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# 12B401

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**NEW** 12" Midbass, 3" voice coil, 400 W, 97 dB



## KEY FEATURES:

- 97 db 1W / 1m average sensitivity
- 77 mm copper voice coil
- 800 W AES program power
- Powerful, ferrite 180 mm magnet structure
- Silicone spider

**PART NUMBER:** 11112F0608

## Application :

The **12B401** loudspeaker is combining good linearity and efficiency with high power handling capabilities. Back to Top  
use of 77 mm copper voice coil. It features vented aluminium die cast frame, 180 mm ferrite magnet structure and curvilinear paper cone. **12B401** is suitable for application as LF driver in small stage monitors and 2- way PA

boxes with 1" HF driver.

## SPECIFICATIONS

Nominal Diameter	12"/310 inch/mm
Impedance	8 Ohm
Minimum Impedance	6.85 Ohm
Power Capacity AES <sup>1</sup>	400 W
Program Power <sup>2</sup>	800 W
Sensitivity	(200-2000 Hz) 97 dB/W/m
Frequency Range	50 - 2500 Hz
Voice Coil Diameter	77 mm
Voice Coil Material	Copper
Voice Coil Former	Kapton™
V.C. Winding Depth	18 mm
Magnet Gap Depth	9 mm
Cone Material	Paper
Basket	Die cast aluminium
Magnet	Ferrite
Flux Density	1.3 T

## THIELE-SMALL PARAMETERS

Fs	46.63 Hz
Qms	13.93
Qes	0.250
Qts	0.245
Vas	69.60 Litres
Mms	61.90 grams
Re	5.48 Ohms
Sd	514.7 cm <sup>2</sup>
Xmax*	±6.75 mm
Cms	0.188 mm/N
BL	19.95 T.m
Le at 1kHz	1.04 mH

1. AES standard. Power is calculated on rated minimum impedance. Measurement is in 65 L box enclosure tuned 63 Hz using a 40-400 Hz band limited pink noise test signal applied continuously for 2 hours.

2. Program power is defined as 3db greater than AES Power Capacity.

\* Linear Mathematical Xmax is calculated as:  $(Hvc - Hg)/2 + Hg/4$  where Hvc is the voice coil depth and Hg is the gap depth.

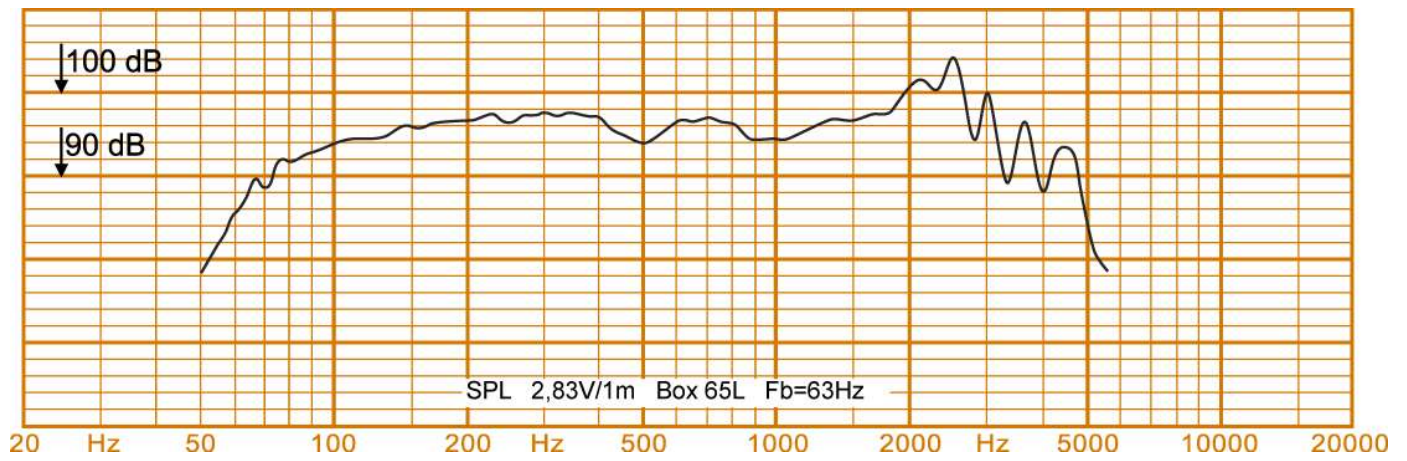
## MOUNTING INFORMATION

Overall Diameter	311 mm
Baffle Hole Diameter	280 mm
Mounting Holes	8 with dia. 7 mm
Bolt Circle Diameter	294 mm
Overall Depth	144.5 mm
Net Weight	7.25 kg

## RECONE KIT:

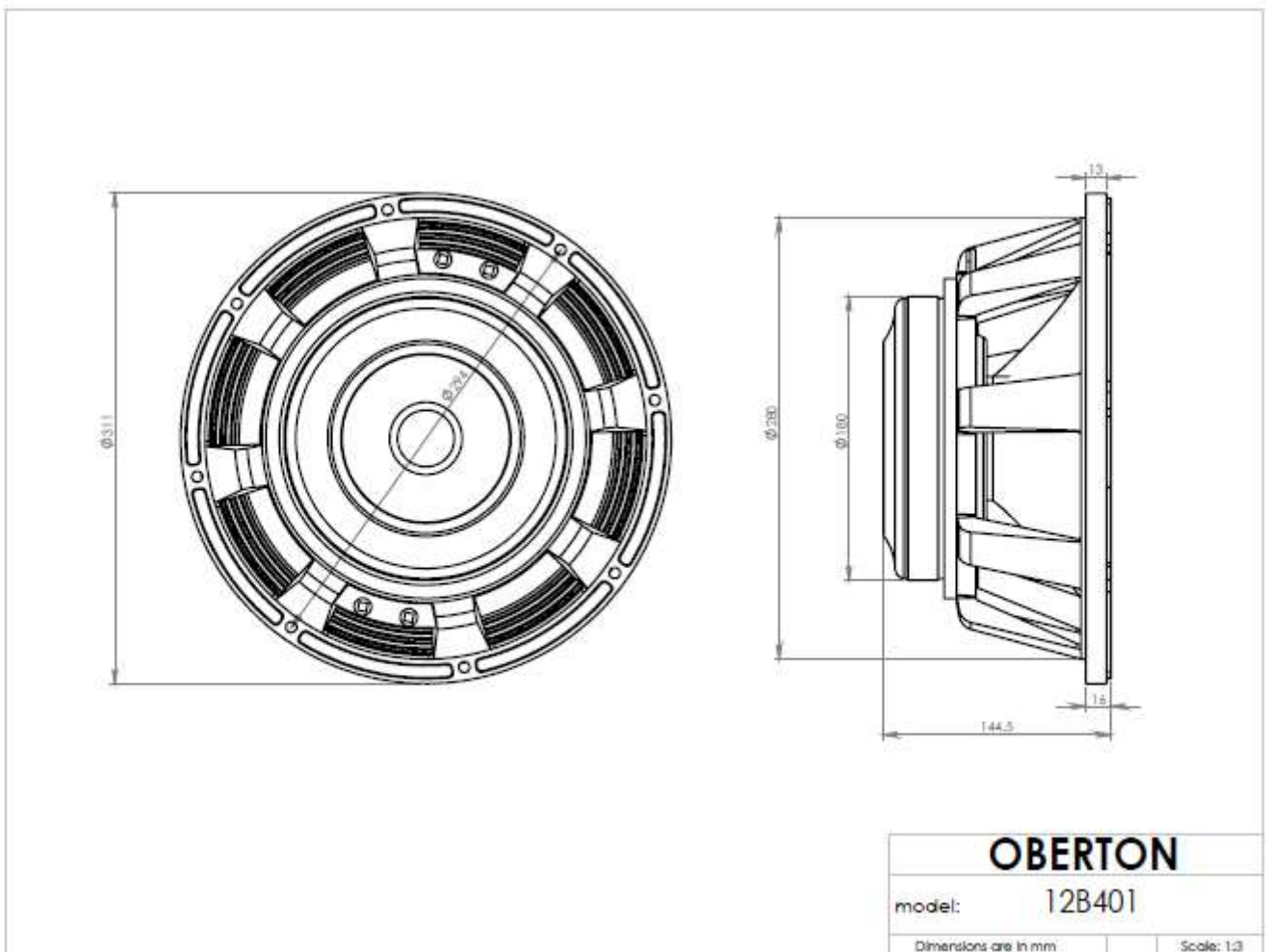
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Frequency Response

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