



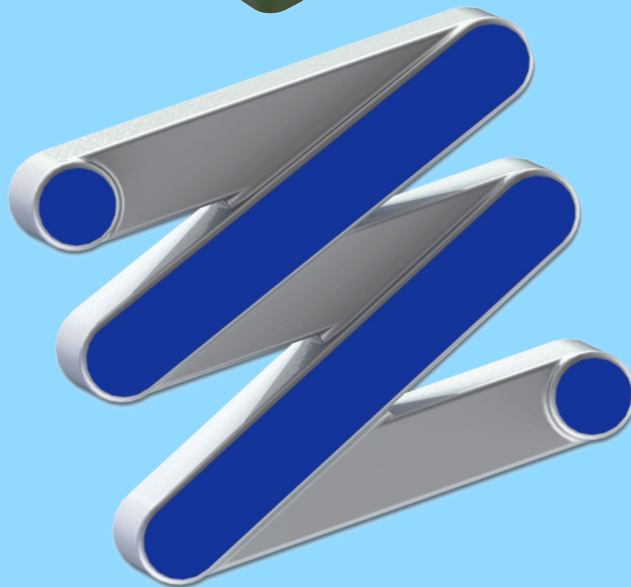
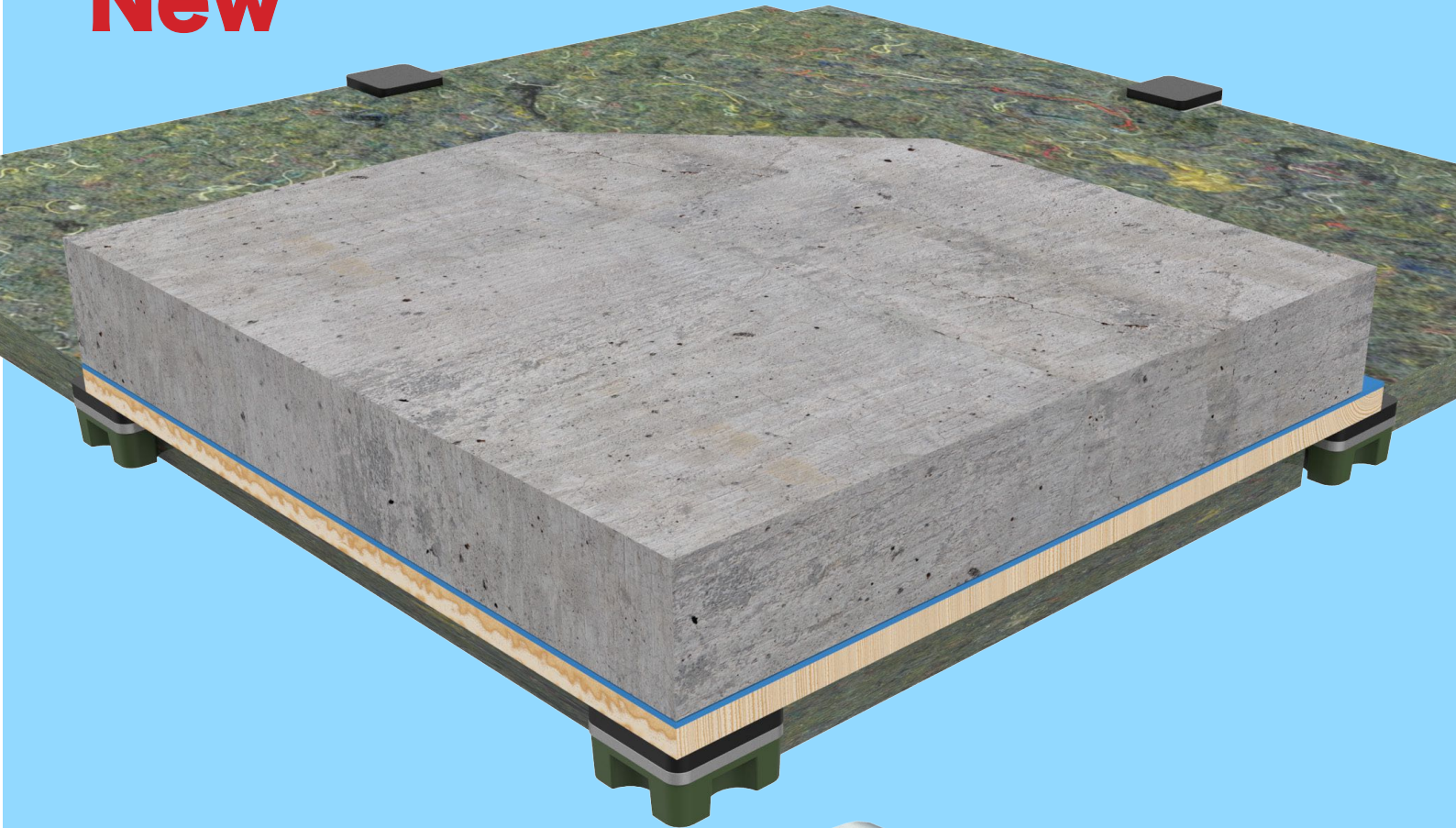
*SENOR Aisladores Acústicos

TECHNICAL Floor

Ref.

ACV-50/150 V

New



SENOR

Manufacturer of **ANTIVIBRATIONS** systems .

Ref.

ACV-50/150 V**New**

Introduction.

A **DIFFERENT** shock absorber. A very professional suspension.

They are **THREE-LAYERED** rubber shock absorbers with "ZAMAK" metallic inner framework. Its manufacture is using renewed and high-performance raw materials, which provide important improvements in the **vibro-mechanical** field.

ACV-50/150 V is much more than a shock absorber. It is a suspension for high-performance technical floors capable of eradicating all impact noise pollution to the building. **Our engineers** work every day for your safety. (Only we manufacture this product).

Technical FLOOR.

New

MAIN features.

ACV-50/150 V It is made up of three materials:

1- At its base we find the most powerful RUBBER block on the market, **Green Rubber**: "TC-4 / GPN"

* loads between **30-200 Kg.**

* Frequency **Resonance 7 to 15 Hz.**

2- An intermediate alloy framework "**ZAMAK-5**" (zinc, aluminum, magnesium and copper alloy. It has a great largeness and a high tensile strength. Its density is 6.6 g / cm³ and its melting temperature is 386°. According to **UNE -EN 12844**. Its covering made up of Epoxy and Polyester provides a durability of more than **2000 saline mist hours.**

Technical FLOOR.


New

3- 15 mm thick **CR-140 microcellular EPDM** rubber sheet with a very high Hz frequency response and a change in acoustic impedance between materials.

* **Frequency Resonance** 7 to 15 Hz.

LABORATORY Tests. UNE-EN ISO 10846-1:2009

Acoustic and vibrations. Laboratory measurement of the transfer properties of the elastic elements in the vibroacoustic field.

 **Testing machine**

[Back to Start...](#)

ACV-50 150V

1

Breakdown

E.LABORATORIO P.TRANSFERENCIA/UNE-EN ISO 10846

made in Machine C

Position [55,718 mm]

▼ -10,803 mm ● -15,815 mm ▲ -20,953 mm

Strenght [30,00 Kg ... 200,00 Kg]

▼ 30,10 Kg ● 95,20 Kg ▲ 199,30 Kg

Speed [0,030 mm/s]

▼ -0,150 mm/s ● -0,010 mm/s ▲ 0,005 mm/s

Frequency [15,00 Hz ... 50,00 Hz]

▼ 15,00 Hz ● 25,18 Hz ▲ 50,00 Hz


Resulting frequency [According to deformation mm]


▼ 11,86 Hz ● 7,10 Hz ▲ 8,15 Hz




Attenuated vibration [Oscillation of 10,00 mm]

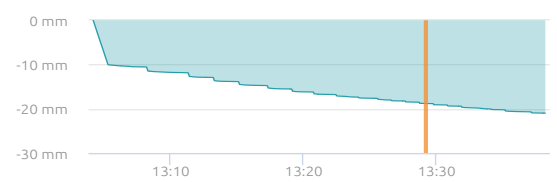
▼ minimum ● medium ▲ maximum

▼ -66,7% ● 91,4% ▲ 97,3%




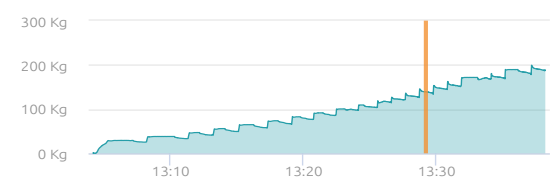
 25:09
cycle 3.620.632

 Kg




Position


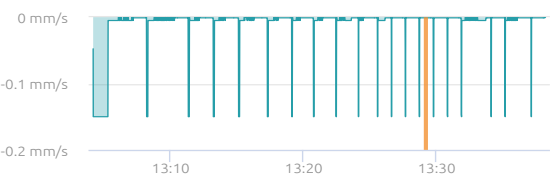
-18,809 mm




Strenght


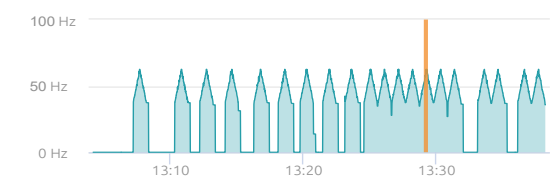
138,60 Kg




Speed


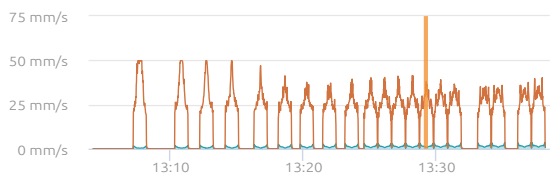
-0,001 mm/s



Frequency


50,00 Hz



Attenuated vibration


97,9 %


Received **0,8** mm/s
Issued **36,6** mm/s

Resulting Frequency.

● 7,20 Hz

Attenuated vibration.

● 97,9 %

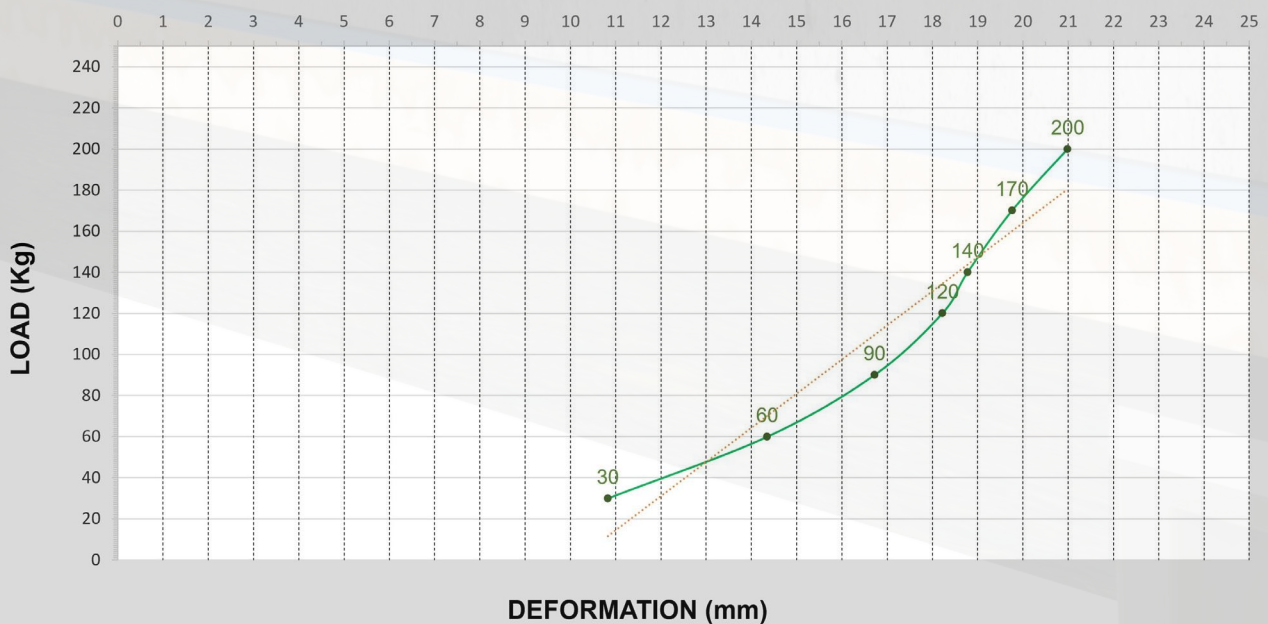
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4 nov. 2020

Technical FLOOR.

Ref.
ACV-50/150 V
New

Graphs of PRODUCT.

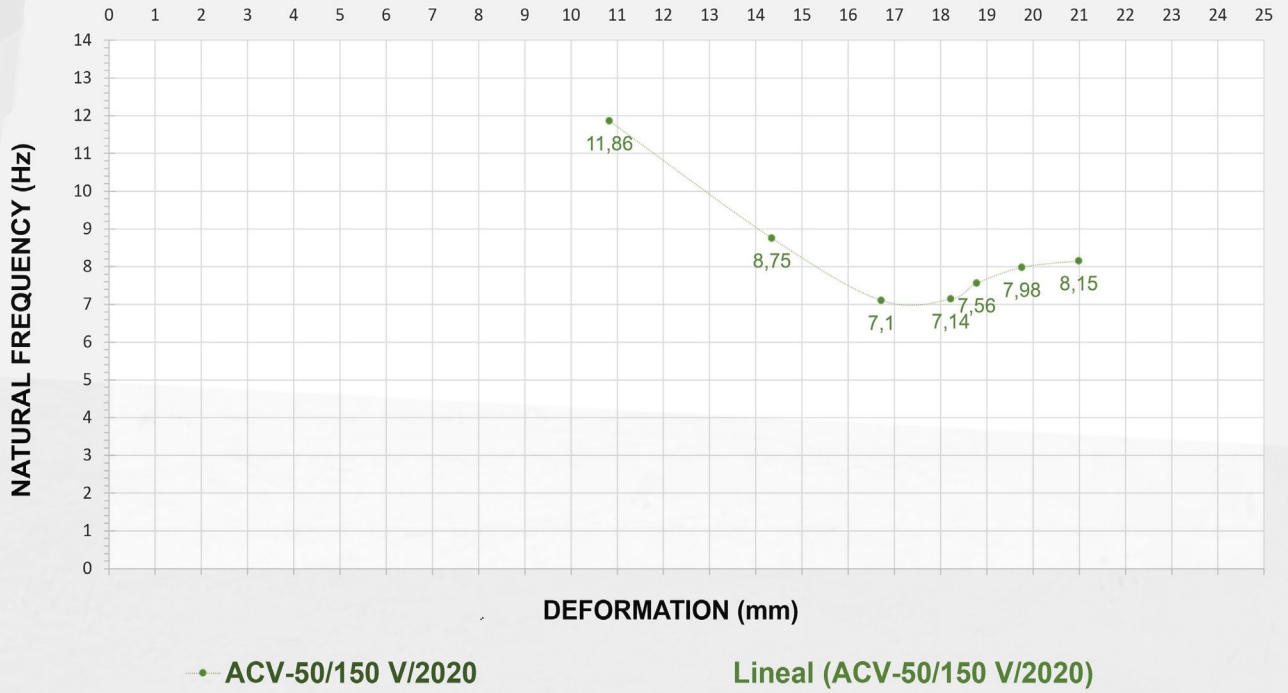
Graph 1



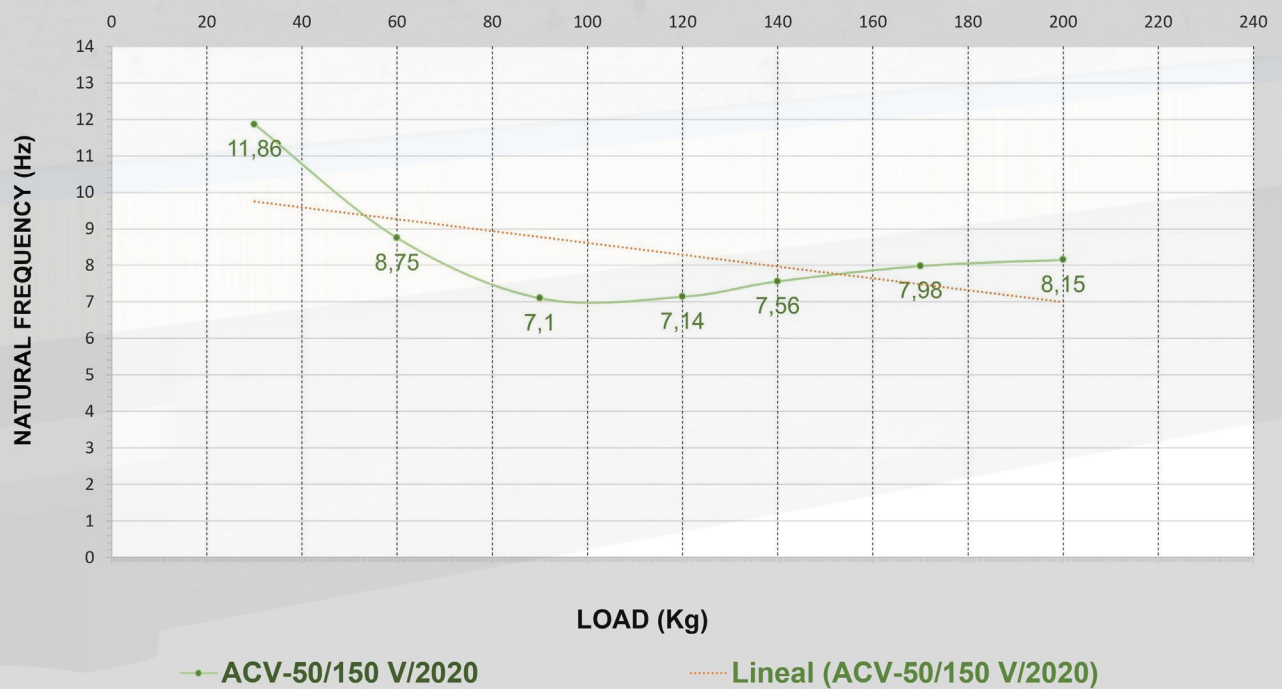
—●— ACV-50/150V/2020

- - - Lineal (ACV-50/150V/2020)

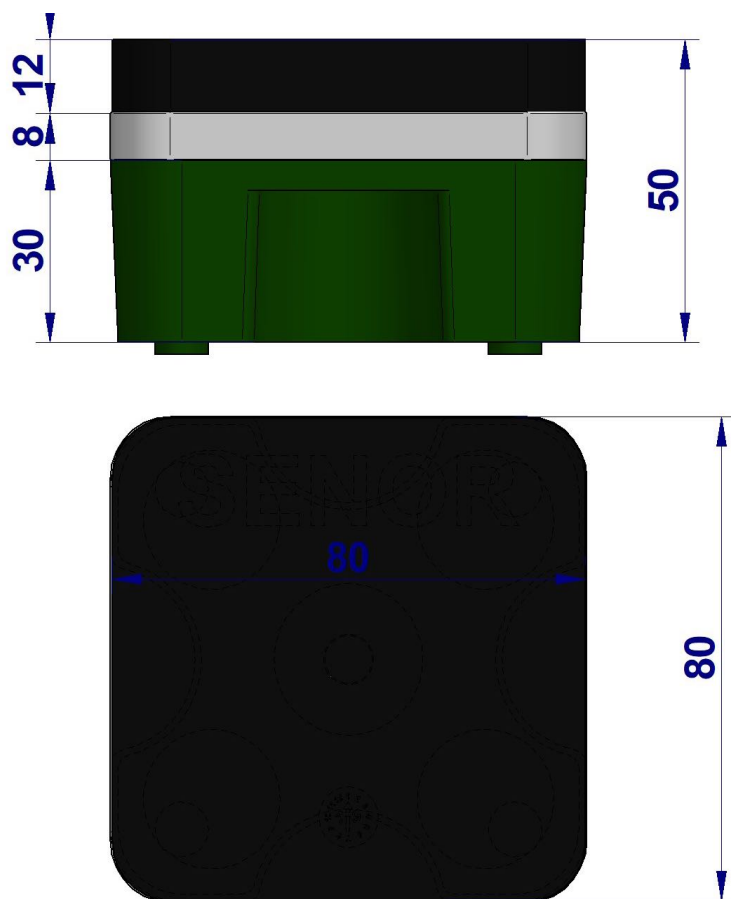
Graph 2



Graph 3



PRODUCT drawing view.



New

Ref.

ACV-50/150 V

