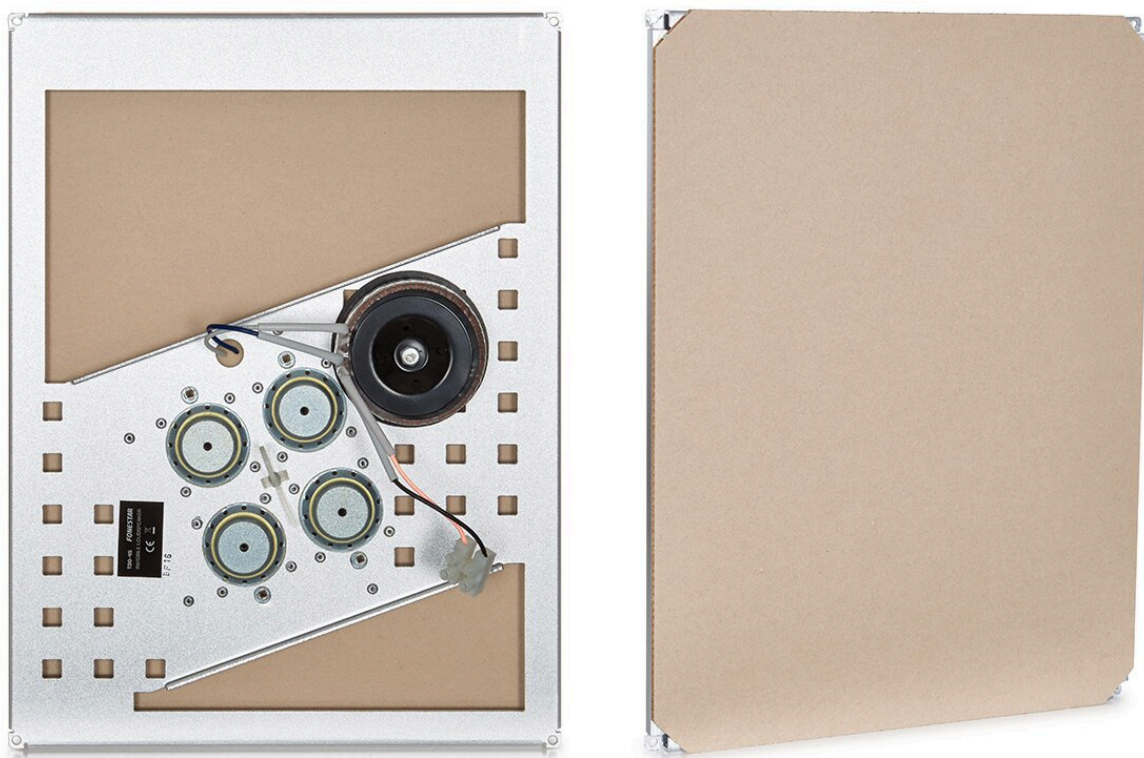


PUBLIC ADDRESS / SPEAKERS / SURFACE

TDO-45

70 AND 100 V LINE TRANSFORMER SURFACE SPEAKER



- ✓ Create a musical ambience without any visual impact
- ✓ Non-directional sound, wide coverage with great sound quality
- ✓ Long service life



+ Info:
<https://fonestar.com/TDO-45>

ESPECIALLY RECOMMENDED IN:



Hospitality



Retail



Hotels



All sectors

DESCRIPTION

Invisible surface speaker. 40 W RMS@100 V. Installation in plasterboard/gypsum panels.

TECHNICAL CHARACTERISTICS

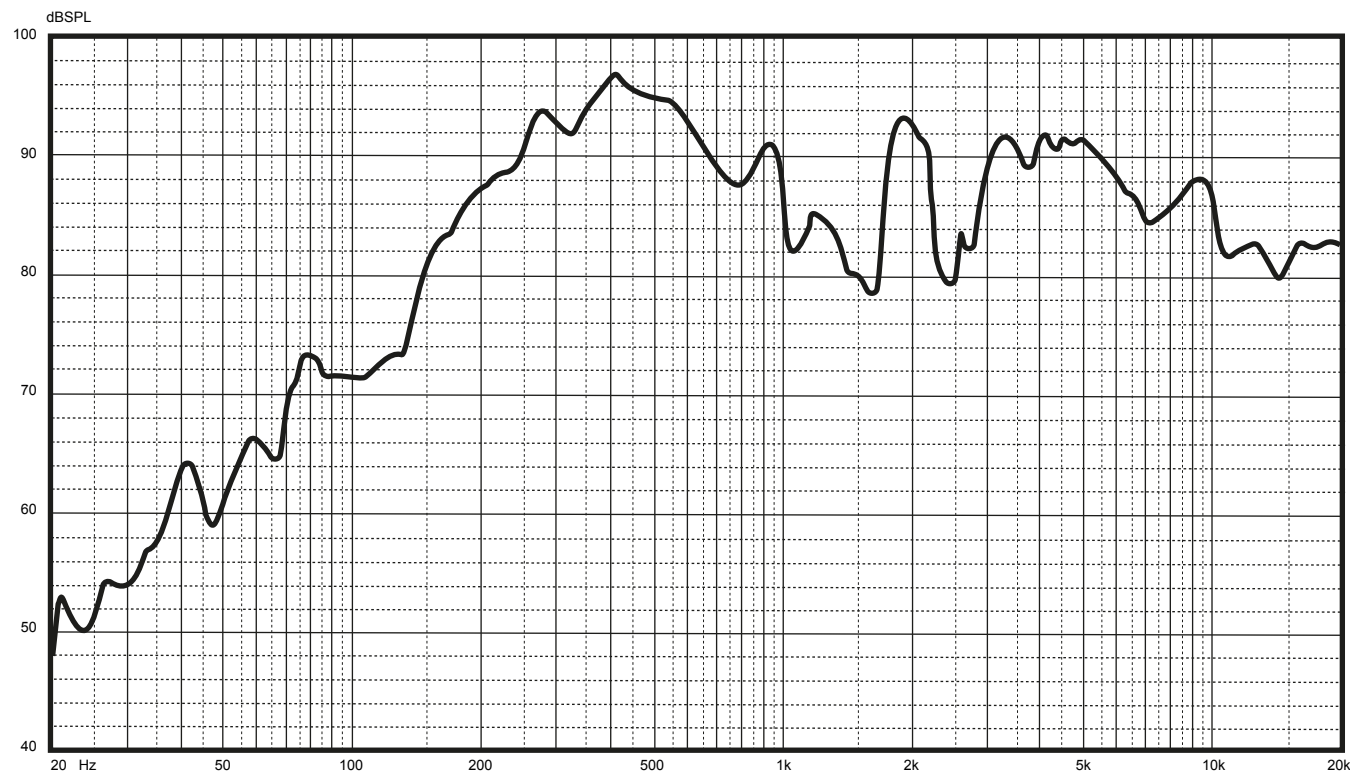
FEATURES	Invisible loudspeaker with 70 and 100 V line transformer Plasterboard panel installation, with accessories for installation in 12.5 mm plasterboard. Sound is produced via radiating surface vibration. Non-directional sound. Long product life.
POWER	60 W maximum, 40 W RMS
DRIVERS	4
RESPONSE	140-20,000 Hz
IMPEDANCE	High Z 100 V line: 250 Ohm (40 W)
SENSITIVITY	90 dB $\pm$ 3 dB at 1 W/1 m
DISPERSION	180°
MATERIAL	Aluminium
DIMENSIONS	300 x 400 x 50 mm depth
WEIGHT	1.45 kg
ACCESSORIES	1 cutting template 4 MDF wood installation dowels with foam 8 screws
OPTIONAL	TDO-45BOX: installation box



+ Info:

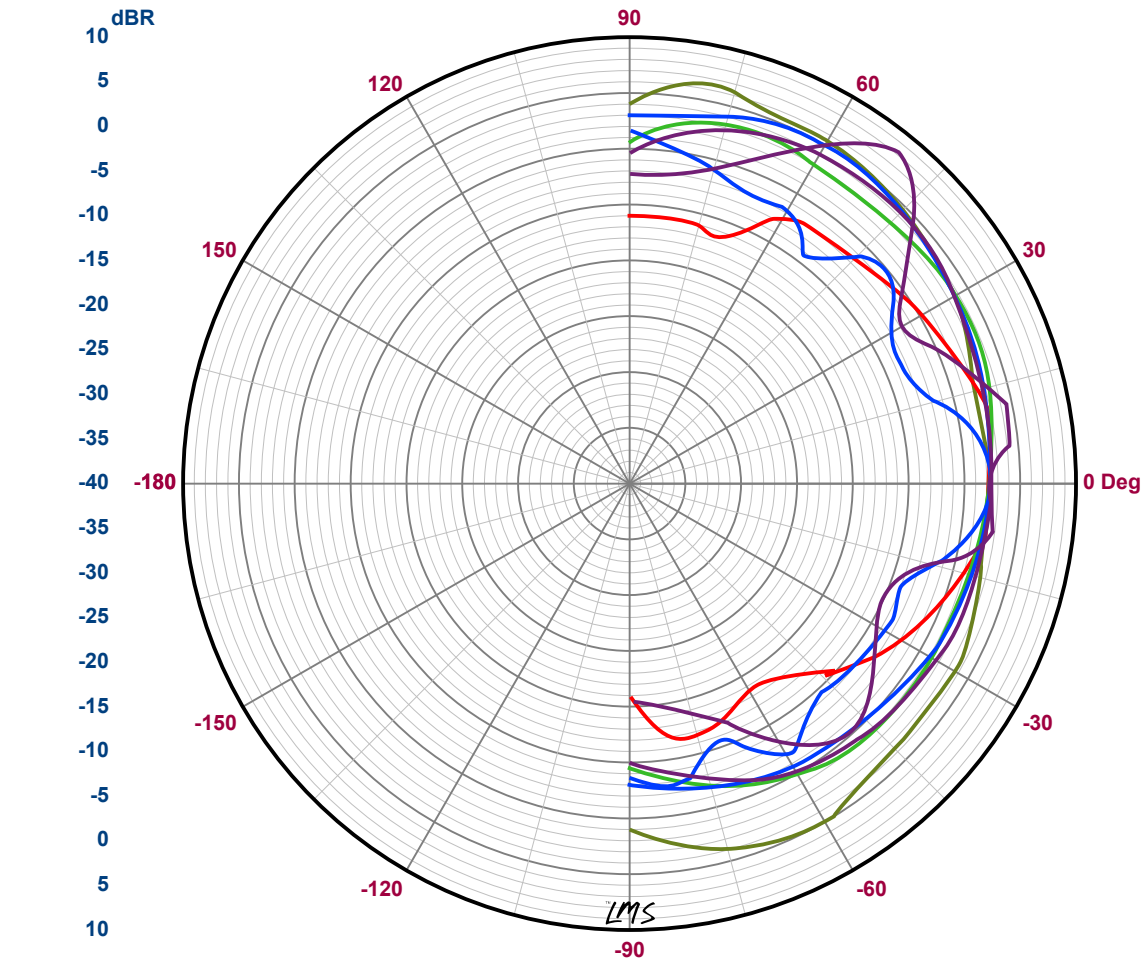
<https://fonestar.com/TDO-45>

SPL vs Freq



Escala: -;-;-	A4	Proyecto:	FONESTAR Polígono de Trascueto s/n 39600 Revilla de Camargo Tel: +34 942 254 555 Fax: +34 942 262 777 Web: www.fonestar.es
TDO-45 SPL-FREQ		Código:	
Autor:		Fecha: 2023-10-19	
Revisado:--		Fecha Revisión: --/--/----	

Ratio vs Angle



Curve	Freq	BW	Q	DI
1	125.00	180	2.0	3.0
2	250.00	175	2.1	3.1
3	500.00	176	2.0	3.1
4	1.00K	180	2.0	3.0
5	2.00K	80	4.5	6.5
6	4.00K	31	11.6	10.7
7	8.00K	45	7.9	9.0

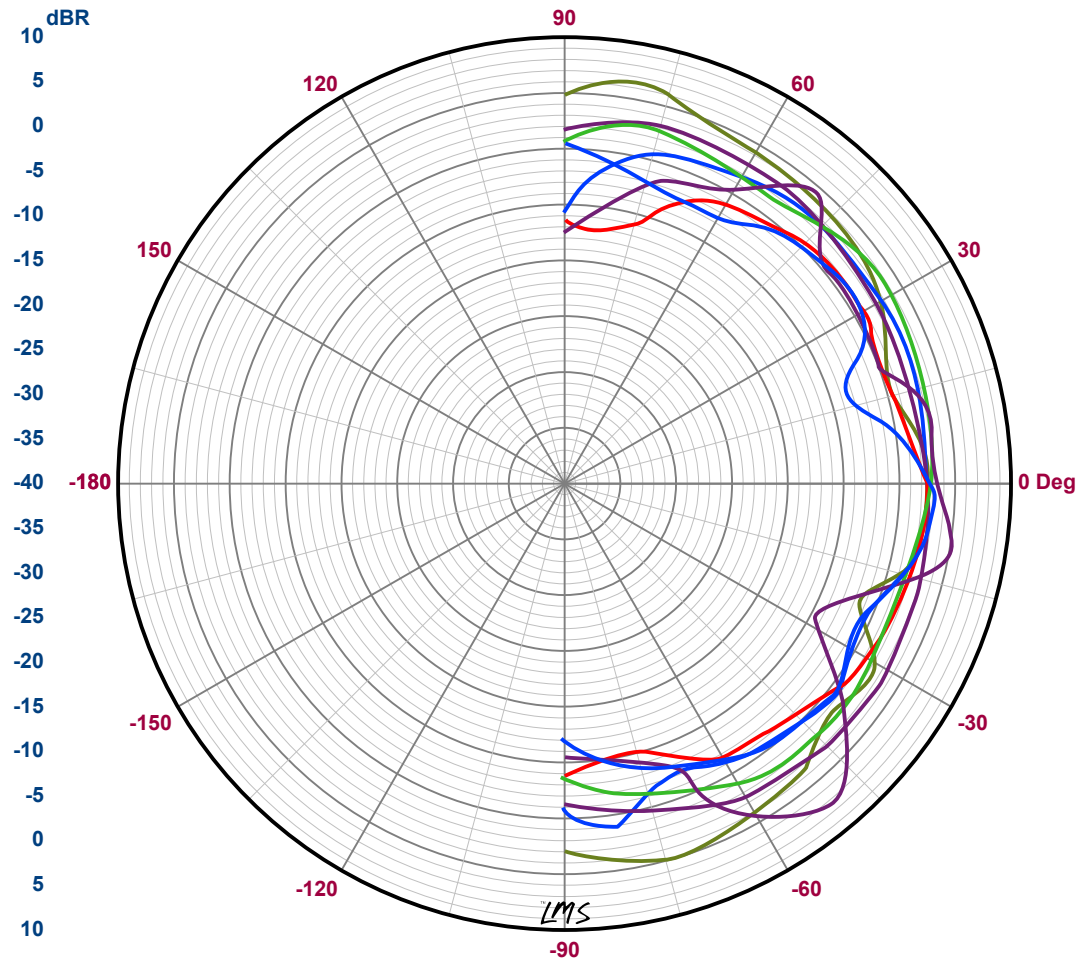
Map

20: PolarConv F= 125.0000 23: PolarConv F= 1.0000K 26: PolarConv F= 8.0000K
 21: PolarConv F= 250.0000 24: PolarConv F= 2.0000K
 22: PolarConv F= 500.0000 25: PolarConv F= 4.0000K

Escala: -;-;-	A4	Proyecto:	
TDO-45 Polar-Diagram with box		Código:	
Autor:		Fecha: 2023-10-19	
Revisado:--		Fecha Revisión: --/------	

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Ratio vs Angle



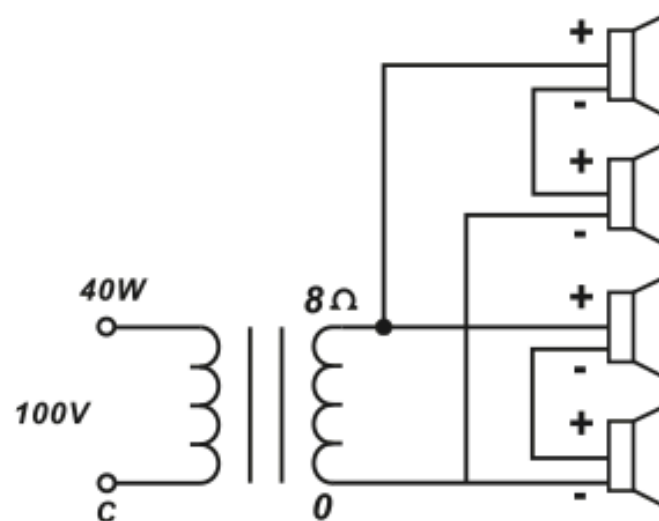
Map

20: PolarConv F= 125.0000 23: PolarConv F= 1.0000K 26: PolarConv F= 8.0000K
 21: PolarConv F= 250.0000 24: PolarConv F= 2.0000K
 22: PolarConv F= 500.0000 25: PolarConv F= 4.0000K

Escala: -;-;-	A4	Proyecto:	
TDO-45 Polar-Diagram without box		Código:	
Autor:		Fecha: 2023-10-19	
Revisado:--		Fecha Revisión: --/------	

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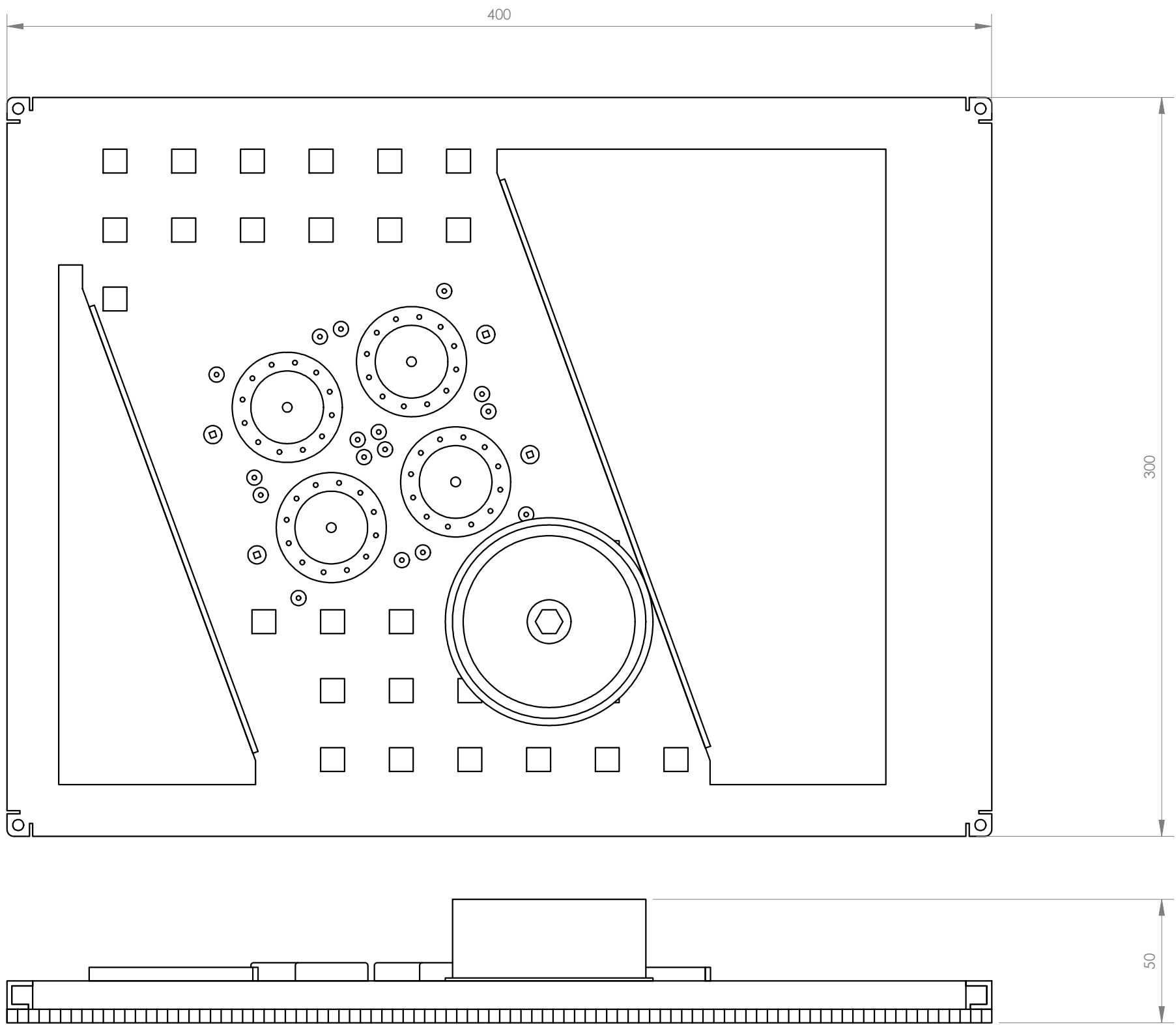
TDO45 Wiring diagram



Escala: -;-;-	A4	Proyecto:	
TDO-45_Electric Schema-Diagram		Código:	
Autor:		Fecha: 2023-10-19	
Revisado:--		Fecha Revisión: --/--/----	

FONESTAR

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FONESTAR	Model	Description	Units	Scale
	TDO-45	70 AND 100 V LINE TRANSFORMER SURFACE SPEAKER	mm	1:2