

KEY FEATURES

- 2000 Watt Max Power
- 100 mm (4 in) voice coil, copper wire
- Double spider for improved control and linearity
- Ferrite magnet assembly
- Interleaved sandwich voice coil
- Weather protected membrane for outdoor use
- Ventilated magnet circuit for improved heat dissipation



GENERAL SPECIFICATIONS

Nominal Diameter	18 in - 450 mm
Nominal Impedance	8 Ohm
Nominal Rdc	5,8 Ohm
Power handling (AES) (*)	1000 Watt
Max Power	2000 Watt
Frequency Range	35-350 Hz
Voice Coil Diameter	4 in - 100 mm
S.P.L. (1w, 1m)	96 dB
Nominal Fs	40 Hz
Flux Density	1,2 T
Sinusoidal Test Voltage	15 V

(*) Life Test

Box Volume	90 liters
Input Signal	Pink noise
Band Pass Filter	20-1000 Hz, 12dB/oct
V on Speaker	90 V
Test duration	2 hours

MECHANICAL & SHIPPING INFORMATIONS

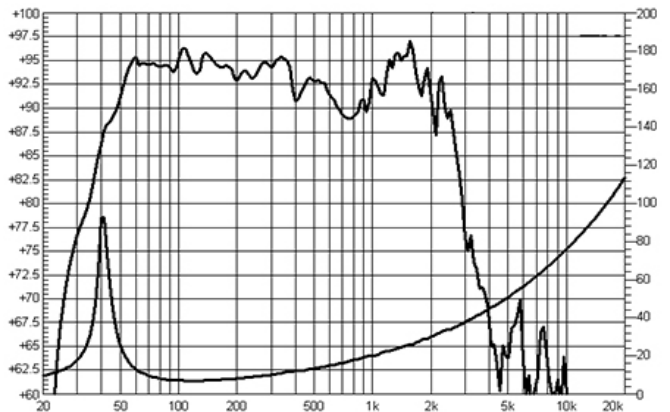
Net weight	12,9 kg
Overall Diameter	460 mm
Overall Depth	182 mm
Baffle Cut Diameter	416 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	440 mm

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 g

DIAGRAM

Frequency Response	Reflex Box 150 dmc - 2,83 V - 1m
Impedance	(Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	13,83
Qes	0,60
Qts	0,57
Fs	39,60 Hz
Re	5,98 Ohm
Mms	199,20 g
Cms	0,08 mm/N
Bl	22,23 T*m
Sd	1164,00 cm²
Vas	154,14 liter
u0	1,54 %
XMax	12,5 mm
Le	0,9 mH
Rms	3,58 Kg/s
Efficiency Bandwidth	66,03

Air gap height = mm 10
Winding height = mm 30