



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

RECONE KIT: RK15NXB1200 - Part No: R1115N0108

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 ¹ 1200 W
Program Power ² 2400 W
Sensitivity (50-1000 Hz) 97 dB/W/m
Frequency Range 38 - 1000 Hz
Voice Coil Diameter 100 mm (4")
Voice Coil Material Copper
Voice Coil Former Glassfiber
V. C. Winding Depth 29 mm
Magnet Gap Depth 10 mm
Cone Material Paper with carbon 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 0.32
Vas 111.94 Litres
Mms 146.79 grams
Re 5.3 Ohms
Sd 829.6 cm²
Xmax* ± 12 mm
Cms 0.117 mm/N
BL 23.62 T.m
Le at 1kHz 0.713 mH

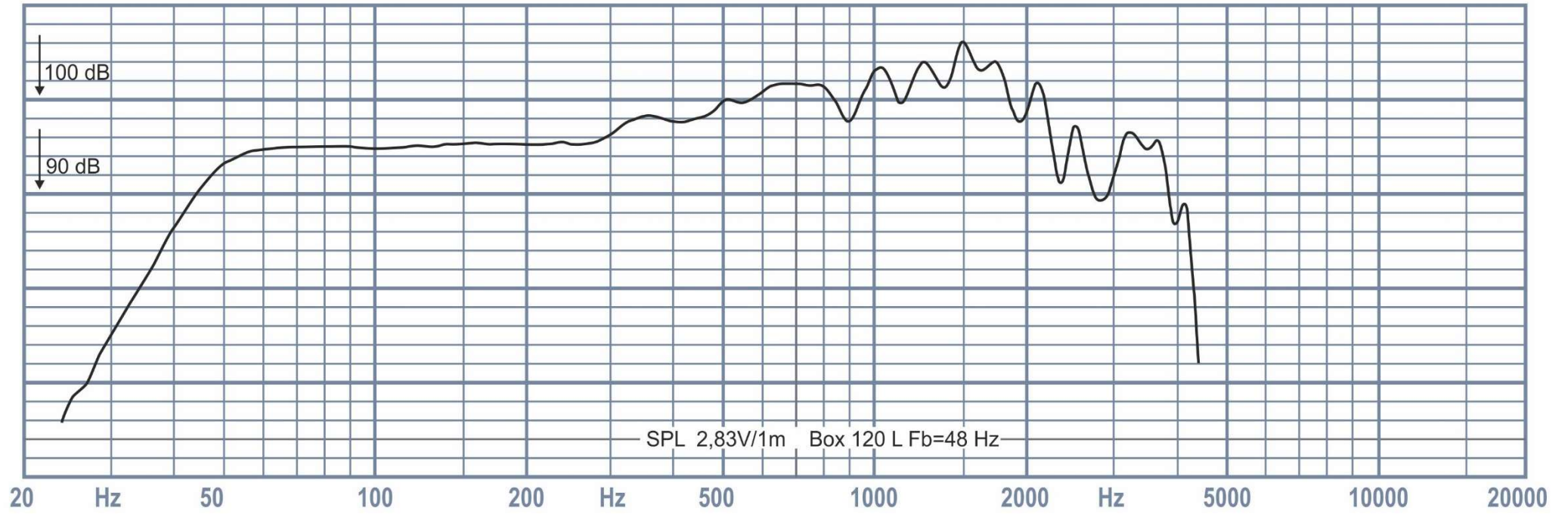
MOUNTING INFORMATION

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

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.

Frequency Responce



Drawings

