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# 15NXB1200

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**NEW** 15" Neodymium Woofer, 4" voice coil, 1200 W, 97 dB



## KEY FEATURES:

- 97 db 1W / 1m average sensitivity
- 100 mm high temperature split sandwich voice coil
- 2400 W AES program power
- Vented neodymium magnet assembly with massive heatsink
- Triple aluminium demodulating rings for lower distortion and improved heat dissipation
- Double silicon spider for improved excursion control and linearity
- Water protected cone (front)

**PART NUMBER** : 11115N0108

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## Application: Power bass

The 15NXB1200 is neodymium bass loudspeaker designed to deliver high impact bass response, with exceptional high power capacity. It features 29 mm high split sandwich voice coil, aluminium die cast frame with triple demodulating rings and vented neodymium magnet structure. The massive heatsink improve the cooling of the magnet structure, which reduce power compression. This results in an incredible high efficient transducer for subwoofer applications, with the ability to handle high excursion with ultra low distortion and reduced thermal power compression. It is suitable for tuned reflex or horn loaded enclosures for high level subwoofer applications.

## SPECIFICATIONS

Nominal Diameter	15"/388 inch/mm
Impedance	8 Ohm
Minimum Impedance	6.55 Ohm
Power Capacity AES <sup>1</sup>	1200 W
Program Power <sup>2</sup>	2400 W
Sensitivity	97 dB/W/m (50 -1000 Hz)
Frequency Range	38 - 1000 Hz
V. C. Diameter	100 mm
Voice Coil Material	Copper
Voice Coil Former	Glass fiber
Voice Coil Winding Depth	29 mm
Magnet Gap Depth	10 mm
Cone Material	Paper with carbone fibers
Basket	Die Cast Aluminium
Magnet	Neodymium
Flux Density	1.27 T

## THIELE-SMALL PARAMETERS

Fs	38.49 Hz
Qms	8.255
Qes	0.337
Qts	0.324
Vas	111.94 litres
Mms	146.79 grams
Re	5.3 Ohms
Sd	829.6 cm <sup>2</sup>
Xmax*	±12 mm
Cms	0.117 mm/N
BL	23.62 T.m
Le at 1kHz	0.713 mH

1. AES standard. Power is calculated on rated minimum impedance. Measurement in 120 L box enclosure tuned 48 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.

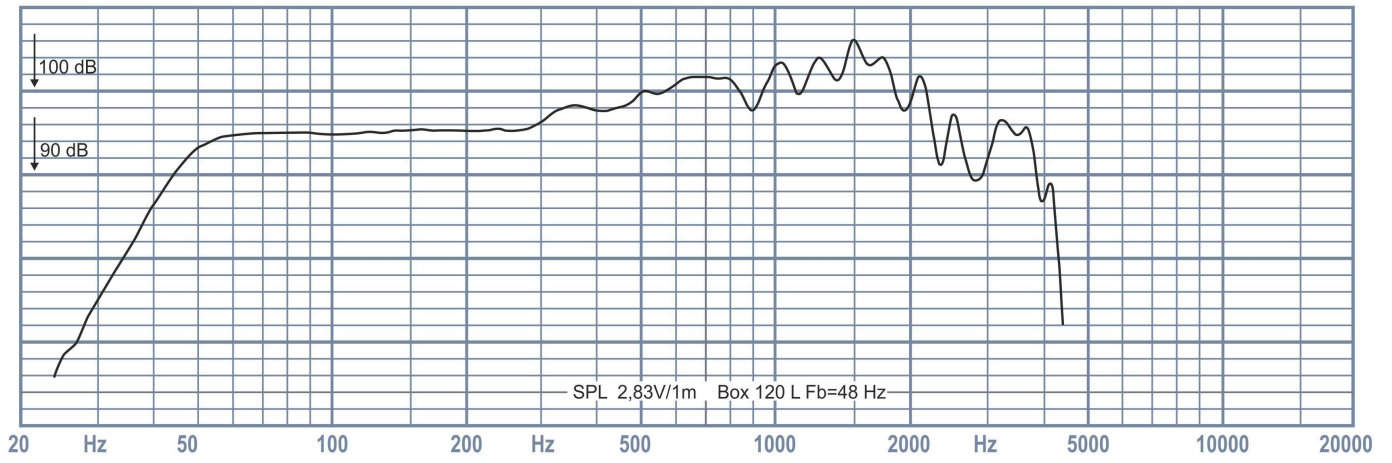
## MOUNTING INFORMATION

Overall Diameter	388 mm
Baffle Hole Diameter	355 mm
Mounting Holes	8 elliptic 7x8 mm
Bolt Circle Diameter	370/372 mm
Overall Depth	204.3 mm
Net Weight	8.82 kg

## RECONE KIT:

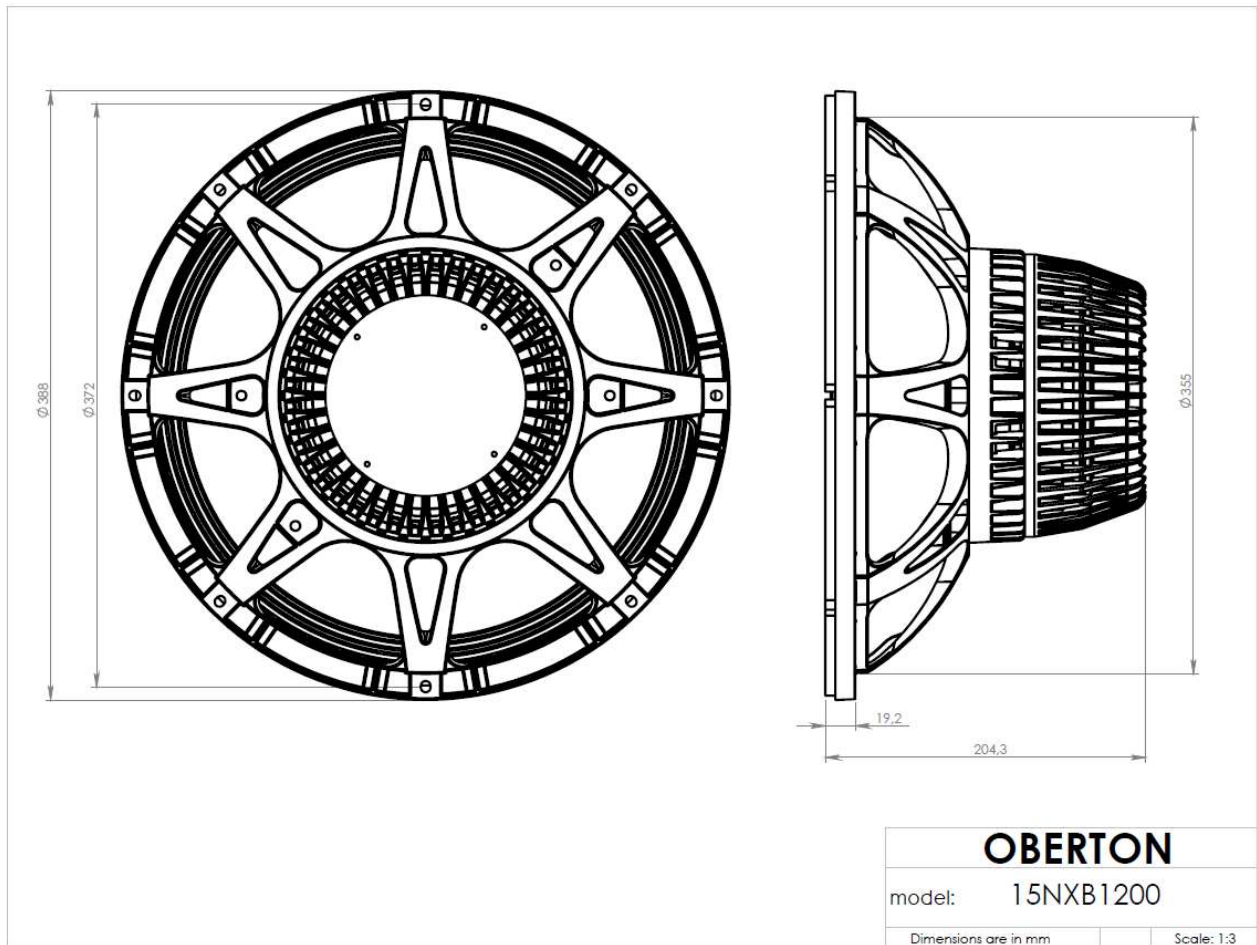
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Frequency Response

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