

KEY FEATURES

- 1600 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
- Rubber surround
- 4 Ohm available



GENERAL

Nominal Diameter	18" - 450 mm	
Nominal Impedance	8 Ohm	
Nominal Rdc	6,6 Ohm	±0,4 Ohm
Power handling (AES) (*)	800 Watt	
Max Power	1600 Watt	
Voice Coil Diameter	100 mm	4,00 in
S.P.L. (1w, 1m)	93 dB	±1,5 dB
Nominal Fs	36 Hz	±7 Hz
Flux Density	1,3 T	±0,08 T
Frequency Range	20-10000 Hz	

(*) Life Test

Box Volume	150 liters
Input Signal	Pink noise
Band Pass Filter	20-2000 Hz, 12dB/oc
V on Speaker	80 V
Test duration	2 hours

MECHANICAL DATA

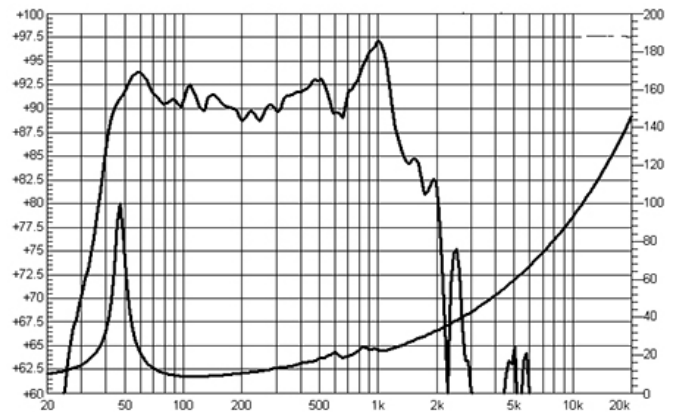
Weight	15,7 kg
Overall Diameter	460 mm
Overall Depth	210 mm
Baffle Cut Diameter	416 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	440 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Kapton
Voice Coil Wire	Copper
Cone Material	Doped Paper
Cone Shape	Straight
Surround Material	Rubber
Surround Shape	Half roll
Suspension Material	Doped Nomex® fabric
Magnet Type	Ferrite
Magnet Weight	5600 g

DIAGRAM

Frequency Response	Reflex Box 190 dmc - 2,83 V - 1m
Impedance	(Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	11,16
Qes	0,47
Qts	0,45
Fs	36,40 Hz
Re	6,80 Ohm
Mms	371 g
Cms	0,05 m/N
Bl	35,11 Wb/m
Sd	0,1104 m²
Vas	0,08811 m³
u0	0,88 %
XMax	14 mm
Le	1,72 mH

Air gap height = mm 10
Winding height = mm 33