

KEY FEATURES

- 5000 Watt Max Power
- 100 mm (4 in) voice coil,
- Flat aluminium wire, Reinforced aluminium former
- Carbon fiber and paper cone
- Weather protected membrane for outdoor use
- Neodymium magnet assembly
- Ventilated magnet circuit for improved heat dissipation
- Triple spider for improved control and linearity



GENERAL SPECIFICATIONS

Nominal Diameter	21" - 540 mm	
Nominal Impedance	4 Ohm	
Nominal Rdc	3,3 Ohm	0,3 Ohm
Power handling (AES) (*)	2500 Watt	
Max Power	5000 Watt	
Frequency Range	20-200 Hz	
Voice Coil Diameter	100 mm	4 in
S.P.L. (1w, 1m)	94,3 dB	1,5 dB
Nominal Fs	28 Hz	
Flux Density	0,85 T	0,05 T
Sinusoidal Test Voltage	20 V	

(*) Life Test

Box Volume	200 liters
Input Signal	Pink noise
Band Pass Filter	20-150 Hz, 12 dB/oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	4,00
Qes	0,35
Qts	0,33
Fs	28,50 Hz
Re	3,50 Ohm
Mms	520 g
Cms	0,06 mm/N
Bl	30,40 T*m
Sd	1662 cm ²
Vas	232,41 liter
u0	1,42 %
XMax	18,3 mm
Le	2,4 mH
Rms	20,24 Kg/s
Efficiency Bandwidth	80,82

Air gap height = mm 15

Winding height = mm 44

MECHANICAL & SHIPPING INFORMATIONS

Net weight	14,2 Kg
Overall Diameter	540 mm
Overall Depth	240 mm
Baffle Cut Diameter	491 mm
Mounting holes number	86,3 mm
Mounting holes diameter	518 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Reinforced aluminium
Voice Coil Wire	Flat aluminium
Cone Material	Carbon fiber and paper
Cone Shape	Straight
Surround Material	Fabric
Surround Shape	Three waves
Suspension Material	Triple Nomex fabric
Magnet Type	Neodymium
Magnet Weight	620 g

DIAGRAM

Frequency Response	Reflex box (200 liters) - 2 V - 1 m
Impedance	(Iac=10mA)

