

KEY FEATURES

- 2400 Watt Max Power
- 100 mm (4 in) voice coil, copper wire
- Weather protected membrane for outdoor use
- Ventilated magnet circuit for improved dissipation
- Demodulating ring for lower distortion



MEASURE CONDITIONS

T/S parameters measured after high level sine wave preconditioning test

GENERAL SPECIFICATIONS

Nominal Diameter	15 in - 380 mm
Nominal Impedance	8 Ohm
Nominal Rdc	4.8 Ohm
Power handling (AES) (*)	1200 Watt
Max Power	2400 Watt
Minimum Impedance	6.4 Ohm
Frequency Range	30 ÷ 1200 Hz
Voice Coil Diameter	4 in - 100 mm
S.P.L. (1w, 1m)	97 dB
Nominal Fs	33 Hz
Flux Density	0.95 T
Sinusoidal Test Voltage	15 V

(*) Life Test

Box Volume	60 litres
Input Signal	Pink noise
Band Pass Filter	30 - 1000 Hz, 12 dB/oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	11.20
Qes	0.26
Qts	0.26
Fs	33.70 Hz
Re	4.80 Ohm
Mms	166 g
Cms	0.13 mm/N
Bl	25.47 T*m
Sd	845.00 cm ²
Vas	134.59 litres
u0	1.91 %
XMax	9.25 mm
Le	1.56 mH
Rms	3.14 Kg/s
Efficiency Bandwidth	129.58

Air gap height = mm 13
Winding height = mm 25

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	Ferrate
Magnet Weight	3500 g

DIAGRAM

Frequency Response	IEC baffle - 2.83 V - 1m
Impedance	(Iac=10m A)

