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6NMB200V

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NEW 6.5 " Neodymium Midbass, 2 " voice coil, 200 W, 96 dB



KEY FEATURES:

- **96 db 1W / 1m average sensitivity**
- **51 mm high temperature voice coil**
- **400 W AES program power**
- **Double aluminium demodulating rings for lower distortion and inductance and improved transient response**
- **Water protected cone (front)**

PART NUMBER:

6NMB200V - 8 ohm - 11106N0108

6NMB200V - 16 ohm - 11106N0116

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Application : Power midbass speaker

The 6NMB200V is high efficiency, high power midbass neodymium loudspeaker , specially designed to use in compact 2 way boxes and line array systems. It features 51 mm aluminium voice coil, vented aluminium die cast frame with powerful neodymium magnet structure, which achieved very light weight of the speaker. Using of double aluminium demodulating rings on the magnet structure reduce dramatically distortion and inductance and improve transient response.

SPECIFICATIONS

Nominal Diameter	6.5"/170 inch/mm
Impedance	16 Ohm
Minimum Impedance	12.48 Ohm
Power Capacity AES ¹	200 W
Program Power ²	400 W
Sensitivity	(200-3000 Hz) 96 dB/W/m
Frequency Range	200 – 5000 Hz
Voice Coil Diameter	51 mm
Voice Coil Material	Aluminium
Voice Coil Former	Glass fiber
V. C. Winding Depth	12.5 mm
Magnet Gap Depth	7 mm
Cone Material	Paper with carbon fibers
Basket	Die cast aluminium
Magnet	Neodymium
Flux Density	1.37 T

THIELE-SMALL PARAMETERS

Fs	79.00 Hz
Qms	5.82
Qes	0.279
Qts	0.267
Vas	9.53 Litres
Mms	12.19 grams
Re	10.70 Ohms
Sd	139 cm ²
Xmax*	± 4.5 mm
Cms	0.333 mm/N
BL	15.22 T.m
Le at 1kHz	0.383 mH

1. AES standard. Power is calculated on rated minimum impedance. Measurement is in 9 L box enclosure tuned 60 Hz using a 50-1000 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.

MOUNTING INFORMATION

Overall Diameter	185 mm
Baffle Hole Diameter	145 mm
Mounting Holes	4 elliptic 5.5 / 6.5 mm
Bolt Circle Diameter	170/172 mm
Overall Depth	81.8 mm
Net Weight	1.55 kg

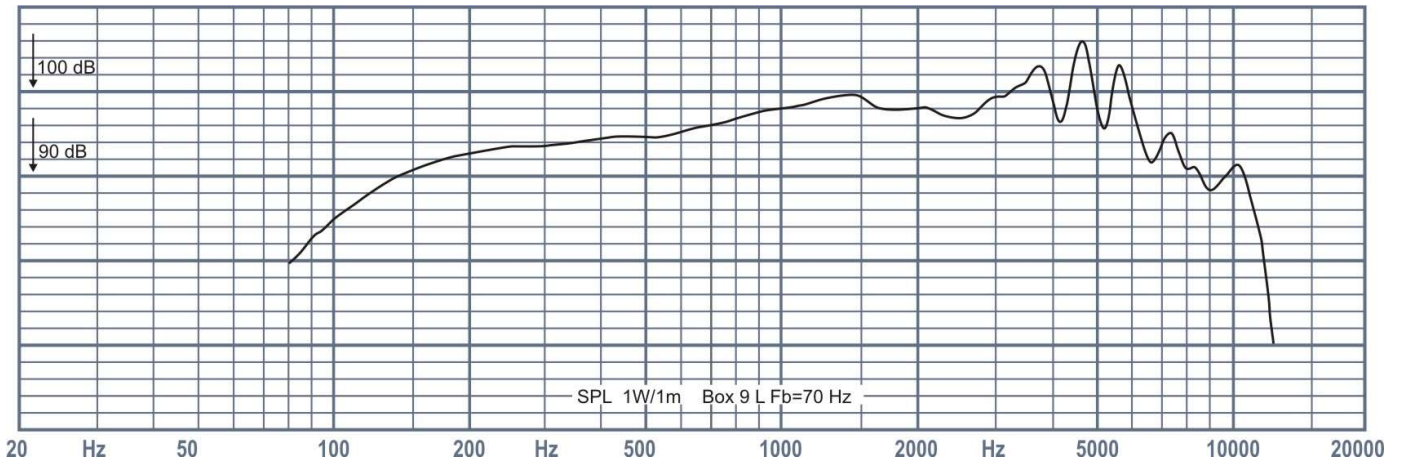
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RECONE KIT:

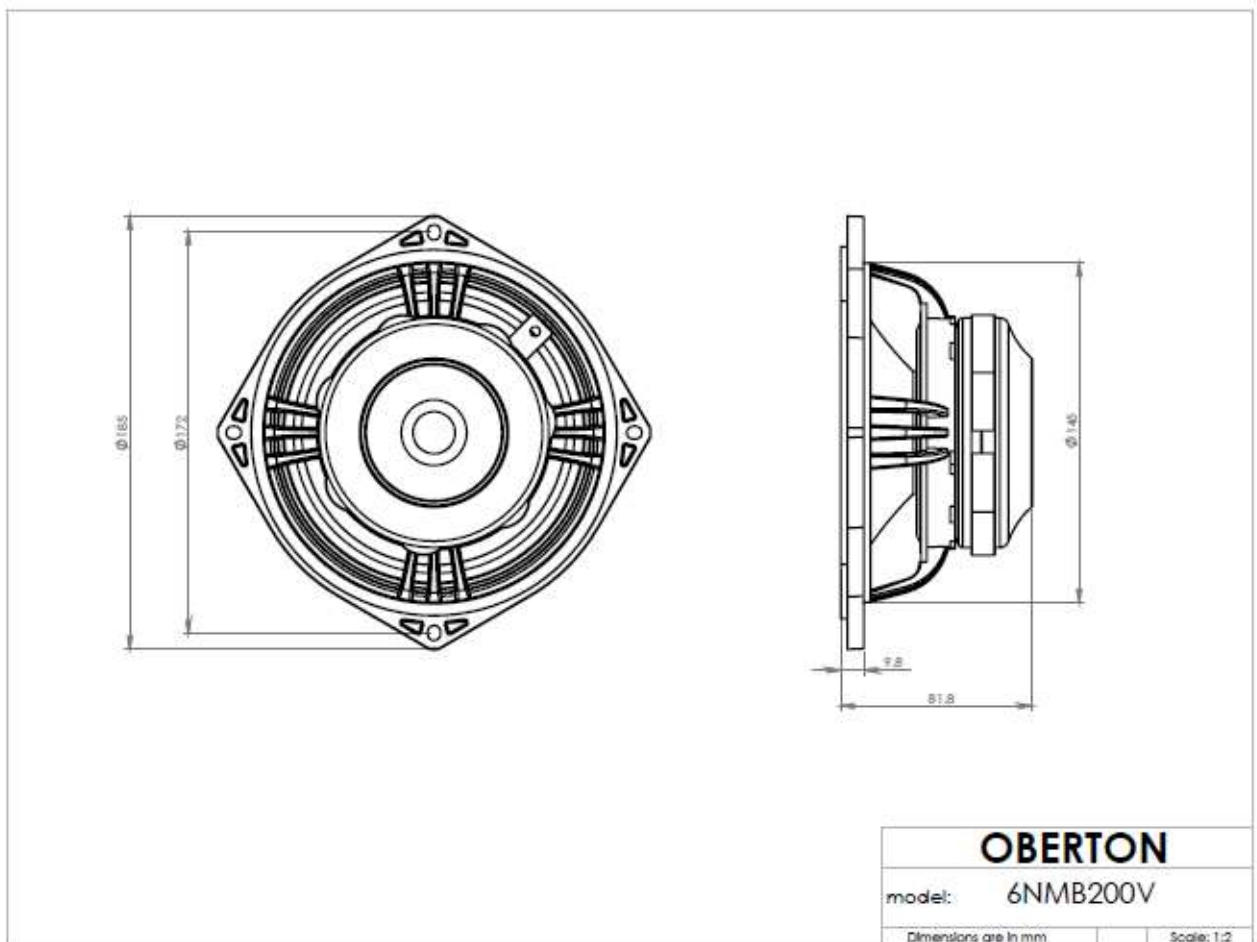
RK6NMB200V - 8 ohm - Part No: R1106N0108

RK6NMB200V - 16 ohm - Part No: R1106N0116

Frequency response



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