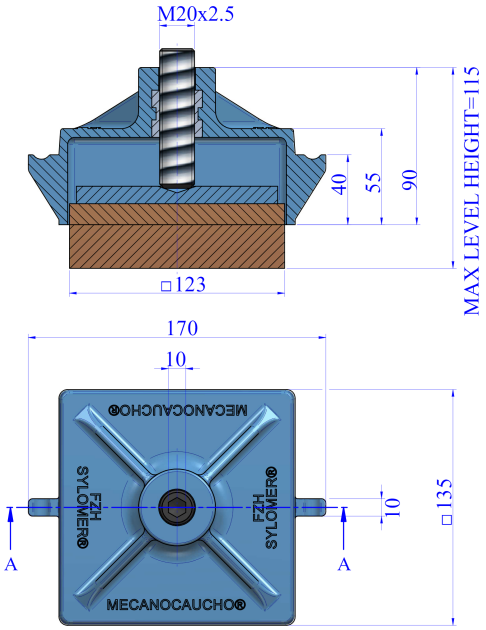


Type	SUMMARY	Max. Load (lbs)	Freq. (Hz) Max. Load	Code	Weight(lbs)
FZH-33-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs	309	8,6	176512	4
FZH-39-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	529	8,5	176514	4
FZH-45-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	1080	8,1	176516	4
FZH-51-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	1763	9,1	176518	5

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FZH-57-37

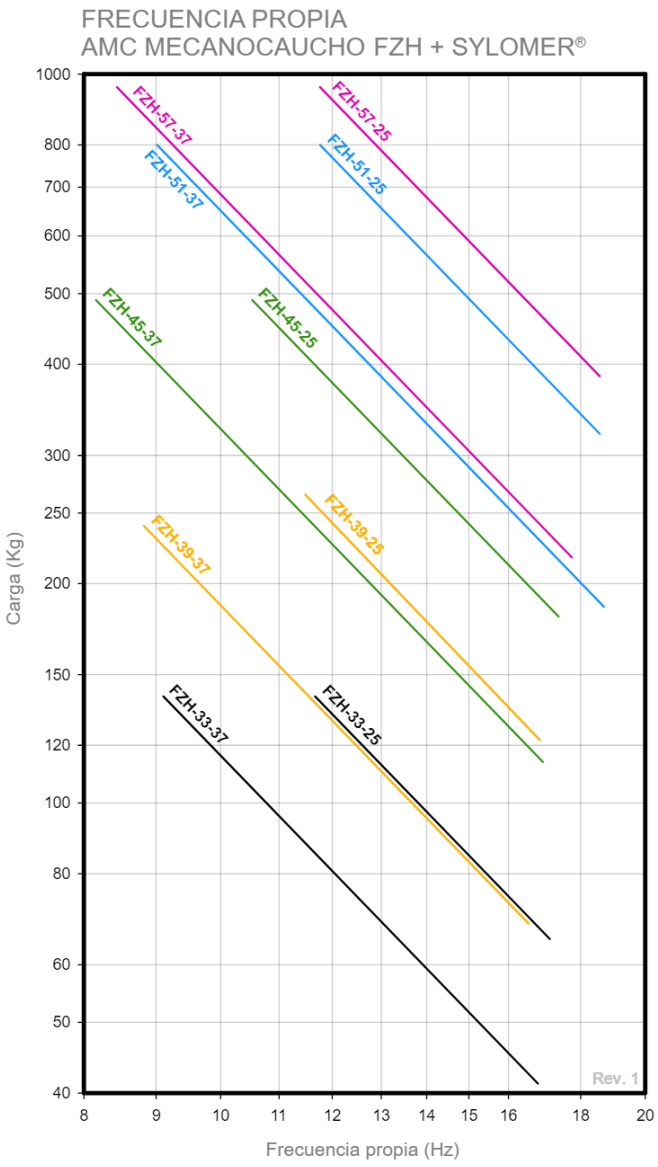


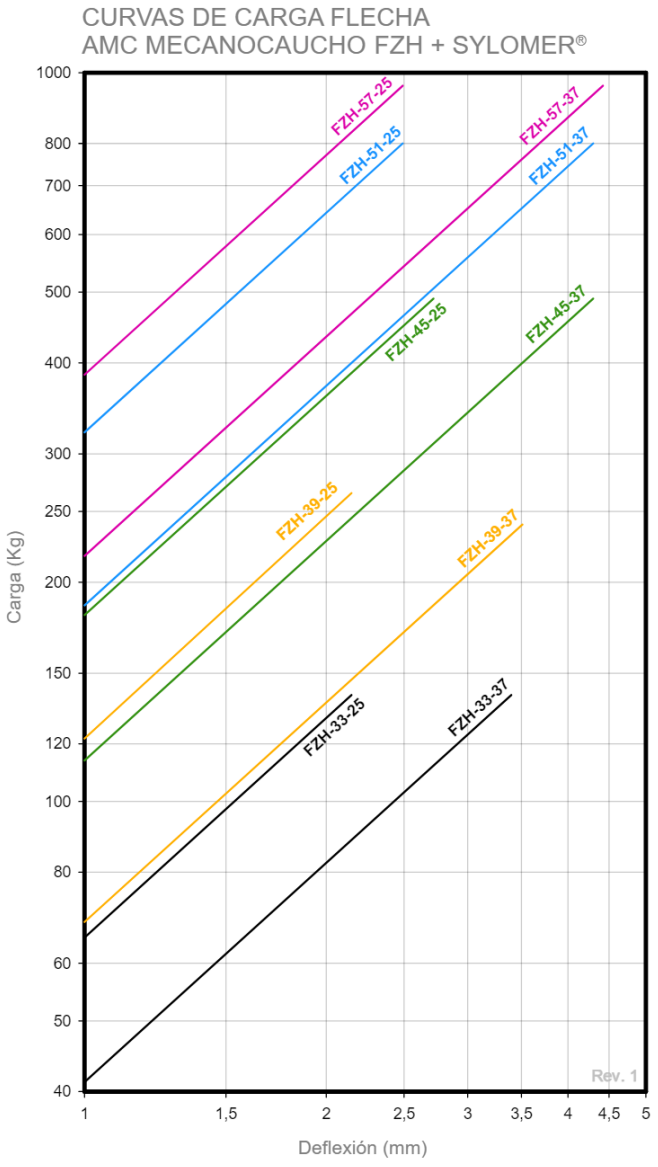
Type	SUMMARY	Max. Load (lbs)	Freq. (Hz) Max. Load	Code	Weight(lbs)
FZH-57-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	2116	8,4	176520	5

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Elastic properties





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Technical characteristics

The AMC-MECANOCAUCHO type FZH mounts incorporate a polyurethane elastomer called Sylomer®. This material offers optimal elastic and mechanical properties for the application.

The AMC-MECANOCAUCHO type FZH mounts can be manufactured in different densities of Sylomer to match the natural frequency needed on the application.

The process of leveling is simple and effective. The density of mount per m2 is1.12 and the distance between the mounts is 0,9m.

Advantages

Easy installation

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

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.

Excellent value

This mount delivers very high performance for its cost compared to other possible solutions.

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