

KEY FEATURES

- 2000 Watt Max Power
- 125 mm (5 in) voice coil, aluminium wire
- Interleaved sandwich voice coil
- Neodymium 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

**GENERAL**

Nominal Diameter	18" - 450 mm	
Nominal Impedance	8 Ohm	
Nominal Rdc	5,2 Ohm	±0,4 Ohm
Power handling (AES) (*)	1000 Watt	
Max Power	2000 Watt	
Voice Coil Diameter	125 mm	5,00 in
S.P.L. (1w, 1m)	99 dB	±1,5 dB
Nominal Fs	38 Hz	±4 Hz
Flux Density	1,2 T	±0,07 T
Frequency Range	40-1000 Hz	
Sinusoidal Test Voltage	15 V	

(*) Life Test

Box Volume	90 liters
Input Signal	Pink noise
Band Pass Filter	30-1000Hz, 12dB/oct
V on Speaker	89 V
Test duration	2 hours

MECHANICAL DATA

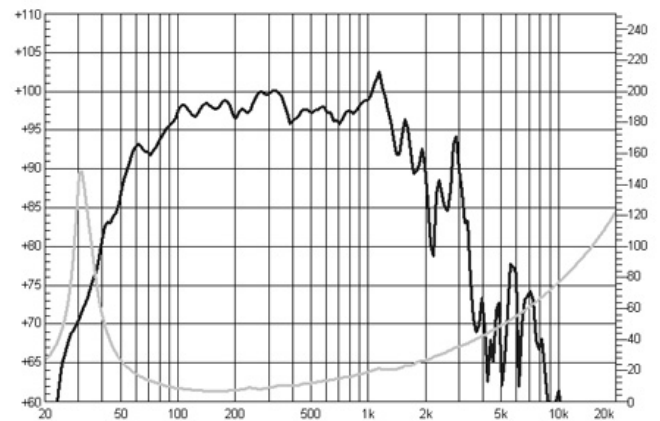
Weight	11,6 kg
Overall Diameter	460 mm
Overall Depth	202 mm
Baffle Cut Diameter	416 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	440 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Fiberglass
Voice Coil Wire	Aluminium
Cone Material	Doped Paper
Cone Shape	Straight
Surround Material	Doped Nomex® fabric
Surround Shape	Three waves
Suspension Material	Doped Nomex® fabric
Magnet Type	Neodymium
Magnet Weight	900 g

DIAGRAM

Frequency Response	Reflex Box (80 dmc) - 2,83 V - 1m
Impedance	(Iac=10m A)

**THIELE-SMALL PARAMETERS**

Qms	13,74
Qes	0,25
Qts	0,25
Fs	37,60 Hz
Re	5,27 Ohm
Mms	218,03 g
Cms	0,08 mm/N
Bl	34,87 T*m
Sd	1164,00 cm²
Vas	156,21 liter
u0	3,19 %
XMax	11,70 mm
Le	1,46 mH
Rms	3,75 Kg/s
Efficiency Bandwidth	149,66

Air gap height=mm 13
Winding height=mm 30