



KEY FEATURES:

- 98 db 1W / 1m average sensitivity
- 100 mm high temperature sandwich voice coil
- 1200 W AES program power
- Powerful, vented 220 mm magnet structure
- Double aluminium demodulating rings for lower distortion and improved heat dissipation
- Double silicone spiders for improved excursion control and linearity
- Epoxy anti-corrosion coating of top and back plates of magnet structure

PART NUMBER: 11115F0608

Application : Midbass

15MB601 is a high power 15 inch mid-bass loudspeaker, with high efficiency and perfect linearity. It features a 4" sandwich voice coil, 220 mm magnet structure, vented aluminium frame, double silicone spider assembly and aluminum demodulating rings that reduces distortions and improves cooling of the voice coil. The top and back plates are treated with special high quality epoxy electro-deposition coating, which extremely improves the corrosion resistance of the speaker. **15MB601** is suitable for compact size bass reflex enclosures and horn loaded or hybrid horn loaded systems. 15MB601 is new version of 15MB600 with new frame.

SPECIFICATIONS

Nominal Diameter 15"/385 inch/mm
Impedance 8 Ohm
Minimum Impedance 6.67 Ohm
Power Capacity AES ¹ 600 W
Program Power ² 1200 W
Sensitivity (200-2000 Hz) 98 dB/W/m
Frequency Range 37 - 2000 Hz
Voice Coil Diameter 100 mm (4")
Voice Coil Material Copper
Voice Coil Former Glassfiber
V. C. Winding Depth 15 mm
Magnet Gap Depth 9 mm
Cone Material Kevlar paper
Basket Die cast aluminium
Magnet Ferrite
Flux Density 1.40 T

THIELE-SMALL PARAMETERS

Fs 32.4 Hz
Qms 10.94
Qes 0.173
Qts 0.171
Vas 204 Litres
Mms 113.28 grams
Re 5.23 Ohms
Sd 829.6 cm²
Xmax* ± 5.5 mm
Cms 0.213 mm/N
BL 26.38 T.m
Le at 1kHz 1.05 mH

MOUNTING INFORMATION

Overall Diameter 389 mm
Baffle Hole Diameter 353 mm
Mounting Holes 8 diam 7 mm
Bolt Circle Diameter 372 mm
Overall Depth 166.4 mm
Net Weight 11.15 kg

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.

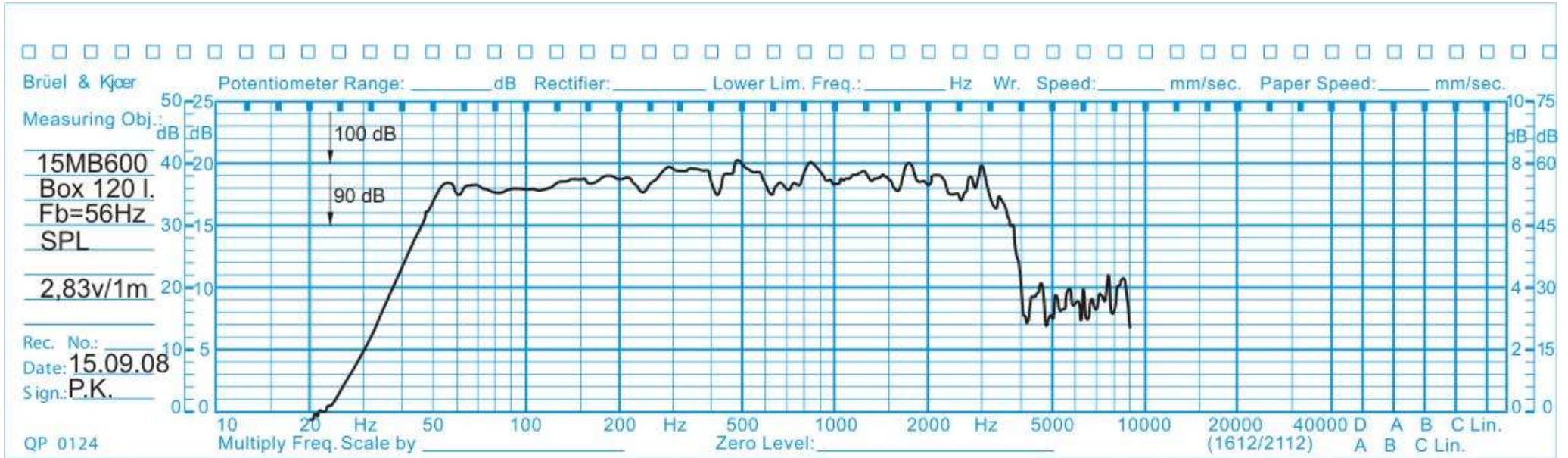
* Linear Mathematical Xmax is calculated as: $(Hvc - Hg)/2 + Hg/4$ where Hvc is the voice coil depth and Hg is the gap depth.

RECONE

RK15MB600 - Part No: R1115F0608

KIT:

Frequency Response



Drawings

