

# BIANCO-15MW200

15" - Midwoofer - 200W - 98dB

AUDIENCE

- Proprietary cone paper material made in-house
- Vented back plate for reduced compression
- Corrugation cone paper for improved durability
- Minimum damping fiber glass voice coil former
- 2.4" voice coil
- Weather-proof coated cone paper



## Dimensions & Weight

Overall Diameter	384 mm (15.11 in)
Bolt Circle Diameter	371.5 mm (14.62 in)
Baffle Cutout Diameter	350 mm (13.77 in)
Mounting Depth	146.5 mm (5.76 in)
Flange and Gasket Thickness	9.7 mm (0.38 in)
Net Weight	5.12 Kg (11.28 lb)
Shipping Box	428 x 428 x 209 mm (16.85 x 16.85 x 8.22 in)
Gross Weight	6.91 Kg (15.23 lb)

## Recone Kit

N/A

## NOTES :

- (1) AES standard, test mode with continuous pink noise signal (6 dB crest factor; 2 hours) within the  $F_0$  to  $10F_0$  power calculated on rated nominal impedance. Loudspeaker in free air
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3)  $X_{max} = ((\text{Winding depth} - \text{magnetic gap depth})/2) + (\text{magnetic gap depth}/3)$
- (4) Maximum excursion (p-p) before permanent damage

## Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	6.8 Ohm
AES Power Handling (1)	200 W
Maximum Power Handling (2)	400 W
Sensitivity (1W/1m)	98 dB
Frequency Range	42 - 4200 Hz
Voice Coil Diameter	60.5 mm (2.38 in)
Winding Material	Copper
Former Material	Till
Winding Depth	14.5 mm
Magnetic Gap Depth	8 mm ( 0.31 in)
Flux Density	1.18 T
Magnet	Ferrite
Basket Material	Stamped steel
Demodulation	-
Cone Surround	Double half roll
NET Air Volume filled by driver	3.54 liters
Spider Profile	Constant height waves
Weather Resistant	No

## Thiele Small Parameters

Fs	42 Hz
Re	6.8 Ohm
Qes	0.61
Qms	13.32
Qts	0.58
Vas	181.1 liters
Sd	824.5 cm <sup>3</sup>
Xmax (3)	5.92 mm
Xdamage (4)	20.8 mm
Mms	75.2 g
BL	14.9 N/A
Le	0.82 mH
Cms	0.19 mm/N
Rms	1.5 Kg/s
Eta Zero	2.14 %
EBP	69

