

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
- Demodulating ring for lower distortion



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
Minimum Impedance	7,69 Ohm
Frequency Range	30-500 Hz
Voice Coil Diameter	4 in - 100 mm
S.P.L. (1w, 1m)	97 dB
Nominal Fs	37 Hz
Flux Density	1,25 T
Sinusoidal Test Voltage	20 V

(*) Life Test

Box Volume	180 liters
Input Signal	Pink noise
Band Pass Filter	20-2000 Hz, 12dB/oct
Test duration	2 hours

MECHANICAL & SHIPPING INFORMATIONS

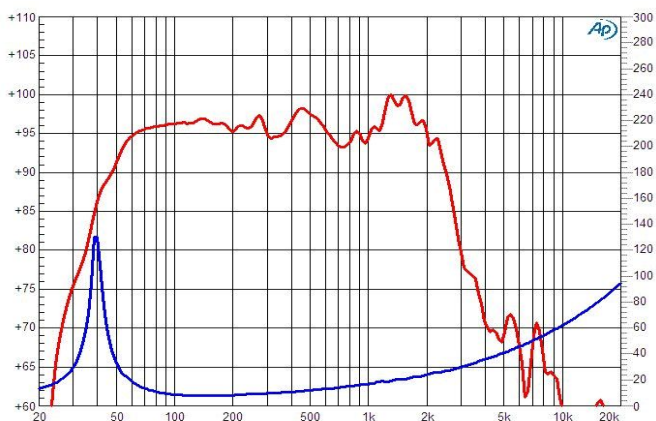
Net weight	9,0 kg
Overall Diameter	460 mm
Overall Depth	207 mm
Baffle Cut Diameter	416 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	440 mm

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	Neodymium
Magnet Weight	620 g

DIAGRAM

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



THIELE-SMALL PARAMETERS

Qms	12,09
Qes	0,40
Qts	0,39
Fs	39,40 Hz
Re	5,99 Ohm
Mms	219,72 g
Cms	0,07 mm/N
Bl	28,47 T*m
Sd	1164,00 cm ²
Vas	141,16 liter
u0	2,07 %
XMax	11,5 mm
Le	1,21 mH
Rms	4,50 Kg/s
Efficiency Bandwidth	98,20

Air gap height = mm 14
Winding height = mm 30