BIANCO-15SW400

15" - Subwoofer- 800W - 99dB

SB AUDIENCE

- Proprietary cone paper material with silk cotton tree
- 4" voice coil with APC (Advanced Polymer Coating)
- Cast aluminium chassis
- Corrugation cone paper for improved durability
- Minimum damping fiber glass voice coil former
- Vented pole piece for reduced compression

Dimensions & Weight

Overall Diameter	394 mm (15.5 in)
Bolt Circle Diameter	375 mm (14.76 in)
Baffle Cutout Diameter	356 mm (14.01 in)
Mounting Depth	133.5 mm (5.94 in)
Flange and Gasket Thickness	17.5 mm (0.68 in)
Net Weight	9.8 Kg (21.60 lb)
Shipping Box	428 x 428 x 209 mm
	(16.85 x 16.85 x 8.22 in)
Gross Weight	11.6 Kg (25.57 lb)

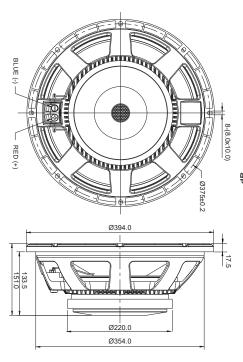## Recone Kit

1P000OPSB017

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 (p-p) before permanent damage
(5) T/S parameters measured on drive units that are broken in using Klippel LPM
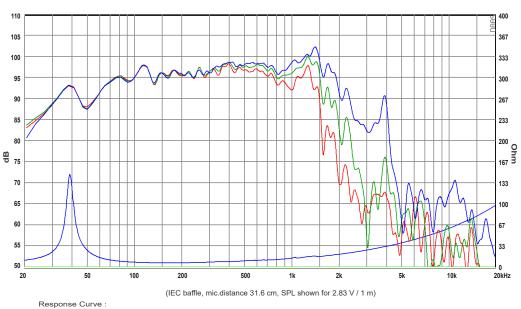   Measurement System.

Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	5.6 Ohm
AES Power Handling (1)	400 W
Maximum Power Handling (2)	800 W
Sensitivity (1W/1m)	99 dB
Frequency Range	41 - 2500 Hz
Voice Coil Diameter	99.2 mm (4 in)
Winding Material	Copper
Former Material	Till
Winding Depth	21.75 mm
Magnetic Gap Depth	10 mm (0.39 in)
Flux Density	1.02 T
Magnet	Ferrite
Basket Material	Aluminium die cast
Demodulation	-
Cone Surround	Double half surround
NET Air Volume filled by driver	4.69 liters
Spider Profile	Single constant height waves
Weather Resistant	Yes

Thiele Small Parameters

F_s	41 Hz
R_e	5.5 Ohm
Q_{es}	0.49
Q_{ms}	22.45
Q_{ts}	0.48
V_{as}	111.5 liters
S_d	845 cm²
X_{max} (3)	9.2 mm
X_{damage} (4)	28 mm
M_{ms}	134.1 g
Bl	19.8 Tm
L_e	1.29 mH
C_{ms}	0.11 mm/N
R_{ms}	1.55 Kg/s
Eta Zero	1.54 %
EBP	84

(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

R.5 / 15.05.2023