

KEY FEATURES

- 800 Watt Max Power
- 75 mm (3 in) voice coil, copper wire
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane for outdoor use
- Ventilated voice coil and magnet circuit for improved heat dissipation



GENERAL

Nominal Diameter	12" - 320 mm	
Nominal Impedance	8 Ohm	
Nominal Rdc	6 Ohm	±0,4 Ohm
Power handling (AES) (*)	400 Watt	
Max Power	800 Watt	
Voice Coil Diameter	75 mm	3 in
S.P.L. (1w, 1m)	97 dB	±1,5 dB
Nominal Fs	45 Hz	±5 Hz
Flux Density	1,3 T	±0,08 T
Frequency Range	20-3000 Hz	
Sinusoidal Test Voltage	15 V	
(*) Life Test		
Box Volume	60 liters	
Input Signal	Pink noise	
Band Pass Filter	20-2000Hz, 12dB/oct	
V on Speaker	56,5 V	
Test duration	2 hours	

MECHANICAL DATA

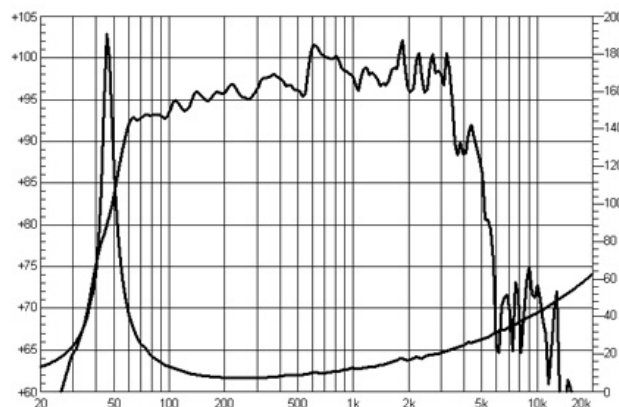
Weight	4,9 kg
Overall Diameter	315 mm
Overall Depth	160 mm
Baffle Cut Diameter	282 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	295 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Fiberglass
Voice Coil Wire	Copper
Membrane Material	Doped Paper
Membrane Shape	Exponential
Surround Material	Doped Nomex® fabric
Surround Shape	Two rolls
Suspension Material	Doped Nomex® fabric
Magnet Type	Neodymium
Magnet Weight	480 g

DIAGRAM

Frequency Response Reflex Box 60 dmc - 2,83 V - 1 m
 Impedance (Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	16,06
Qes	0,29
Qts	0,28
Fs	45,50 Hz
Re	6,03 Ohm
Mms	66,77 g
Cms	0,18 mm/N
Bl	20,02 T*m
Sd	535,00 cm²
Vas	73,58 liter
u0	2,33 %
XMax	6 mm
Le	0,73 mH
Rms	1,19 Kg/s
Efficiency Bandwidth	158,44

Air gap height = mm 10
 Winding height = mm 17