

KEY FEATURES:

- 100 db 1W / 1m average sensitivity
- 88 mm high temperature aluminium voice coil
- 1400 W AES program power
- Vented ferrite magnet assembly
- · 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: 11115F0808

Application : High power midbass

15MB35 loudspeaker combining good linearity and efficiency with high power handling capabilities, with use of 88 mm aluminium voice coil and silicone spider. It features aluminium die cast frame, vented ferrite magnet structure with two demodulating rings. 15MB35 is suitable for application in a wide variety of enclosure types and particularly as LF driver in 2- or 3- way $boxes. \ Used \ new \ 3.5" \ voice \ coil \ reduces \ power \ compression \ at \ the \ high \ power \ handling \ compared \ with \ classic \ 3" \ voice \ coil.$

SPECIFICATIONS

15"/385 inch/mm Nominal Diameter Impedance 8 Ohm 5.97 Ohm Minimum Impedance Power Capacity AES ¹ 700 W Program Power ² 1400 W (200-2000 Hz)100 dB/W/m Sensitivity Frequency Range 45 - 3500 Hz Voice Coil Diameter 88 mm Voice Coil Material Aluminium Voice Coil Former Glassfiber V. C. Winding Depth 19 mm Magnet Gap Depth 11 mm Cone Material

Paper with Kevlar + glass fibers

Basket Die cast aluminium

Magnet Ferrite Flux Density 1.15 T

1. AES standard. Power is calculated on rated minimum impedance. Measurement is in 120 L box enclosure tuned 56 Hz using a 40-400 Hz band limited pink noise test signal applied continuously for 2 hours.

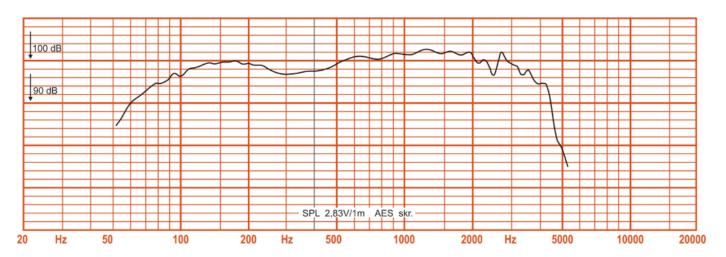
2. Program power is defined as 3db greater than AES Power Capacity.

THIELE-SMALL PARAMETERS

Fs	47.70 Hz
Qms	8.38
Qes	0.35
Qts	0.336
Vas	115.1 litres
Mms	92.95 gram
Re	5.06 Ohms
Sd	829.6 cm ²
Xmax*	±6.75 mm
Cms	0.12 mm/N
BL	20.07 T.m
Le at 1kHz	0.637 mH

MOUNTING INFORMATION

Overall Diameter 388 mm 355 mm Baffle Hole Diameter Mounting Holes 8 with dia. 7mm Bolt Circle Diameter 370/372 mm Overall Depth 173.5 mm Net Weight 9.2 kg



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