

KEY FEATURES

- 2400 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



MEASURE CONDITIONS

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

GENERAL SPECIFICATIONS

Nominal Diameter	18 in - 450 mm
Nominal Impedance	8 Ohm
Nominal Rdc	4.8 Ohm
Power handling (AES) (*)	1200 Watt
Max Power	2400 Watt
Minimum Impedance	6.3 Ohm
Frequency Range	30-1200 Hz
Voice Coil Diameter	4 in - 100 mm
S.P.L. (1w, 1m)	98 dB
Nominal Fs	33 Hz
Flux Density	0.95 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	9.5
Qes	0.34
Qts	0.33
Fs	33 Hz
Re	4.80 Ohm
Mms	220 g
Cms	0.11 mm/N
Bl	25.40 T*m
Sd	1195 cm ²
Vas	211.82 litres
u0	2.16%
XMax	9.25 mm
Le	1,34 mH
Rms	4,80 Kg/s
Efficiency Bandwidth	97.24

Air gap height = mm 13
Winding height= mm 25

MECHANICAL & SHIPPING INFORMATIONS

Net weight	13.5 Kg
Overall Diameter	460 mm
Overall Depth	185 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	Three waves
Suspension Material	Doped Nomex fabric
Magnet Type	Ferrite
Magnet Weight	3500 gr

DIAGRAM

Frequency Response	IEC baffle - 2,83 V - 1 m
Impedance	(Iac=10mA)

