

# BIANCO-8MWN150

8" - Midwoofer - Neo - 300W - 93dB

AUDIENCE

- Proprietary cone paper material made in-house
- Neodymium magnet
- 2.4" voice coil with APC (Advanced Polymer Coating)
- Minimum damping fiber glass voice coil former
- CCAW voice coil wire for reduced moving mass
- Vented pole piece for reduced compression
- Long life silver lead wires



## Dimensions & Weight

Overall Diameter	205.6 mm (8.09 in)
Bolt Circle Diameter	195 mm (7.68 in)
Baffle Cutout Diameter	179.6 mm (7.07 in)
Mounting Depth	91 mm (3.58 in)
Flange and Gasket Thickness	9.9 mm (0.38 in)
Net Weight	1.43 Kg (3.15 lb)
Shipping Box	233 x 233 x 140 mm (9.17 x 9.17 x 5.51 in)
Gross Weight	1.88 Kg (4.14 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
- (5) T/S parameters measured on drive units that are broken in using Klippel LPM Measurement System.

## Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	6.8 Ohm
AES Power Handling (1)	150 W
Maximum Power Handling (2)	300 W
Sensitivity (1W/1m)	93 dB
Frequency Range	74 - 6000 Hz
Voice Coil Diameter	60.5 mm (2.4 in)
Winding Material	Copper clad aluminium
Former Material	Till
Winding Depth	13.64 mm
Magnetic Gap Depth	5 mm (0.19 in)
Flux Density	1.04 T
Magnet	Neodymium
Basket Material	Stamped steel
Demodulation	-
Cone Surround	Double half roll with damping glue
NET Air Volume filled by driver	1.23 liters
Spider Profile	Single downroll constant height waves
Weather Resistant	Yes

## Thiele Small Parameters

Fs	74 Hz
Re	6.8 Ohm
Qes	0.4
Qms	8.97
Qts	0.38
Vas	9.9 liters
Sd	227 cm <sup>2</sup>
Xmax (3)	5.98 mm
Xdamage (4)	16 mm
Mms	34 g
Bl	16.5 Tm
Le	1.07 mH
Cms	0.14 mm/N
Rms	1.76 Kg/s
Eta Zero	0.98 %
EBP	185

