

TAV-4000/INOX 240 R

HYBRID MOUNT WITH ANTI-ROLL SYSTEM FOR THE VIBRATION FROM MACHINES ON THE FLOOR

The **TAV 4000 INOX 240 R** is a HYBRID mount made with the last technology and high quality raw materials.

The hybrid system is the combination of a polymer (rubber) and a helicoidal steel spring:

- The helicoidal spring: it is made of steel according to the Standard **DIN 2095-UNE EN 10270** with antioxidant finish and covered with **metallic red EPOXI**.
- The polymer: this is a high quality polymer known as **KRAIBURG-TPE** which is tested according to the Standard **UNE-EN ISO 10846-1:2009**.


This combination provides quality and performance to any given acoustic system and eradicate sound frequencies and vibrations. This hanger get fastened into the channel easily and quickly thanks to our exclusive design. We are the only ones who can manufacture it.

✓ Resonance frequency: **3-7 Hz**.



USES
Industrial machines with metal frame



REF	COLOUR	METRIC MIN-MAX	LOAD (kg) MIN-MAX	PACKING
SE-TAV-4000/IX 240 R		10 - 16	120 - 240	1



Ref. TAV-4000/IX 240 R

Laboratory test UNE-EN ISO 10846-1:2009

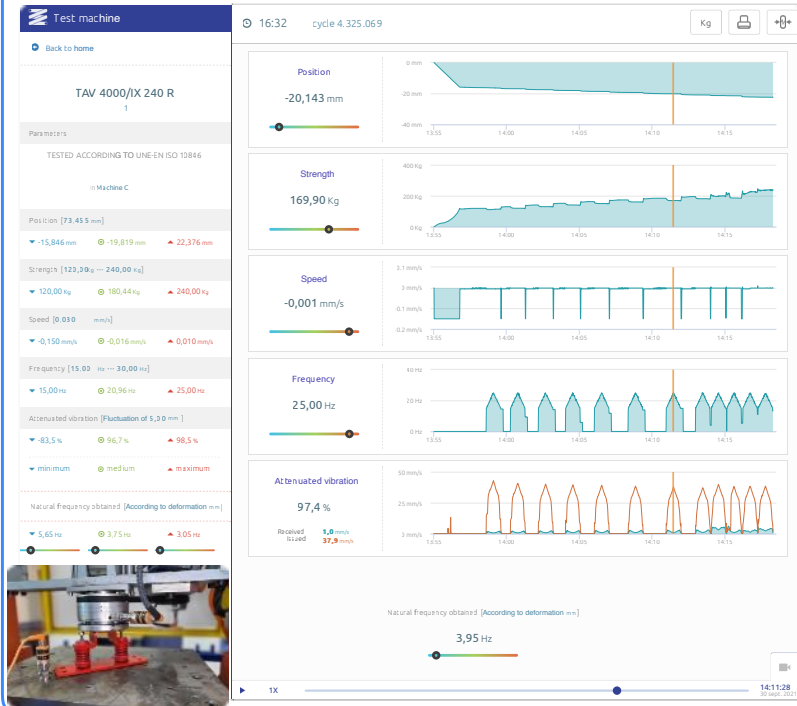


Chart 1

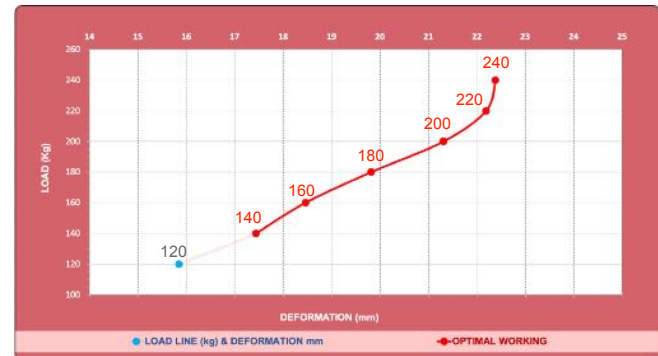


Chart 2

Results

LOAD (kg)	DEFORMATION (mm)	RESONANCE FREQUENCY (Hz)	SWEEP (Hz)		SOUNDPROOFING LEVEL (%)	
			25	50	25	50
120	15,85	5,65	25	50	94,62	98,71
140	17,44	4,90	25	50	96,00	99,03
170	20,14	3,95	25	50	97,44	99,37
200	21,31	3,66	25	50	97,81	99,46
220	22,19	3,17	25	50	98,37	99,56
240	22,38	3,05	25	50	98,49	99,63

Laboratory test UNE-EN ISO 10846-1:2009



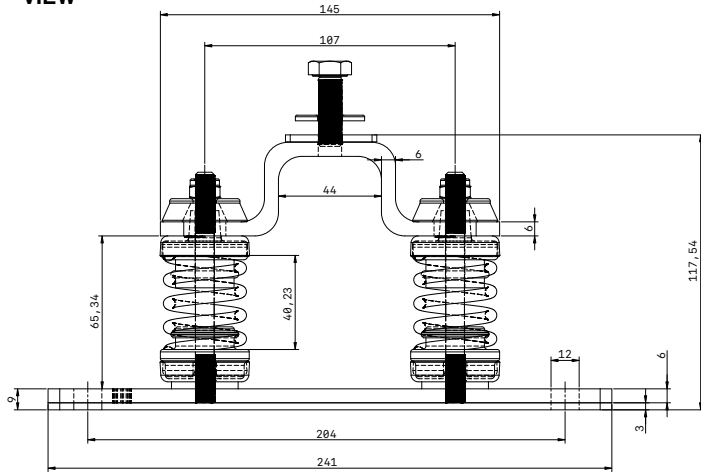
Chart 3



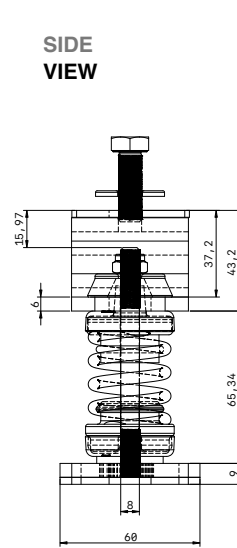
SEÑOR Aisladores Acústicos

Ref. TAV-4000/IX 240 R

FRONT VIEW



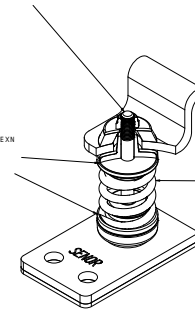
SIDE VIEW



ANTI-ROLL SYSTEM

STEEL SHAFT
It avoids the torsion of the system

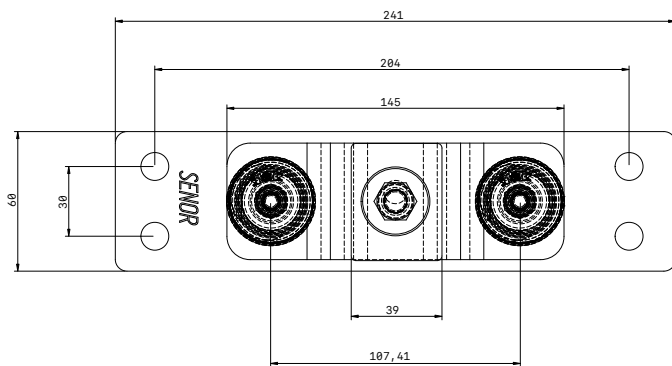
POLYMER TC-6/EXN
KRAIBURG-TPE
COLOUR: RED



HELICOIDAL SPRING
(D) Spring diameter: 5.6 mm
Active coils: 4.2
(Do) External diameter: 37 mm
(Lo) Length without load: 48 mm

The anti-roll system has 2 stainless steel rods which are essential in the fire resistance system. This anti-roll system strictly complies with the Spanish Standard **UNE-37-507-88**.

PLAN VIEW



DETAIL



240
TYPE
Hybrid mount with anti-roll system
New





Ref. TAV-4000/IX 240 R

New

240

TYPE
Hybrid mount with **anti-roll** system



HYBRID MOUNT WITH ANTI-ROLL SYSTEM FOR THE VIBRATION FROM MACHINES ON THE FLOOR

We hereby certify

All our industry products, Ref. **TAV-4000/IX** included, for WALL structures has a lifetime of 3000 florida hours (UV and Weather Resistance Test according to PV3930 (Florida).

Instrumentation:

Test Results after 3000 hours, according to CIELAB (DIN 6174) and DIN EN 20105-A02.

Xenon Test Chamber with water spray mod. 3100 HS.

Colorimeter Datacolor mod. Spectroflash 450.

Weathering Condition.

Test time: 3000 h. **Irradiation:** 0,5 W/m² (340 nm)
Black panel: 65 °C **Air temperature:** 35-45 °C
Relative humidity: 60 - 80%

SENROR also certifies

TAV-4000/IX MODEL

All our industry products **MACHINES ON THE FLOOR** have an optimal lifetime of **10 years** provided that the installation is carried out under ordinary **environmental conditions** and are not exposed to chemical components that could degrade the product. The **TAV-4000/IX** model strictly complies with the Spanish Standard UNE 100-153-88: air conditioning: vibration insulators: design criteria.

New

240

