

KEY FEATURES

- 2000 Watt Max Power
- 100 mm (4 in) voice coil, copper wire
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane for outdoor use
- Ventilated voice coil and magnet circuit for improved heat dissipation



GENERAL SPECIFICATIONS

Nominal Diameter	18 in - 450 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6 Ohm
Power handling (AES) (*)	1000 Watt
Max Power	2000 Watt
Minimum Impedance	7.52 Ohm
Frequency Range	30 ÷ 500 Hz
Voice Coil Diameter	4 in - 100 mm
S.P.L. (1w, 1m)	97 dB
Nominal Fs	27 Hz
Flux Density	1.2 T
Sinusoidal Test Voltage	20 V

(*) Life Test

Box Volume	180 liters
Input Signal	Pink noise
Band Pass Filter	20 - 2000Hz, 12dB/oc
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	2.85
Qes	0.29
Qts	0.26
Fs	27.30 Hz
Re	6.07 Ohm
Mms	216.58 g
Cms	0.16 mm/N
Bl	27.80 T*m
Sd	1164.00 cm ²
Vas	298.29 liter
u0	2.01 %
XMax	115 mm
Le	1.12 mH
Rms	13.02 Kg/s
Efficiency Bandwidth	93.57

Air gap height = mm 14
Winding height = mm 30

MECHANICAL & SHIPPING INFORMATIONS

Net weight	8.7 kg
Overall Diameter	460 mm
Overall Depth	202 mm
Baffle Cut Diameter	416 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	440 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Fiberglass
Voice Coil Wire	Copper
Cone Material	Doped Paper
Cone Shape	Straight
Surround Material	Doped Nomex ® fabric
Surround Shape	Two rolls
Suspension Material	Doped Nomex ® fabric
Magnet Type	Neodymium
Magnet Weight	460 g

DIAGRAM

Frequency Response	Reflex Box (150 dmc) - 2.83 V - 1 m
Impedance	(Iac=10m A)

