

KEY FEATURES

- 4000 Watt Max Power
- 100 mm (4 in) voice coil, Flat aluminium wire and reinfo
- Interleaved sandwich voice coil
- Double ferrite magnet assembly
- Weather protected membrane for outdoor use
- Ventilated voice coil and magnet circuit
- for improved heat dissipation
- Double spider for improved control and linearity



MEASURE CONDITIONS

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

GENERAL SPECIFICATIONS

Nominal Diameter	21 in - 540 mm
Nominal Impedance	4 Ohm
Nominal Rdc	2.6 Ohm
Power handling (AES) (*)	2000 Watt
Max Power	4000 Watt
Minimum Impedance	3.8 Ohm
Frequency Range	30 ÷ 350 Hz
Voice Coil Diameter	4 in - 100 mm
Voice Coil Winding Material	Flat Aluminium
Voice Coil Former Material	Reinforced Aluminium
S.P.L. (1w, 1m)	97 dB
Nominal Fs	29 Hz
Sinusoidal Test Voltage	20 V

(*) Life Test

Box Volume	200 litres
Input Signal	Pink noise
Band Pass Filter	20 - 350 Hz, 12 dB/oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	7.70
Qes	0.35
Qts	0.34
Fs	29.00 Hz
Re	2.60 Ohm
Mms	420.00 g
Cms	0.07 mm/N
Bl	23.70 T*m
Sd	1698.00 cm ²
Vas	290.08 litres
u0	1.93 %
XMax	13.75 mm
Le	1.7 mH
Rms	9.94 Kg/s
Efficiency Bandwidth	81.87

Air gap height = 15 mm

Winding height = 35 mm

MECHANICAL & SHIPPING INFORMATIONS

Net weight	18 Kg
Overall Diameter	540 mm
Overall Depth	275 mm
Baffle Cut Diameter	491 mm
Mounting holes number	8
Mounting holes diameter	6.3 mm
Mounting bolt diameter	518 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Reinforced Aluminium
Voice Coil Wire	Flat Aluminium
Cone Material	Reinforced paper
Cone Shape	Straight
Surround Material	Doped Nomex fabric
Surround Shape	Three waves
Suspension Material	Doble Doped Nomex fabric
Magnet Type	Double ferrite
Magnet Weight	6500 g

DIAGRAM

Frequency Response	Reflex Box (200 litres) - 2 V - 1 m
Impedance	(Iac=10m A)

