

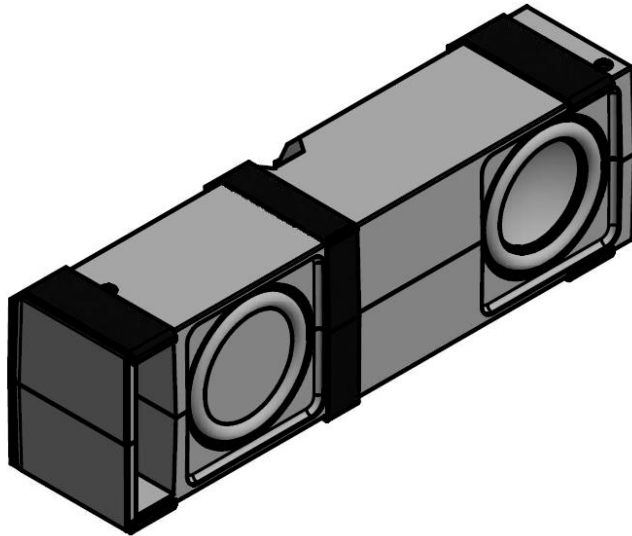
ELAC	Id. No.:	84058	Date:	27.11.2018
	IDTV22 LSU		Page:	1 of 3

Speaker specification

Speaker Box

IDTV22 LSU

Id.-No. 84058



General spec:

- ABS cabinet
- 6.1 Ohms R_{DC} ($\pm 7\%$)
- Aluminum cone
- Longlife rubber surround
- Neodymium magnet system
- 6 W rated input power
- 2 passive radiators (impulse-compensated arrangement)

General electrical specification

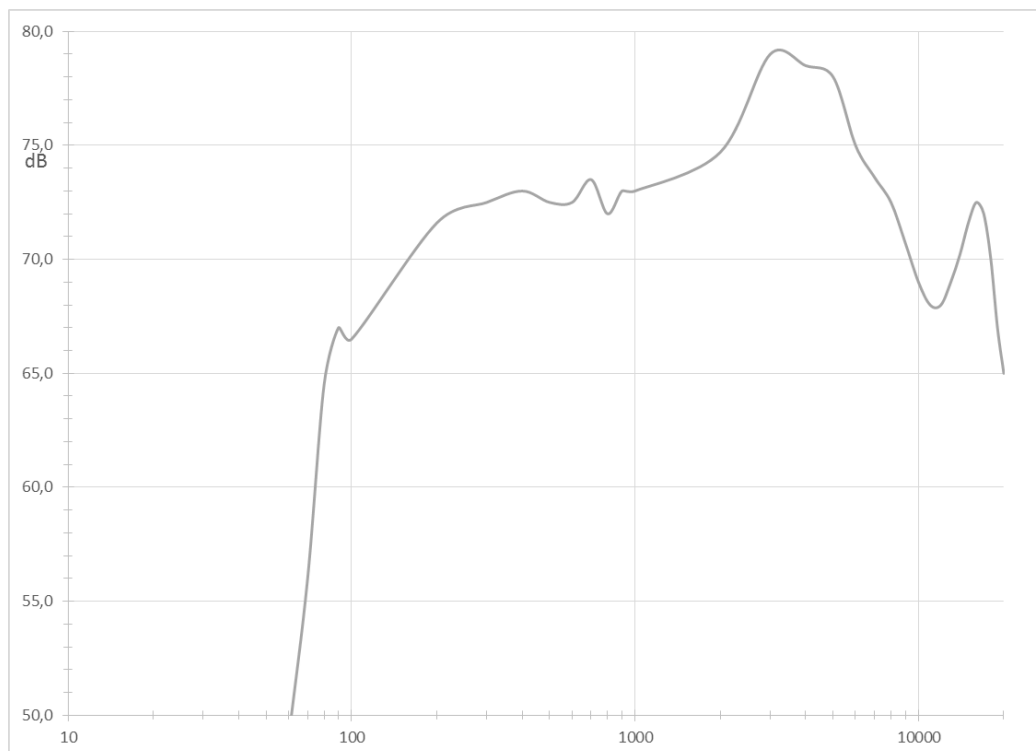
<i>Item</i>	<i>Specification</i>
Diameter driver	47 mm (1 x)
Diameter passive radiator	47 mm (2 x)
Electrical voice coil resistance	6.1 Ohm \pm 7 %
Rated input power	6 W
Frequency range	92 Hz - 17 kHz @ -6 dB 82 Hz – 18,5 kHz @ -10 dB
SPL (1m for 1W @ Zn)	73 dB (average 300 Hz – 1 kHz)
Magnet	Neodymium
Speaker weight	218 g \pm 5 %
Power handling test	6.5 V _{RMS} pink noise broadband, 24 hours
Materials	Basket: 0.5 mm sheet metal (black powder coated) Cone: Aluminium cone Surround: rubber Cabinet: ABS
Connector	JST XARR-02VF
Miscellaneous	Self-adhesive foam stripes (3 x) Breathable sticker to close ventilation hole (1 x)
Dimensions	50,3 x 170,9 x 40,2 mm (H x W x D) Please refer to ELAC drawing 04058 IDTV22 LSU Abmessungen

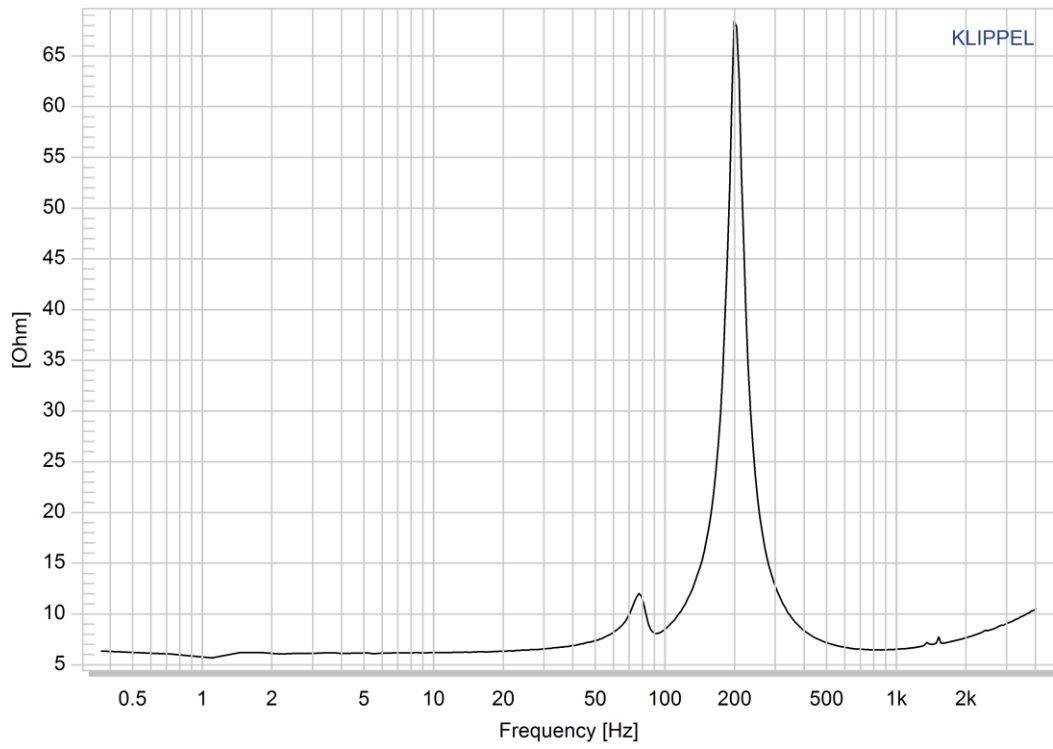
Frequency response

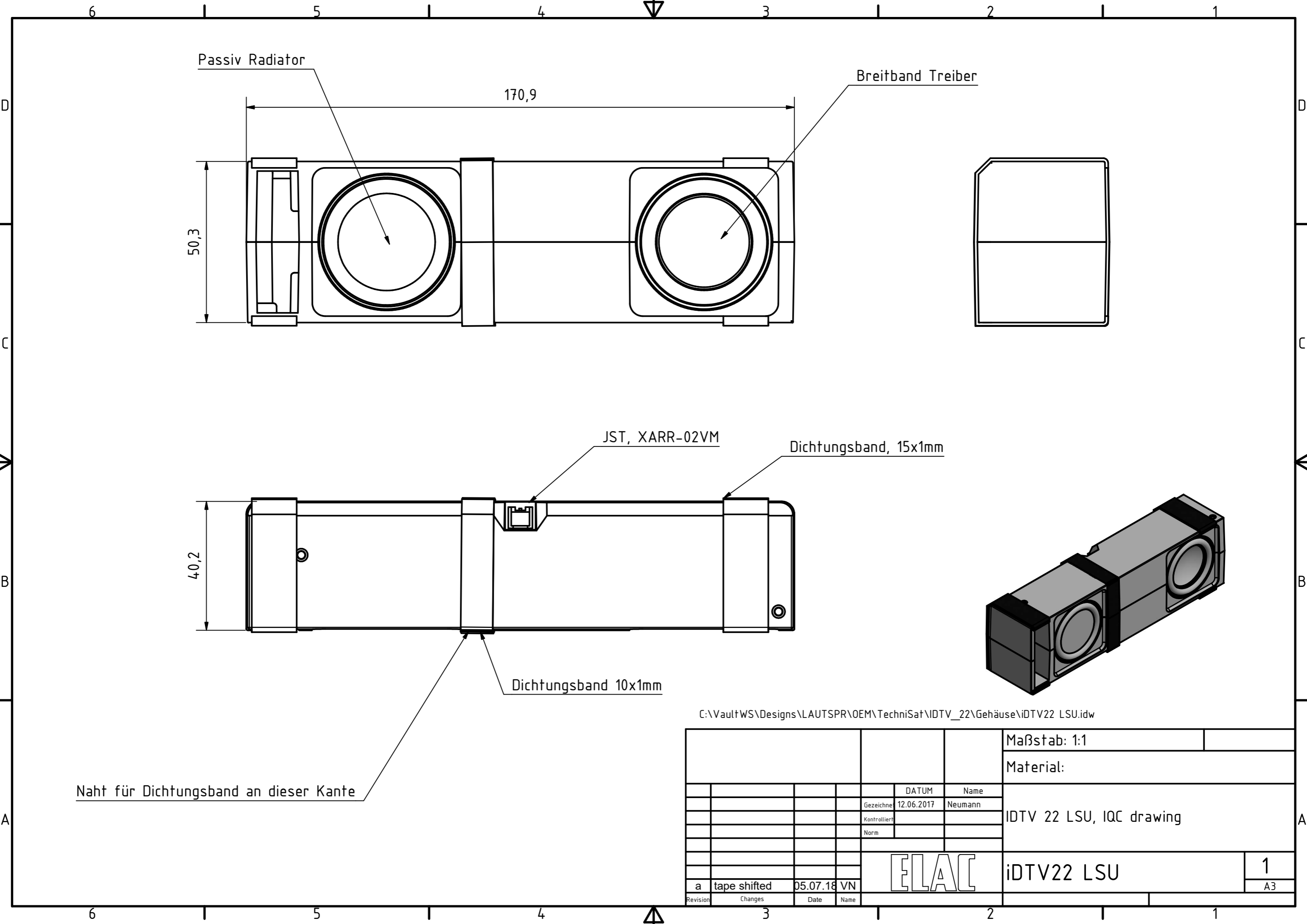
Free field measurement without baffle correction

Distance to microphone: 1 m

Position: On-Axis



Impedance curve



Passiv Radiator

Breitband Treiber

170,9

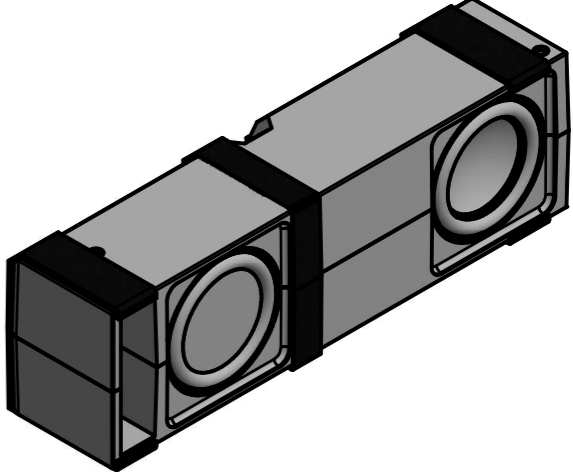
50,3

JST, XARR-02VM

Dichtungsband, 15x1mm


40,2

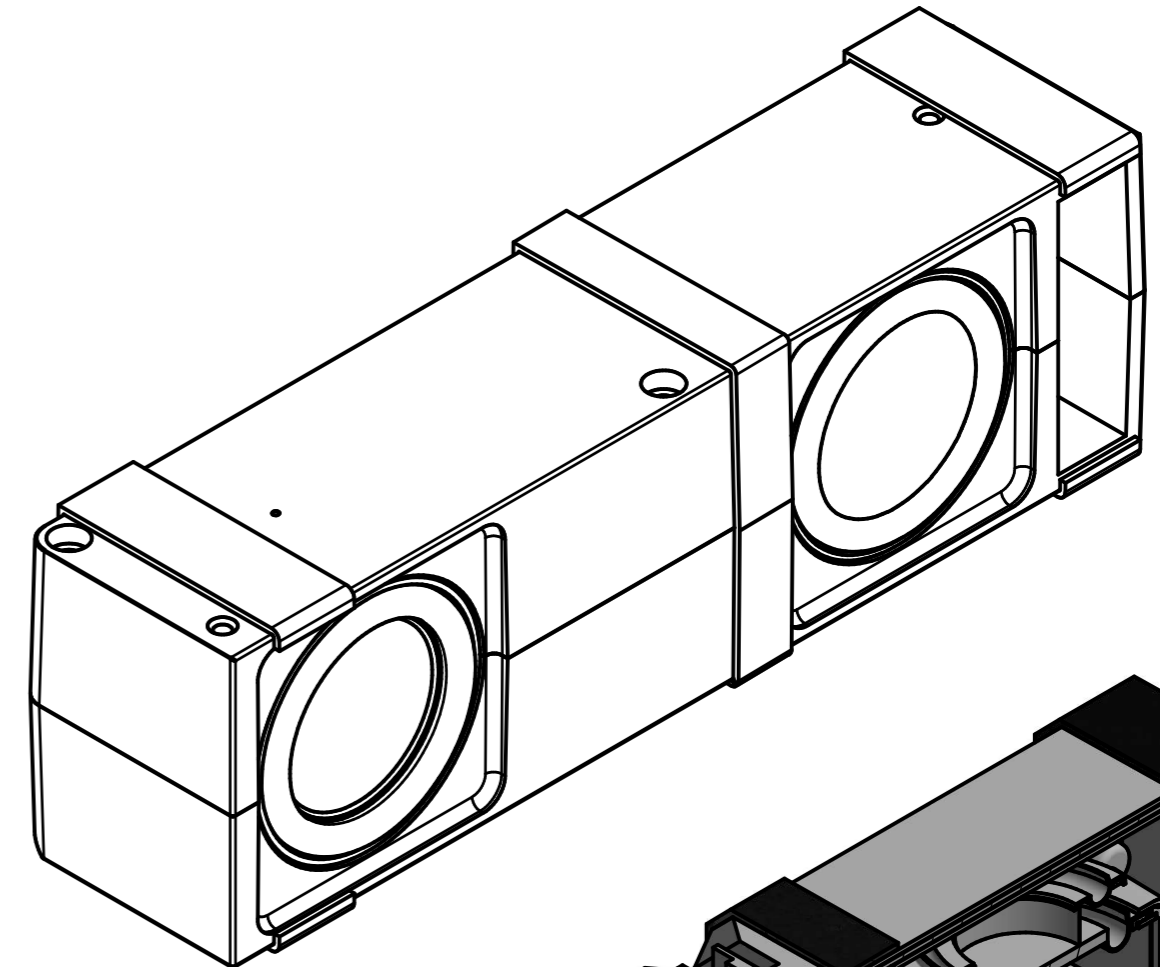
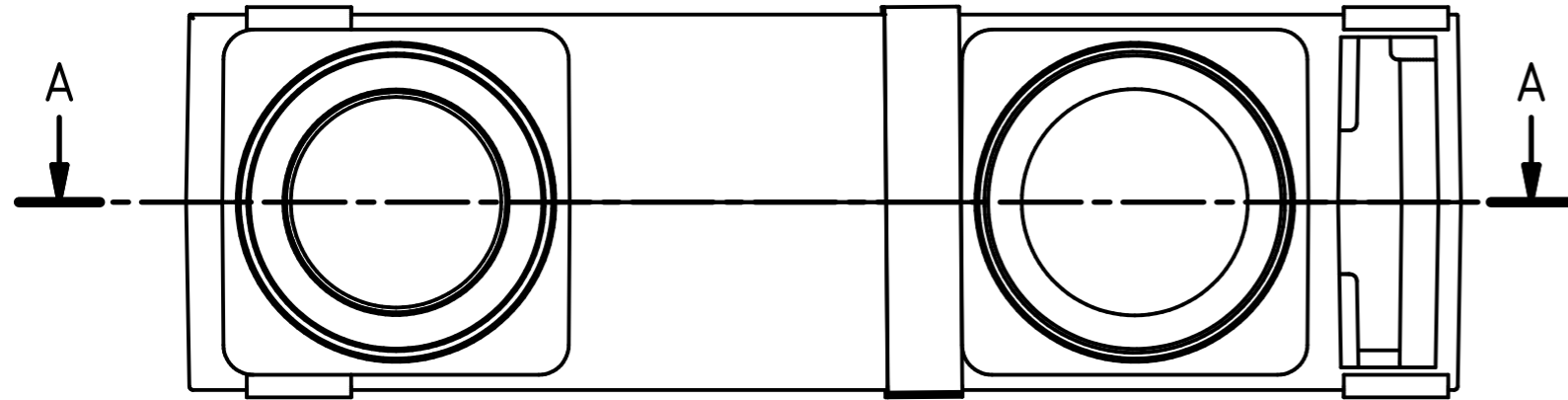
Dichtungsband 10x1mm



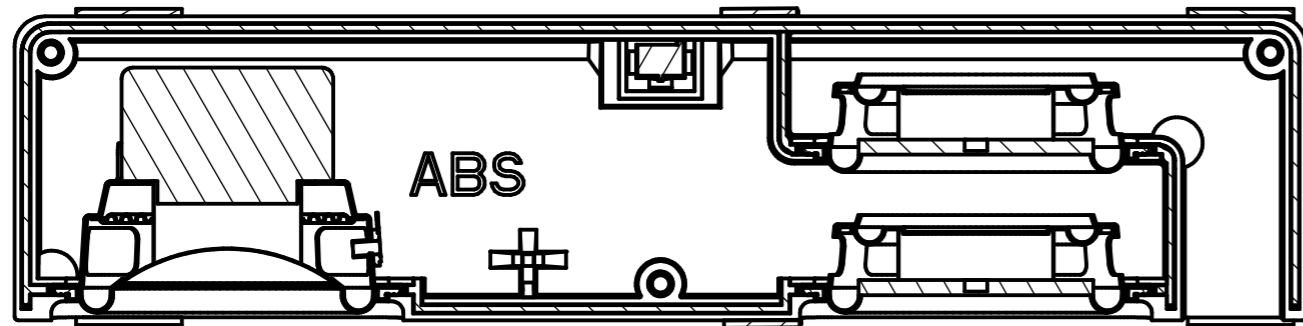
Naht für Dichtungsband an dieser Kante

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				Maßstab: 1:1	
				Material:	
				IDTV 22 LSU, IQC drawing	
					
a		tape shifted	05.07.18	VN	IDTV22 LSU 1 A3
Revision	Changes	Date	Name		



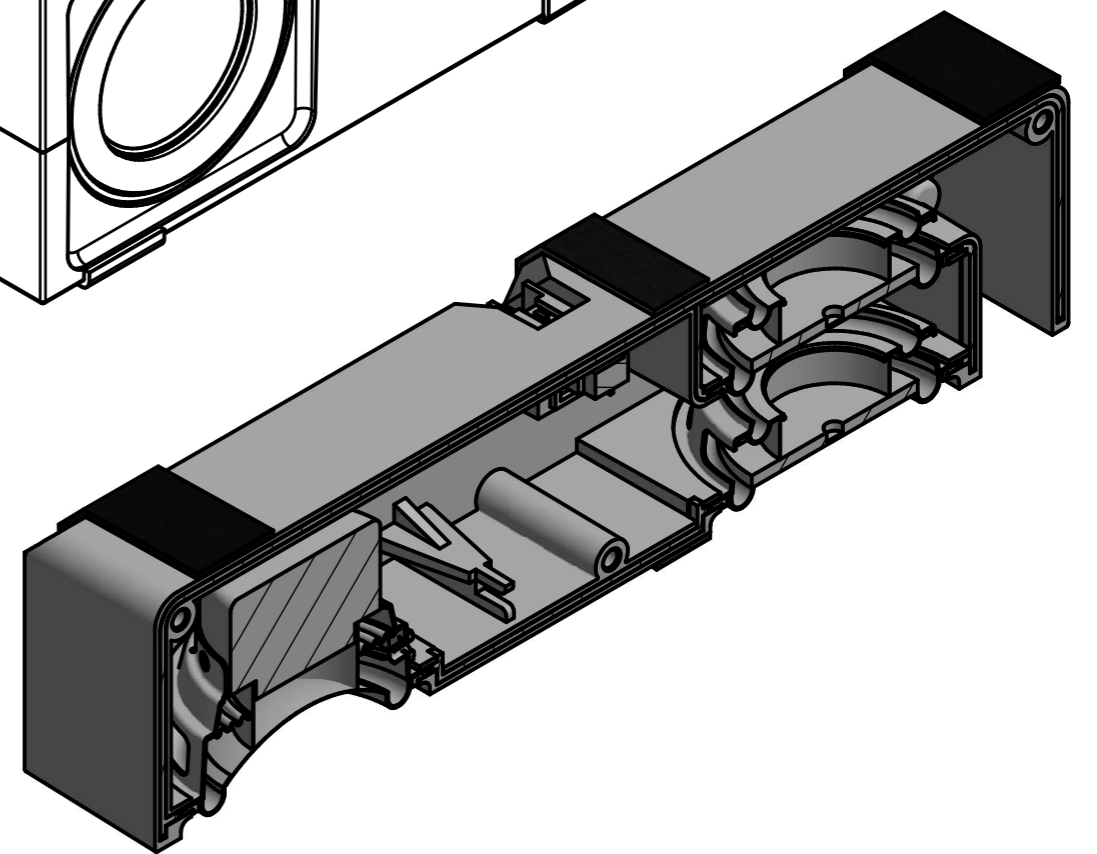
A-A (1:1)



Aktiver Treiber
(mit Magnet)

Passive Treiber
(ohne Antrieb)

Passive Treiber entsprechen in Ihrer
Funktion einem Bassreflexrohr



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				Maßstab:		
				Material:		
				IDTV 22 Speaker		
				iDTV22 LSU Prinzip		1
						A3
Revision	Changes	Date	Name			

