

FZH + Sylomer® Jack-Up Mounts for Floating Floors

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 floors** requiring high-performance isolation from vibration and structure-borne noise.

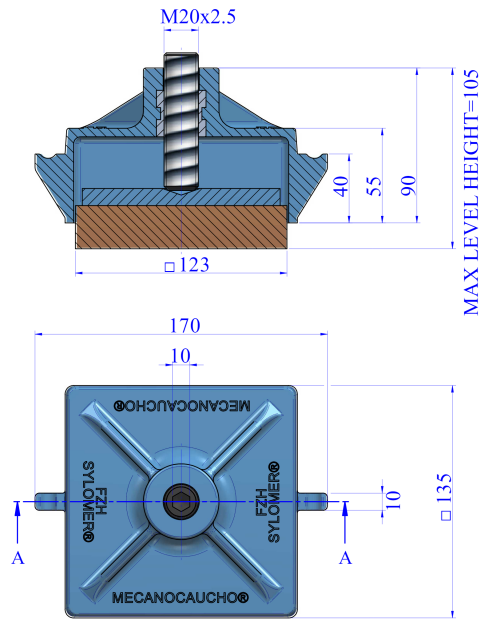
The mounts are integrated directly into the slab during casting. Once the concrete has cured, the system allows the **slab to be raised and isolated from the supporting structure**, creating a floating slab supported on resilient Sylomer® elements.

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

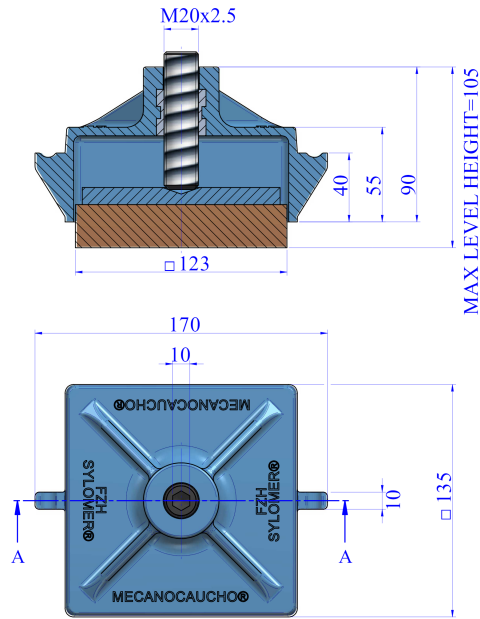
Drawings

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



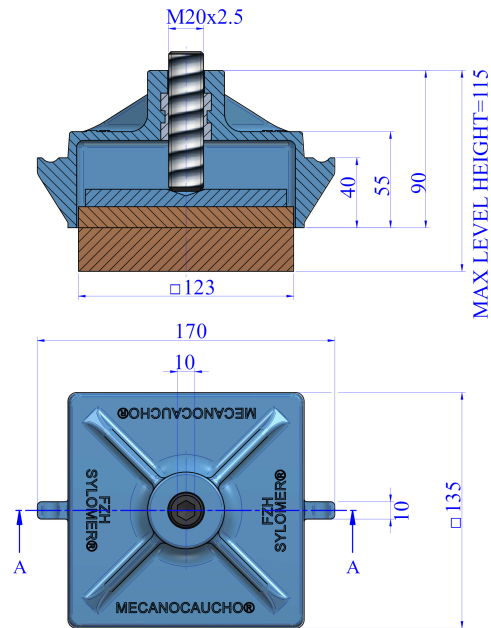
Type	SUMMARY	Max.Load (kg)	Freq. (Hz) Max. Load	Code	Weight(kg)
FZH-33-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	140	11	176511	1.12
FZH-39-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	240	11,1	176513	
FZH-45-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	490	10,4	176515	
FZH-51-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	800	11,8	176517	

FZH-57-25



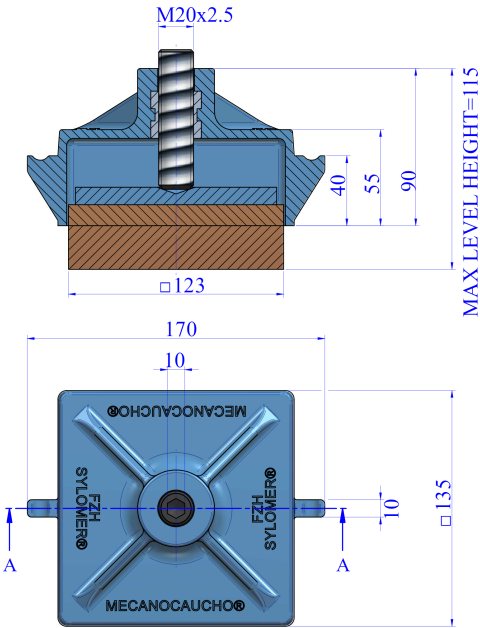
Type	SUMMARY	Max.Load (kg)	Freq. (Hz) Max. Load	Code	Weight(kg)
FZH-57-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	960	11,7	176519	1.61

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



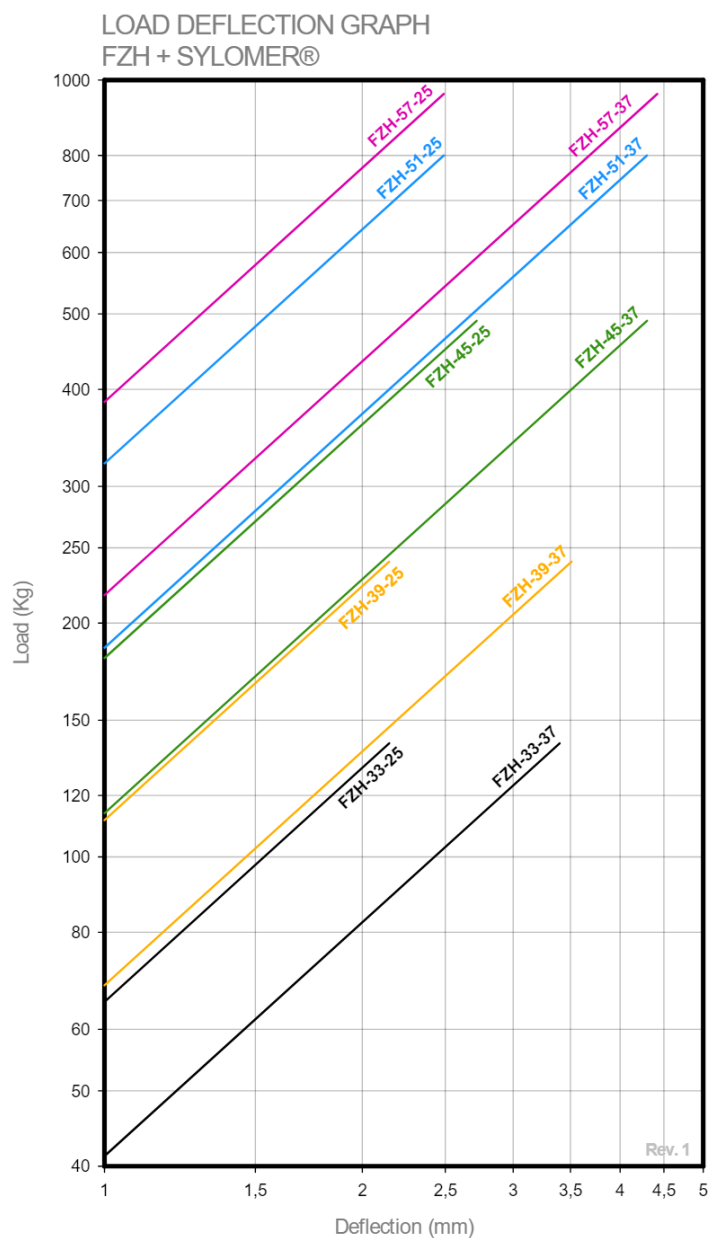
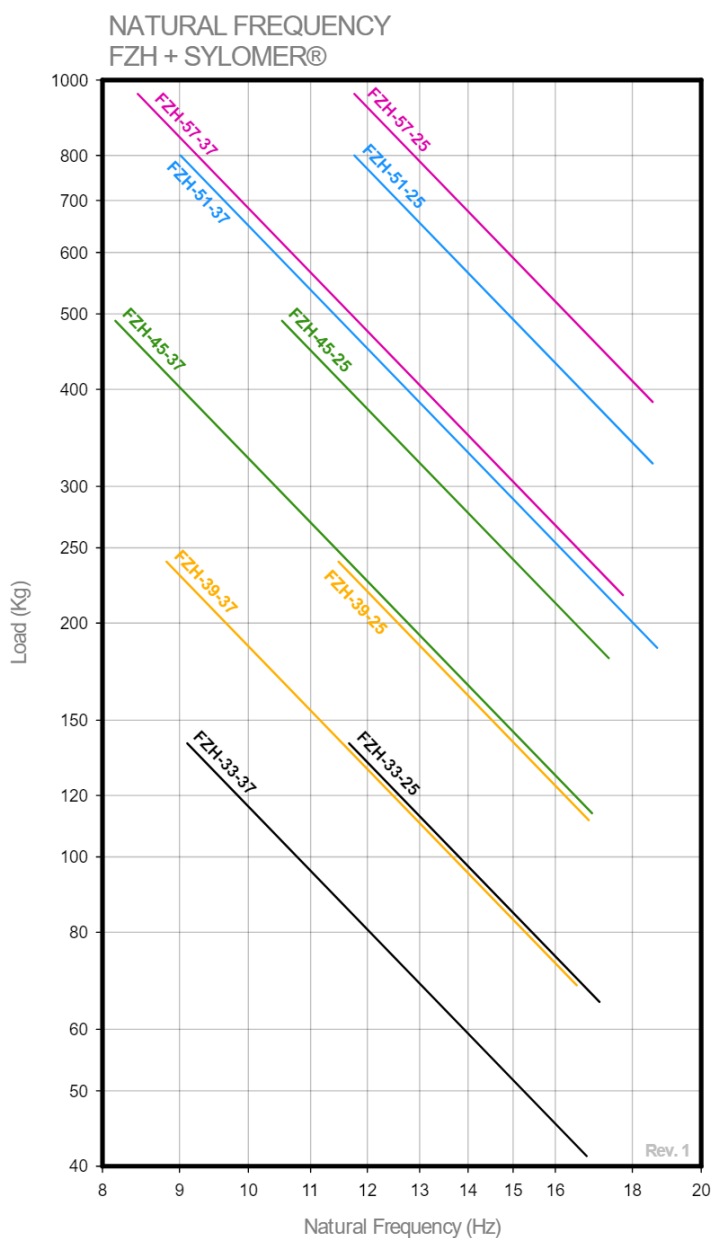
Type	SUMMARY	Max.Load (kg)	Freq. (Hz) Max. Load	Code	Weight(kg)
FZH-33-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs	140	8,6	176512	1.64
FZH-39-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	240	8,5	176514	
FZH-45-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	490	8,1	176516	
FZH-51-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	800	9,1	176518	

FZH-57-37



Type	SUMMARY	Max.Load (kg)	Freq. (Hz) Max. Load	Code	Weight(kg)
FZH-57-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	960	8,4	176520	2.29

Elastic properties



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 is 1.12 and the distance between the mounts is 0,9m.