

KEY FEATURES:

- 99 db 1W / 1m average sensitivity
- 88 mm high temperature aluminium voice coil
- 1200 W AES program power
- Vented neodymium magnet assembly with very light weight
- Two aluminium demodulating rings for lower distortion and improved heat dissipation
- Silicone spider
- Water protected cone (front side)
- Epoxy anti-corrosion coating of top and back plates of magnet structure

PART NUMBER: 11112N0508

Application : Midbass

The 12NMB35 loudspeaker is combining good linearity and efficiency with high power handling capabilities, with use of new 3.5" (88 mm) aluminium voice coil. It features vented aluminium die cast frame, neodymium magnet assembly with very light weight with two demodulating rings and curvilinear paper cone. 12NMB35 is suitable for application as LF driver in power stage monitors and 2- way PA boxes.

SPECIFICATIONS

12"/315 inch/mm Nominal Diameter 7,41 Impedance 8 Ohm Qms 6.75 Ohm 0.38 Minimum Impedance Oes Power Capacity AES 1 600 W Ots 0.36 Program Power 2 1200 W Vas (200 -2000 Hz) 99 dB/W/m Sensitivity Mms Frequency Range 50 - 3000 Hz Voice Coil Diameter 88 mm Sd Voice Coil Material Aluminium Xmax* Voice Coil Former Glassfiber Cms V. C. Winding Depth 19 mm BL Magnet Gap Depth Cone Material Le at 1kHz 11 mm Paper with Kevlar + glass fibers Die Cast Aluminium Basket

Magnet Neodymium 1.05 T Flux Density

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.

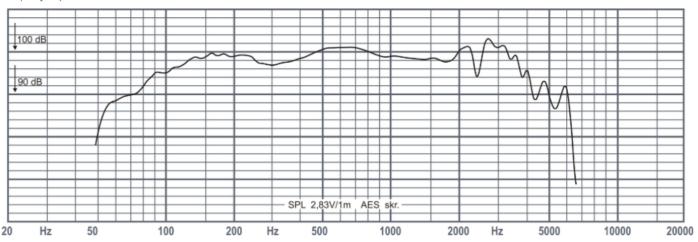
THIELE-SMALL PARAMETERS

54.42 Hz 54,29 Litres 58,28 grams 5,5 Ohms 514.7 cm2 ±6.75 mm 0.1468 mm/N 17.00 T.m 1,01 mH

MOUNTING INFORMATION

Overall Diameter 315 mm Baffle Hole Diameter 280 mm Mounting Holes 8 elliptic 7x8 mm Bolt Circle Diameter 296 / 298 mm Overall Depth 156 mm Net Weight 5.05 kg.

Frequency Response



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