

KEY FEATURES

- 500 Watt Max Power
- 64 mm (2,5 in) voice coil, aluminium wire
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane for outdoor use
- Round copper clad aluminium wire
- Ventilated magnet circuit for improved heat dissipation



GENERAL

Nominal Diameter	8" - 200 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6,5 Ohm ±0,5 Ohm
Power handling (AES) (*)	250 Watt
Max Power	500 Watt
Voice Coil Diameter	64 mm 2,50 in
S.P.L. (1w, 1m)	95 dB ±1,5 dB
Nominal Fs	65 Hz ±7 Hz
Flux Density	1,35 T ±0,08 T
Frequency Range	60-3000 Hz
Sinusoidal Test Voltage	15 V

(*) Life Test

Box Volume	25 liters
Input Signal	Pink noise
Band Pass Filter	60-2000Hz, 12dB/oct
V on Speaker	45 V
Test duration	2 hours

MECHANICAL DATA

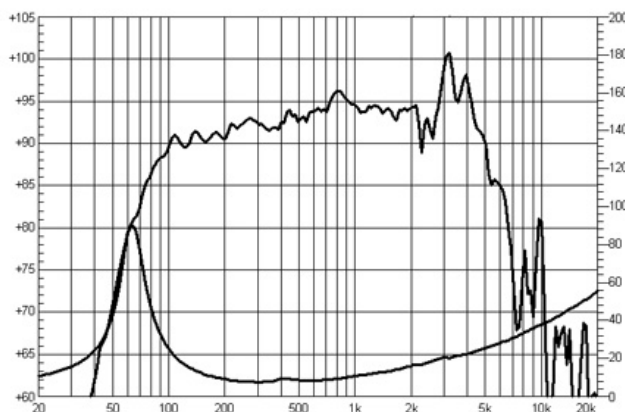
Weight	4 kg
Overall Diameter	208 mm
Overall Depth	122 mm
Baffle Cut Diameter	184 mm
Mounting holes number	4
Mounting holes diameter	5 mm
Mounting bolt diameter	194 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Fiberglass
Voice Coil Wire	Aluminium
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex® fabric
Surround Shape	Three waves
Suspension Material	Doped Nomex® fabric
Magnet Type	Neodymium
Magnet Weight	280 g

DIAGRAM

Frequency Response	Reflex Box 24 dmc - 2,83 V - 1m
Impedance	(Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	4,68
Qes	0,29
Qts	0,28
Fs	64,00 Hz
Re	6,23 Ohm
Mms	26,96 g
Cms	0,23 mm/N
Bl	15,19 T*m
Sd	227,00 cm²
Vas	16,58 liter
u0	1,43 %
XMax	5 mm
Le	0,74 mH
Rms	2,32 Kg/s
Efficiency Bandwidth	218,65

Air gap height = mm 8
Winding height = mm 14