

KEY FEATURES

- 1000 Watt Max Power
- 100 mm (4 in) voice coil, aluminium wire
- Ferrite magnet assembly
- Interleaved sandwich voice coil



GENERAL SPECIFICATIONS

Nominal Diameter	12 in - 320 mm
Nominal Impedance	8 Ohm
Nominal Rdc	5,4 Ohm
Power handling (AES) (*)	500 Watt
Max Power	1000 Watt
Frequency Range	50-4000 Hz
Voice Coil Diameter	4 in - 100 mm
S.P.L. (1w, 1m)	100 dB
Nominal Fs	55 Hz
Flux Density	1,25 T
(*) Life Test	
Box Volume	24 liters
Input Signal	Pink noise
Band Pass Filter	50-500 Hz, 12dB/oc
V on Speaker	63 V
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	10,33
Qes	0,29
Qts	0,28
Fs	54,94 Hz
Re	5,33 Ohm
Mms	54,95 g
Cms	0,00015271 m/N
Bl	18,69 Wb/m
Sd	0,055155 m ²
Vas	0,06525 m ³
u0	3,59 %
XMax	3,75 mm
Le	0,45 mH

Air gap height = mm 10
Winding height = mm 17,5

MECHANICAL & SHIPPING INFORMATIONS

Net weight	11,1 kg
Overall Diameter	314 mm
Overall Depth	135 mm
Baffle Cut Diameter	282 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	176 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Kapton
Voice Coil Wire	Aluminium
Cone Material	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 24 dmc - 2,83 V - 1m
Impedance	(Iac=10m A)

