

KEY FEATURES

- 1600 Watt Max Power
- 100 mm (4 in) voice coil, aluminium wire
- Weather protected membrane for outdoor use
- Ventilated magnet circuit for improved dissipation
- Demodulating ring for lower distortion



GENERAL SPECIFICATIONS

Nominal Diameter	15 in - 380 mm
Nominal Impedance	8 Ohm
Nominal Rdc	5.8 Ohm
Power handling (AES) (*)	800 Watt
Max Power	1600 Watt
Minimum Impedance	7.1 Ohm
Frequency Range	30 ÷ 1500 Hz
Voice Coil Diameter	100 mm (4 in)
S.P.L. (1w, 1m)	97 dB
Nominal Fs	41 Hz
Flux Density	1.0 T
Sinusoidal Test Voltage	15 V

(*) Life Test	
Box Volume	60 liters
Input Signal	Pink noise
Band Pass Filter	40 - 1500 Hz, 12 dB/oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	12.29
Qes	0.42
Qts	0.40
Fs	40.60 Hz
Re	5.89 Ohm
Mms	120.30 g
Cms	0.13 mm/N
Bl	20.80 T*m
Sd	855.00 cm ²
Vas	131.01 liter
u0	2.02 %
XMax	9.75 mm
Le	1.07 mH
Rms	2.50 Kg/s
Efficiency Bandwidth	97.18

Air gap height = mm 13
Winding height= mm 26

MECHANICAL & SHIPPING INFORMATIONS

Net weight	12.9 Kg
Overall Diameter	388 mm
Overall Depth	175 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	368 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Fiberglass
Voice Coil Wire	Copper
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex fabric
Surround Shape	Three waves
Suspension Material	Doped Nomex fabric
Magnet Type	Ferrite
Magnet Weight	3500 g

DIAGRAM

Frequency Response	Reflex Box (80 liters) - 2.83 V - 1m
Impedance	(Iac=10m A)

