

KEY FEATURES

200 Watt Max Power
 38 mm (1,5 in) voice coil, aluminium wire
 Neodymium magnet assembly
 Weather protected membrane for outdoor use
 Ventilated voice coil and magnet circuit
 for improved heat dissipation
 Rubber surround

**GENERAL**

Nominal Diameter	6,5" - 160 mm	
Nominal Impedance	8,00 Ohm	
Nominal Rdc	5,6 Ohm	±0,4 Ohm
Power handling (AES) (*)	100 Watt	
Max Power	200 Watt	
Voice Coil Diameter	38 mm	1,50 in
S.P.L. (1w, 1m)	92 dB	±1,5 dB
Nominal Fs	60 Hz	±7 Hz
Flux Density	1,45 T	±0,08 T
Frequency Range	50-5000 Hz	
Sinusoidal Test Voltage	11 V	

(*) Life Test

Box Volume	14 liters
Input Signal	Pink noise
Band Pass Filter	50-5000 Hz, 12dB/oct
V on Speaker	28 V
Test duration	2 hours

MECHANICAL DATA

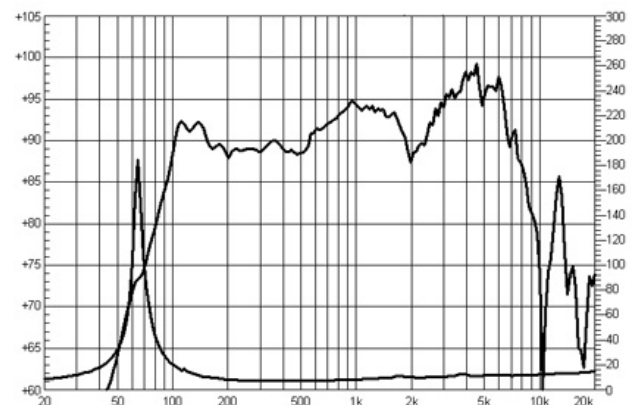
Weight	1,19 kg
Overall Diameter	180 mm
Overall Depth	85 mm
Baffle Cut Diameter	145 mm
Mounting holes number	6
Mounting holes diameter	4,7 mm
Mounting bolt diameter	166 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Kapton
Voice Coil Wire	Aluminium
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Rubber
Surround Shape	Half roll
Suspension Material	Doped Nomex® fabric
Magnet Type	Neodymium
Magnet Weight	300 g

DIAGRAM

Frequency Response	Box 25 dmc - 2,83 V - 1 m
Impedance	(Iac=10m A)

**THIELE-SMALL PARAMETERS**

Qms	10,17
Qes	0,31
Qts	0,30
Fs	59,40 Hz
Re	5,70 Ohm
Mms	17,45 g
Cms	0,41 mm/N
Bl	11,00 T*m
Sd	134,78 cm²
Vas	10,48 liter
u0	0,69 %
XMax	6 mm
Le	0,08 mH
Rms	0,64 Kg/s
Efficiency Bandwidth	193,62

Air gap height = mm 8

Winding height = mm 16