

KEY FEATURES

- 1000 Watt Max Power
- 75 mm (3 in) voice coil, copper wire
- Neodymium magnet assembly
- Weather protected membrane for outdoor use



GENERAL

Nominal Diameter	18" - 450 mm	
Nominal Impedance	8,00 Ohm	
Nominal Rdc	5,5 Ohm	±0,4 Ohm
Power handling (AES) (*)	500 Watt	
Max Power	1000 Watt	
Voice Coil Diameter	75 mm	3,00 in
S.P.L. (1w, 1m)	99 dB	±1,5 dB
Nominal Fs	40 Hz	±5 Hz
Flux Density	1,55 T	±0,08 T
Frequency Range	30-1000 Hz	
Sinusoidal Test Voltage	20 V	

(*) Life Test

Box Volume	180 liters
Input Signal	Pink noise
Band Pass Filter	20-1000Hz, 12dB/oct
V on Speaker	63 V
Test duration	2 hours

MECHANICAL DATA

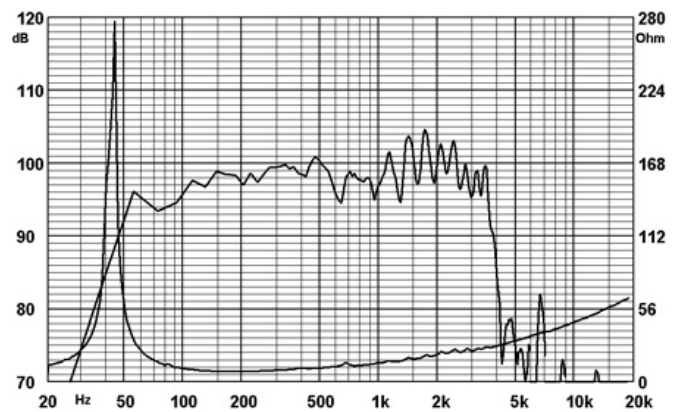
Weight	6,2 kg
Overall Diameter	460 mm
Overall Depth	192 mm
Baffle Cut Diameter	416 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	440 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Kapton
Voice Coil Wire	Copper
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex® fabric
Surround Shape	Two waves
Suspension Material	Doped Nomex® fabric
Magnet Type	Neodymium
Magnet Weight	460 g

DIAGRAM

Frequency Response	Reflex Box (180 dmc) - 2,83 V - 1m
Impedance	(Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	27,39
Qes	0,36
Qts	0,36
Fs	41,70 Hz
Re	5,61 Ohm
Mms	159,00 g
Cms	0,09 mm/N
Bl	25,39 T*m
Sd	1164,00 cm²
Vas	174,15 liter
u0	3,36 %
XMax	6,75 mm
Le	0,85 mH
Rms	1,52 Kg/s
Efficiency Bandwidth	115,03

Air gap height = mm 10
Winding height = mm 18,5