

KEY FEATURES

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



GENERAL

Nominal Diameter	15" - 380 mm	
Nominal Impedance	8 Ohm	
Nominal Rdc	5,5 Ohm	±0,4 Ohm
Power handling (AES) (*)	1000 Watt	
Max Power	2000 Watt	
Voice Coil Diameter	100 mm	4,00 in
S.P.L. (1w, 1m)	96 dB	±1,5 dB
Nominal Fs	45 Hz	±5 Hz
Flux Density	1,2 T	±0,08 T
Frequency Range	30-500 Hz	
Sinusoidal Test Voltage	18 V	

(*) Life Test

Box Volume	80 liters
Input Signal	Pink noise
Band Pass Filter	20-2000Hz, 12dB/oct
V on Speaker	90 V
Test duration	2 hours

MECHANICAL DATA

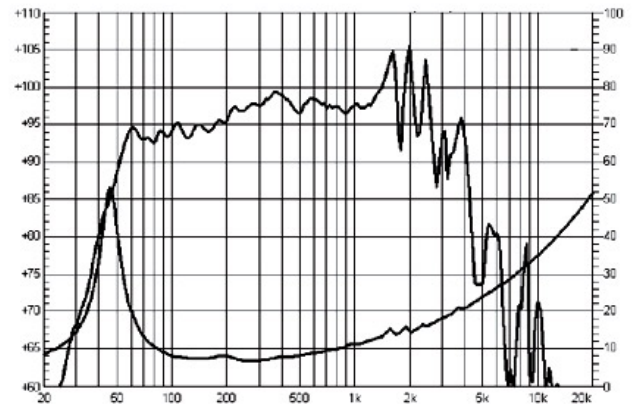
Weight	8,0 kg
Overall Diameter	388 mm
Overall Depth	180 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	370 mm

MATERIALS

Pot Material	Aluminium
Frame Material	Kapton
Voice Coil Wire	Copper
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex® fabric
Surround Shape	Three waves
Suspension Material	Doped Nomex® fabric
Magnet Type	Neodymium
Magnet Weight	620 g

DIAGRAM

Frequency Response	Reflex Box (90 dmc) - 2,83 V - 1 m
Impedance	(Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	5,25
Qes	0,52
Qts	0,47
Fs	45,90 Hz
Re	5,43 Ohm
Mms	156,04 g
Cms	0,08 mm/N
Bl	21,75 T*m
Sd	855,00 cm²
Vas	79,02 liter
u0	1,43 %
XMax	9,5 mm
Le	0,54 mH
Rms	8,57 Kg/s
Efficiency Bandwidth	144,42

Air gap height = mm 14
Winding height = mm 26