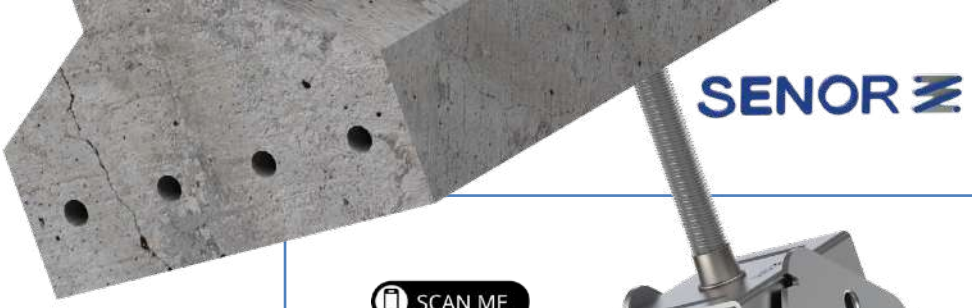
A6-H 50A C

RUBBER HANGER FOR DOUBLE THREADED ROD WITH ANGLE CORRECTING SYSTEM



The **A6-H 50A C** is a high quality acoustic **RUBBER** hanger. It is devised to provide quality and performance to any given acoustic system. It is used in the installation of acoustic ceiling with galvanized steel channels or similars.

The **A6-H 50A C** has in its metal frame double rotatory rivets (**RT-10**) which allows to adjust the angle between both threaded rods. Moreover, it ensures the polymer compression to be always axial and do not working by torsion which avoid not required deformations of the polymer. In this way, an excellent performance of the elastic system is obtained.

- The polymer: the polymer is named **KRAIBURG-TPE** tested according to Spanish Standard **UNE-EN ISO 10846-1:2009.**

✓Resonance frequency: **7-15 Hz**.

SCAN ME

TYPE
Rubber hanger with angle correcting system

45

I+D+i

*This product has been registered in the **Spanish Patents and** Trademarks Office.

USES

This model has two locking holes in order to place the piece in the required position and hang acoustic ceilings

REF	COLOUR	METRIC MIN-MAX	CHANNEL (mm)	LOAD (Kg) MIN-MAX	PACKING
SE-A6-H 50 A/C		6 - 8	All types	20 - 45	30

Ref. SE-A6-H 50A C

Laboratory test UNE-EN ISO 10846-1:2009

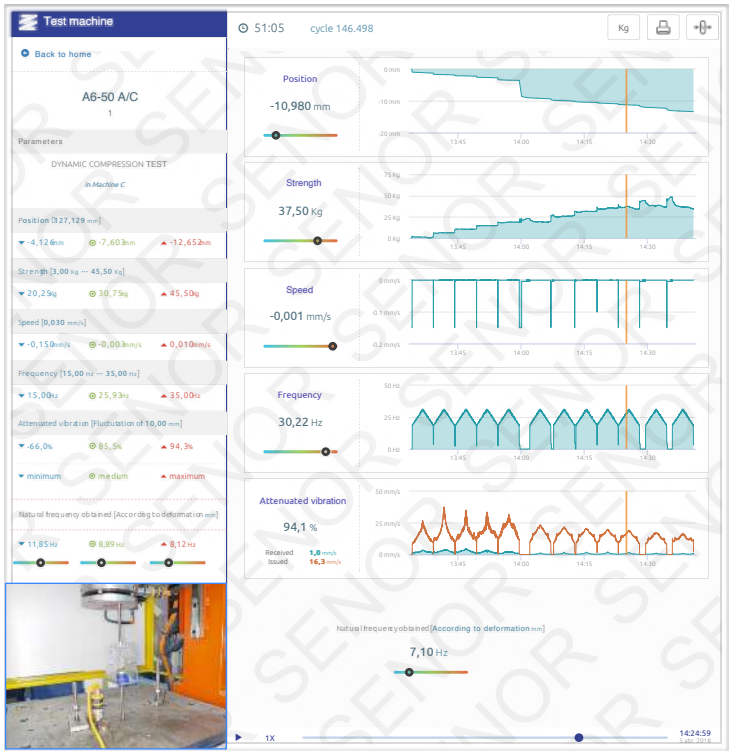


Chart 1

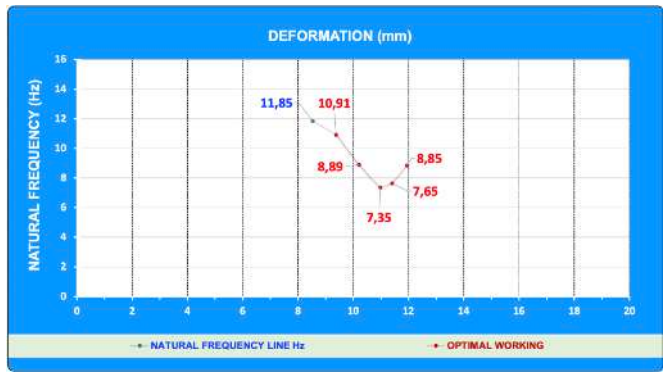


Chart 2

Results

LOAD (kg)	DEFORMATION (mm)	RESONANCE FREQUENCY (Hz)	SWEEP (Hz)		SOUNDPROOFING LEVEL (%)	
20	8,53	11,85	25	50	71,02	94,05
25	9,38	10,91	25	50	76,48	95,00
30	10,20	8,89	25	50	85,52	96,74
37	10,98	7,10	25	50	91,23	97,94
40	11,40	7,65	25	50	89,67	97,60
45	11,95	8,85	25	50	85,67	96,77

KRAIBURG TPE

TC5EXN THERMOLAST® K

Products properties		
Name of the product	TC5EXN	
Colour / RAL DESIGN	Blue	
Processing method	Extrusion, Injection Molding	
Mechanical properties		
Hardness	46 +- Shore A	DIN ISO 7619-1
Density	1.176 g/cm³	DIN EN ISO 1183-1
Tensile Strength[1]	6.3 MPa	DIN 53504/ISO 37
Elongation at Break[1]	825 %	DIN 53504/ISO 37

[1]Deviating from ISO 37 standard test piece S2 is tested with a traverse speed of 200 mm/min..

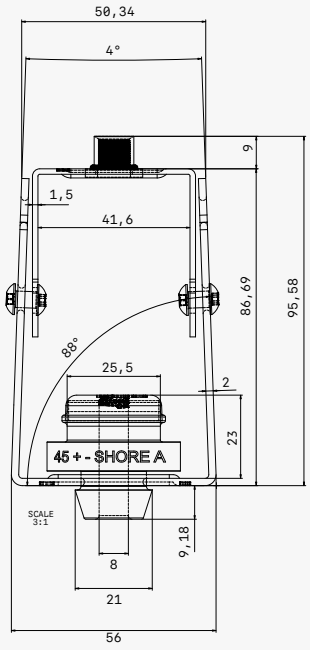
All values published in this data sheet are rounded average values.

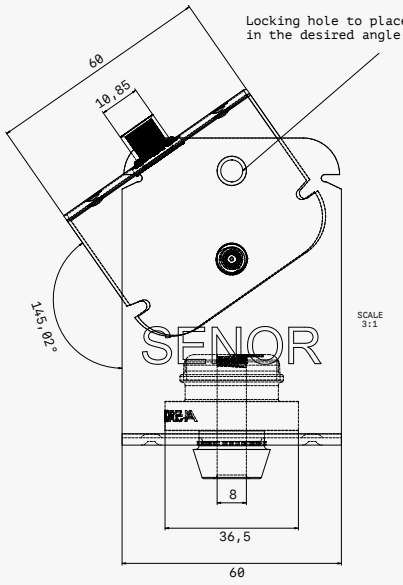
Youtube

SENOR Aisladores **Acústicos**

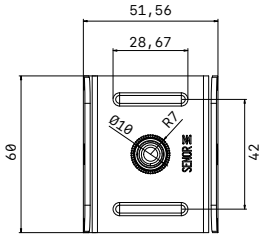
Ref. SE-A6-H 50A C

FRONT VIEW

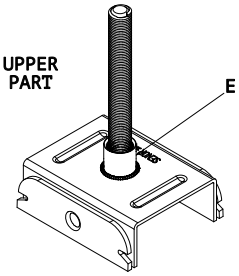




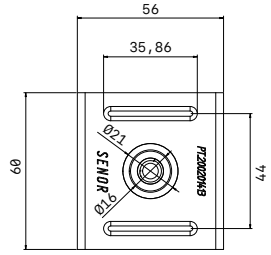
SIDE VIEW



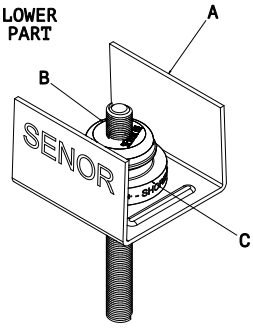
UPPER PART

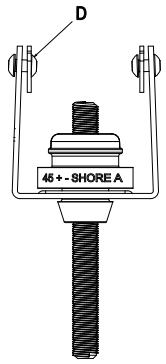


PLAN VIEW



LOWER PART





MATERIALS

This acoustic hanger is composed of:

- A: **Metal frame 2x135** made of galvanized steel according to The Standard **EN 10204/DIN50049/ISO404**.
- B: **Bowl shaped leveller 1,5x41** made of cold rolled steel according to deformation EN 10204/DIN50049/ISO404. Transformation according to iron and steel Standard **EN 10346:2009**. Steel quality: **DC03 AM O**. Zinc covering 300 gr/m².
- C: The polymer: the polymer is named **KRAIBURG-TPE/ TC5EXN. Hardness:** 45 +- 5º SHORE A. **Colour**: Blue. Hardness according to **ISO 48-4 o DIN ISO 7619-**1.
- D: **Rotatory rivets:** made of aluminium of 6x8 according to the Standard **UNE-EN ISO15977**.
- E: **Blind rivet nut M8: Ref. 0371108011** RANURADA/GROOVED 10.9x17.

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Note

POSITION
This acoustic hanger can be placed in tilting position or right

USES

This model has two locking holes in order to place the piece in the required position and hang acoustic ceilings

SCAN ME

TYPE
Rubber hanger with angle correcting system

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SENOR **certifies**

A6-H 50 A/C MODEL

SENOR reserves the right to make changes in specifications at any time without prior notice. It is a responsibility of the user to use the latest and updated version of the product data sheet. **A copy of which will be available on request.**

The Standard: UNE-EN 13964:2016/A1
Use: Installation of acoustic ceilings

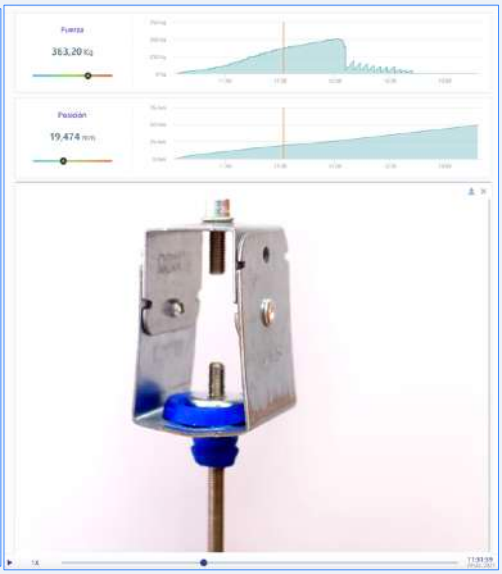
Youtube

SENOR Aisladores **Acústicos**

Ref. SE-A6-H 50A C

DEFORMATION AND BREAK TEST

Applied load: 164,70 kg



Applied load: 363,20 kg

Applied load: 500,80 kg

Date
SENOR 29 December 2021

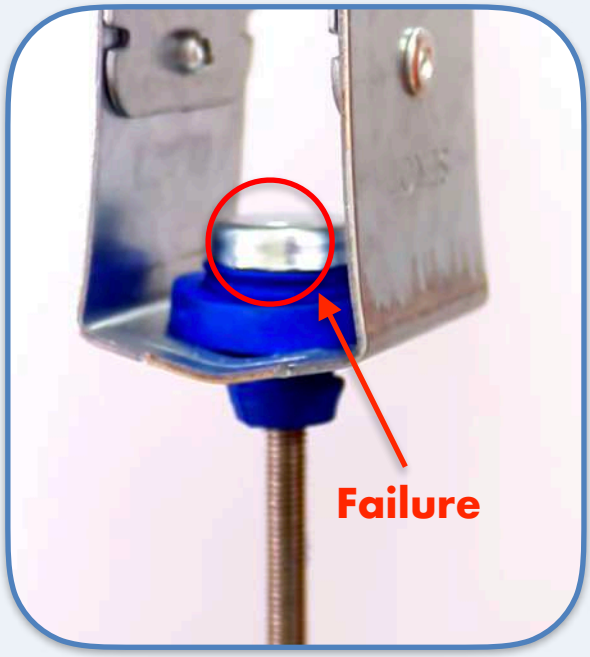
Failure mode

This hanger exceeds the elastic limit of the bowl shaped leveler by reaching **500,80 kg.** In this case, the load line goes down reaching **4,00 kg**.

The burst test is concluded.

Conclusion

This hanger is designed to bear loads between **20-50 kg** (maximum load) It strictly complies with standard **UNE-EN 13964:2016/A1**. Suspended ceiling. Requirements and test methods. (UNE: Spanish Association for Standardization).



TYPE
Rubber hanger with angle correcting system

New

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SCAN ME