

KEY FEATURES

- 1000 Watt Max Power
- 100 mm (4 in) voice coil, aluminium wire
- Ferrite magnet assembly
- Interleaved sandwich voice coil



GENERAL

Nominal Diameter	15" - 380 mm	
Nominal Impedance	8 Ohm	
Nominal Rdc	6 Ohm	±0,4 Ohm
Power handling (AES) (*)	500 Watt	
Max Power	1000 Watt	
Voice Coil Diameter	100 mm	4,00 in
S.P.L. (1w, 1m)	99 dB	±1,5 dB
Nominal Fs	45 Hz	±5 Hz
Flux Density	1,25 T	±0,08 T
Crossover Frequency	40-3500 Hz	

(*) Life Test

Box Volume	90 liters
Input Signal	Pink noise
Band Pass Filter	20-2000 Hz, 12dB/oct
V on Speaker	63 V
Test duration	2 hours

MECHANICAL DATA

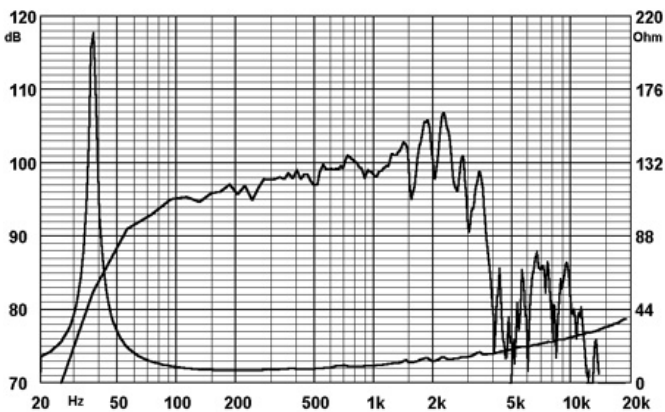
Weight	12,2 kg
Overall Diameter	388 mm
Overall Depth	166 mm
Baffle Cut Diameter	345 mm
Mounting holes number	8
Mounting holes diameter	6,5 mm
Mounting bolt diameter	368 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Fiberglass
Voice Coil Wire	Aluminium
Cone Material	Paper
Cone Shape	Exponential
Surround Material	Doped Nomex ® fabric
Surround Shape	Two rolls
Suspension Material	Doped Nomex ® fabric
Magnet Type	Ferrite
Magnet Weight	3500 g

DIAGRAM

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



THIELE-SMALL PARAMETERS

Qms	25,6
Qes	0,42
Qts	0,41
Fs	44,21 Hz
Re	6,12 Ohm
Mms	100 g
Cms	0,000129 m/N
Bl	20,10 Wb/m
Sd	0,085530 m²
Vas	0,127 m³
u0	2,5 %
XMax	5 mm
Le	0,8 mH

Air gap height = mm 10
Winding height = mm 20