BIANCO-15W200

15″ - Woofer - 200W - 99dB

SB AUDIENCE

- Proprietary cone paper material with silk cotton tree and manila pulp
- 3" voice coil with APC (Advanced Polymer Coating)
- Minimum damping fiber glass voice coil former
- Vented back plate for reduced compression
- Long life silver lead wires
- Weather-proof coated conepaper

Dimensions & Weight

Overall Diameter	385.5 mm (15.17 in)
Bolt Circle Diameter	369.5 mm (in)
Baffle Cutout Diameter	354 mm (13.93 in)
Mounting Depth	153.5 mm (6.04 in)
Flange and Gasket Thickness	8.85 mm (0.35 in)
Net Weight	7.24 Kg (15.96 lb)
Shipping Box	428 x 428 x 209 mm (16.8 x 16.8 x 8.22 in)
Gross Weight	9 Kg (19.84 lb)

Recone Kit

N/A

NOTES :

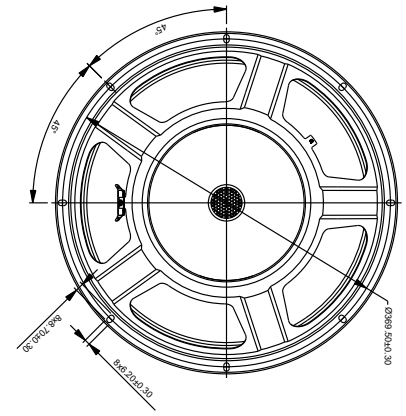
(1) AES standard, test mode with continuous pink noise signal (6 dB crest factor; 2 hours) within the Fo to 10Fo power calculated on rated nominal impedance. Loudspeaker in free air
(2) Maximum power is defined as 3dB greater than nominal power.
(3) Xmax= ((Winding depth - magnetic gap depth)/2) +(magnetic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

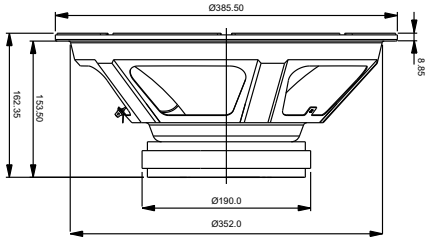
Specs :

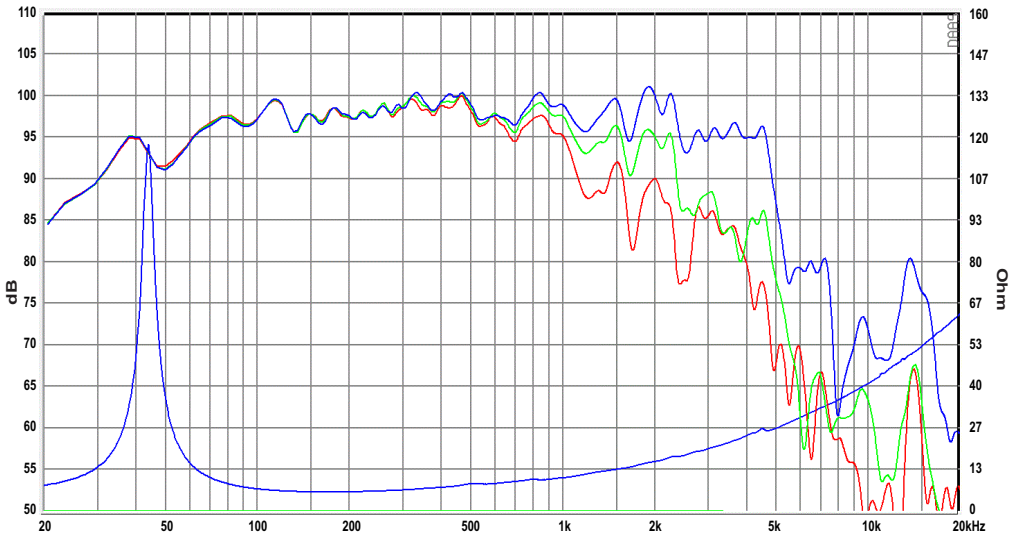
Nominal Impedance	8 Ohm
Minimum Impedance	6.4 Ohm
AES Power Handling (1)	200 W
Maximum Power Handling (2)	400 W
Sensitivity (1W/1m)	99 dB
Frequency Range	44 - 5000 Hz
Voice Coil Diameter	75.5 mm (3 in)
Winding Material	Copper clad Aluminium
Former Material	Till
Winding Depth	20.4 mm
Magnetic Gap Depth	10 mm (0.39 in)
Flux Density	1.25 T
Magnet	Ferrite
Basket Material	Stamped steel
Demodulation	-
Cone Surround	Double half roll
NET Air Volume filled by driver	4.10 liters
Spider Profile	Constant height waves
Weather Resistant	No

Thiele Small Parameters

Fs	44 Hz
Re	5.2 Ohm
Qes	0.54
Qms	11.99
Qts	0.52
Vas	155.8 liters
Sd	907.9 cm³
Xmax (3)	8.53 mm
Xdamage (4)	23.6 mm
Mms	97.5 g
BL	16 N/A
Le	0.75 mH
Cms	0.14 mm/N
Rms	2.2 Kg/s
Eta Zero	2.33 %
EBP	81







(IEC baffle, mic.distance 31.6 cm, SPL shown for 2.83 V / 1 m)

Response Curve :
(Blue) : on axis
(Green) : 30° off-axis
(Red) : 60° off-axis