

A6-E 50A/C

RUBBER DAMPER **DIRECTLY ATTACHED TO THE SLAB**
AND THE ANGLE CORRECTOR

The **A6-E 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.

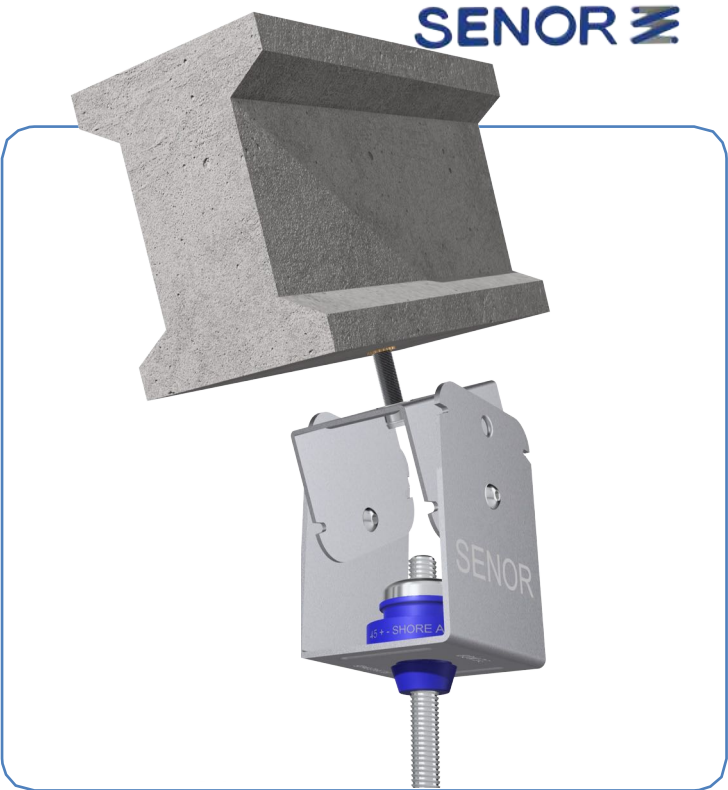
The **A6-E 50A/C** has in its metal frame double rotatory rivets (RT-10) which allows to adjust the angle between both threaded rods. Moreover, it ensures the polymer compression to be always axial and do not working by torsion which avoid not required deformations of the polymer. In this way, an excellent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

TYPE
Rubber hanger with angle
correcting system

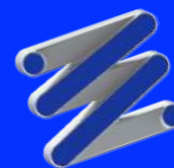
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APPLICATION

High-performance
dampener for acoustic
suspended ceilings

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



Ref. SE-A6-E 50A/C

Laboratoy Test UNE-EN ISO 10846-1:2009

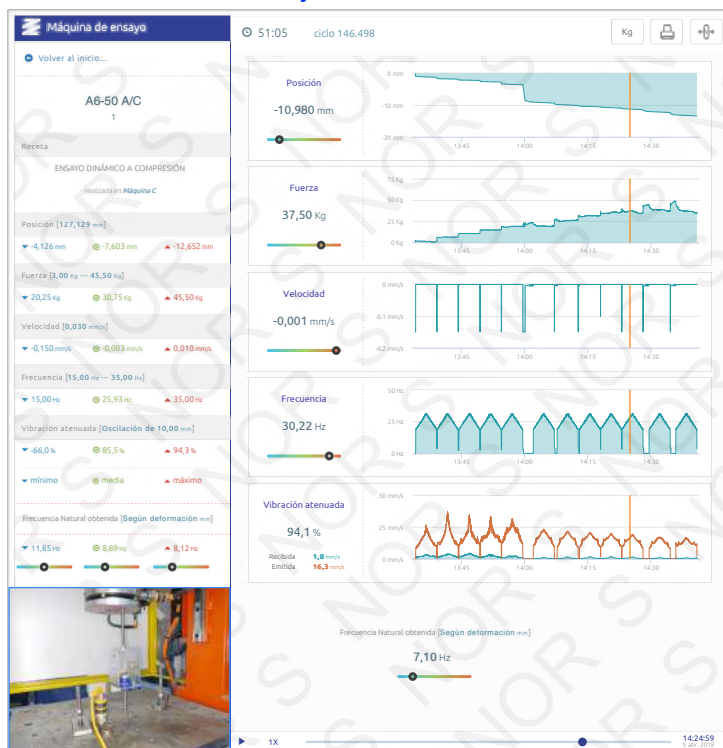


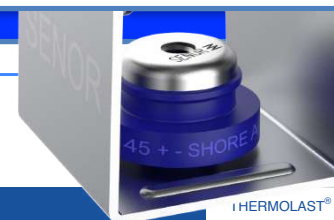
Chart 1



Chart 2

Results table

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



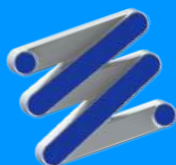
TC5EXN

HERMOLAST® K

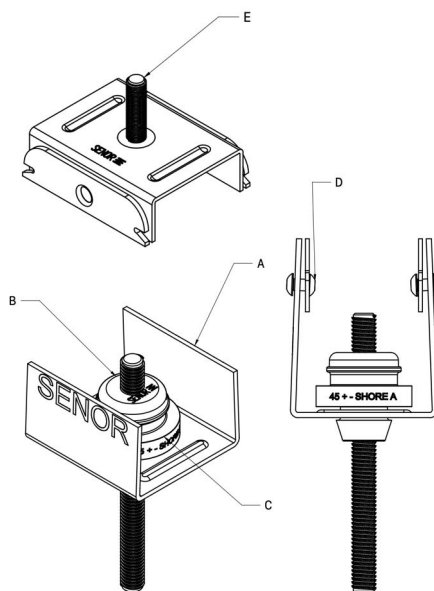
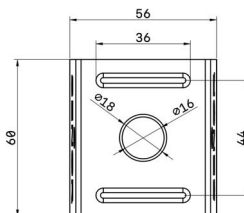
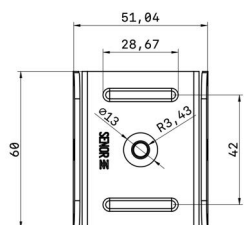
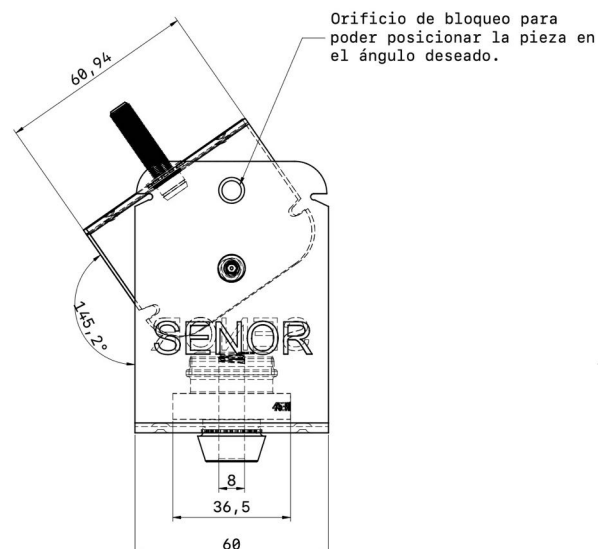
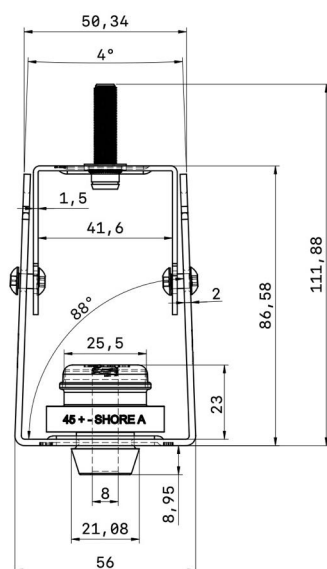
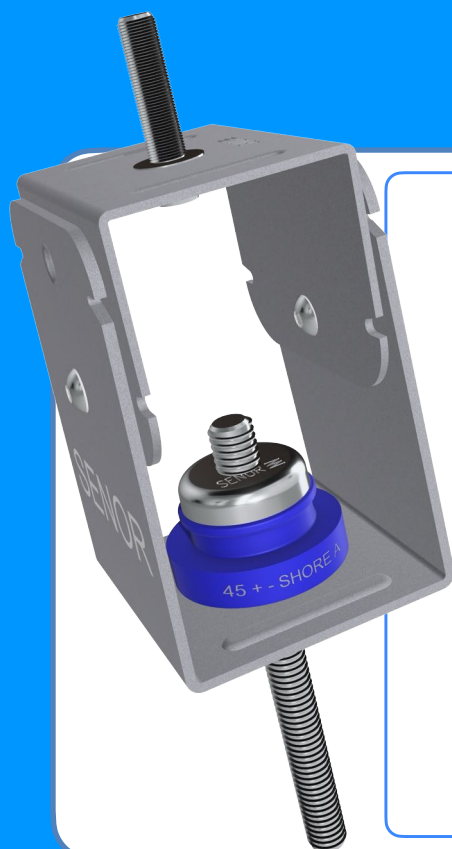
Propiedades del producto

Nombre del compuesto	TC5EXN	
Color / RAL DESIGN	Azul	
Método de procedimiento	Extrusion, Injection Molding	
Propiedades mecánicas		
Dureza	46 + Shore A	DIN ISO 7619-1
Densidad	1.176 g/cm ³	DIN EN ISO 1183-1
Resistencia a la tracción ¹	6.3 MPa	DIN 53504/ISO 37
Elongación hasta la rotura ¹	825 %	DIN 53504/ISO 37

¹Desviándose de la norma ISO 37, la pieza de prueba S2 se prueba a una velocidad transversal de 200 mm/min.
Todos los valores publicados en esta hoja de datos son valores de promedio redondeados Límites



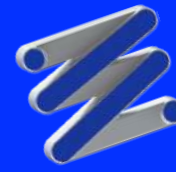
Ref. SE-A6-E 50A/C



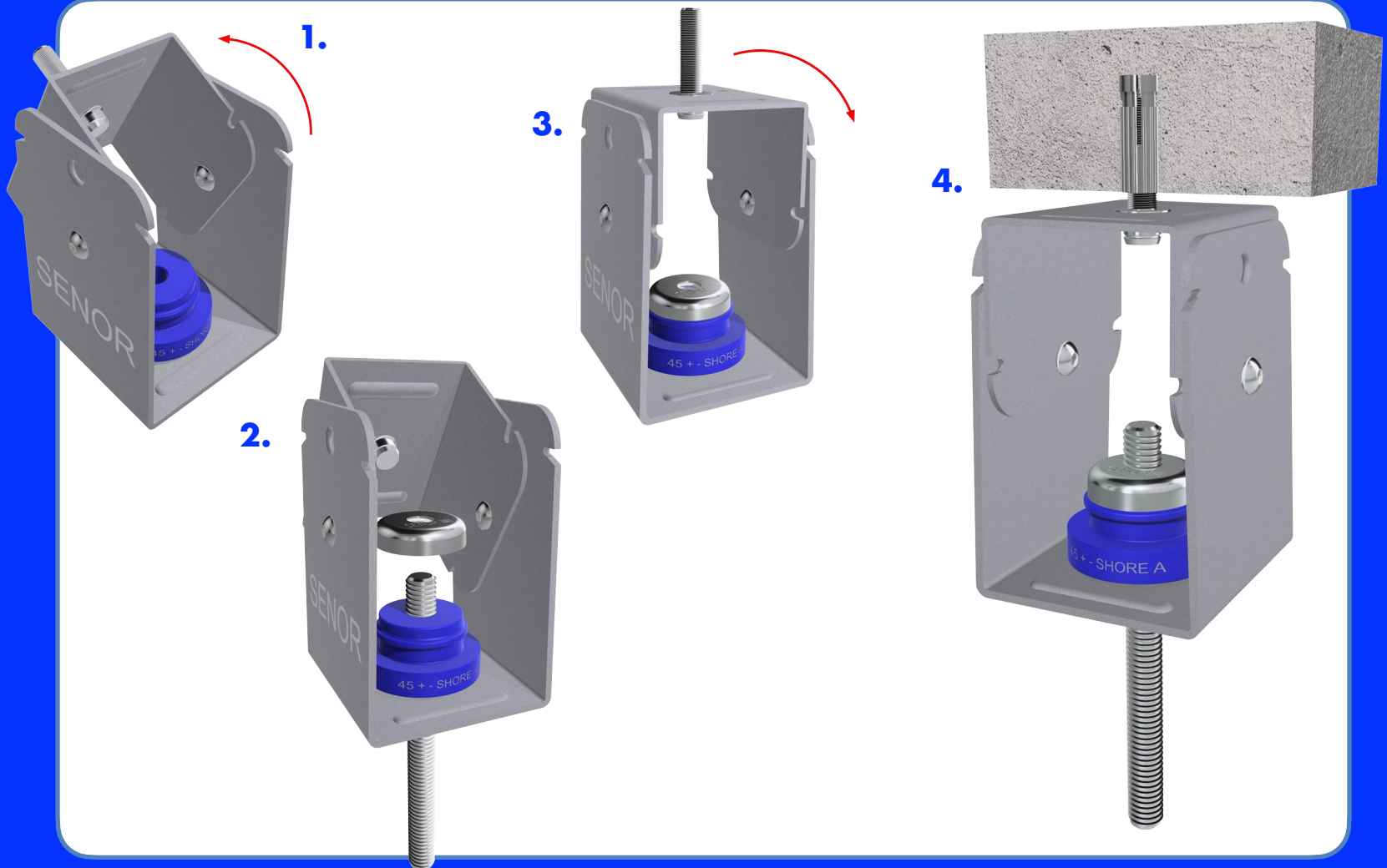
MATERIALS

It is characterized by the following components:

- A: 2x **Metal housing 2x135**; Manufactured from galvanized steel in accordance with Standard **EN 10204/DIN50049/ISO404**.
- B: 1x **Leveling Cup 1,5x41**; Manufactured from laminated steel in accordance with Standard **EN 10204/DIN50049/ISO404**. Processed in accordance with steelwork standard **EN 10346:2009**. Steel grade **DC03 AM O**. Zinc coating: 300 gr/m2.
- C: 1x Polymer: **KRAIBURG-TPE / TC5EXN**. Hardness: 45 +- 5° SHORE A. Colour: **Blue**. Hardness measured in accordance with **ISO 48-4 o DIN ISO 7619-1**
- D: 2x **High-precision rivets**: manufactured from 6x8 aluminum in accordance with **UNE-EN ISO15977**.
- E: 1x **6x25 or 8x25** rivet stud made of zinc-plated steel.

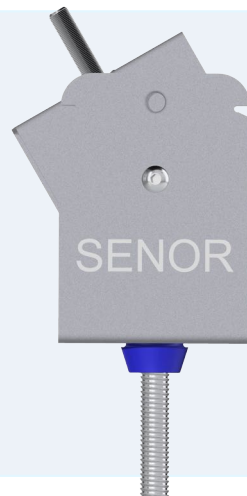


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TYPE
Rubber hanger with angle
correcting system

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SENOR certifies

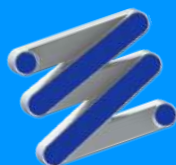
MODEL A6-E 50 A/C

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



Ref. SE-A6-E 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

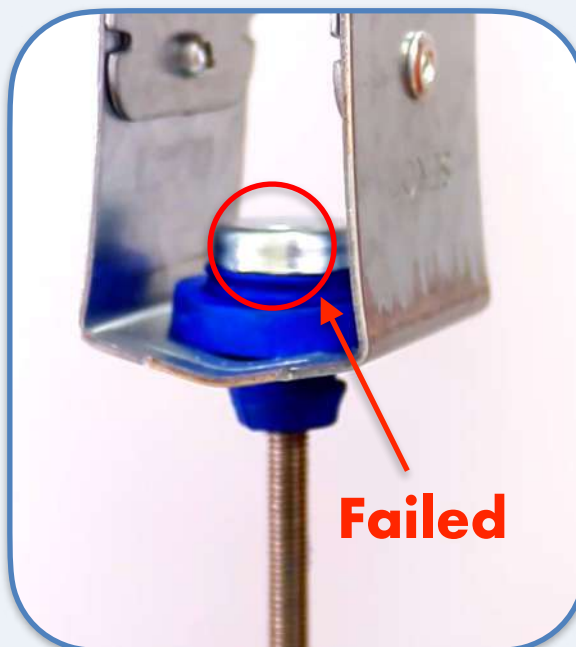
Failure mode

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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