

KEY FEATURES

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



GENERAL

Nominal Diameter	10" - 250 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6,6 Ohm ±0,5 Ohm
Power handling (AES) (*)	400 Watt
Max Power	800 Watt
Voice Coil Diameter	75 mm 3,00 in
S.P.L. (1w, 1m)	95 dB ±1,5 dB
Nominal Fs	65 Hz ±7 Hz
Flux Density	1,3 T ±0,08 T
Frequency Range	60-3000 Hz
Sinusoidal Test Voltage	15 V

(*) Life Test

Box Volume	40 liters
Input Signal	Pink noise
Band Pass Filter	20-2000Hz, 12dB/oct
V on Speaker	56,5 V
Test duration	2 hours

MECHANICAL DATA

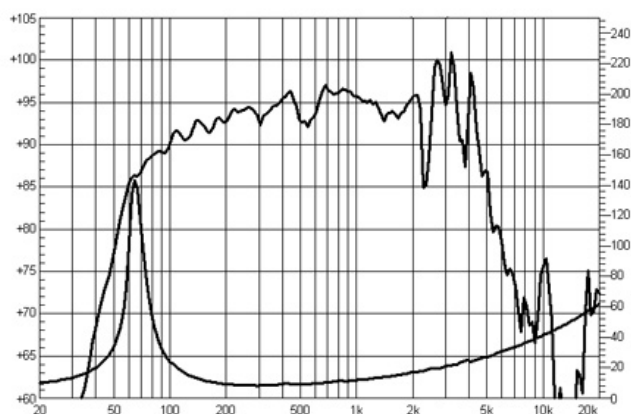
Weight	4,7 kg
Overall Diameter	266 mm
Overall Depth	133 mm
Baffle Cut Diameter	235 mm
Mounting holes number	8
Mounting holes diameter	6 mm
Mounting bolt diameter	253 mm

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	310 g

DIAGRAM

Frequency Response	Reflex Box 40 dmc - 2,83 V - 1m
Impedance	(Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	11,52
Qes	0,36
Qts	0,35
Fs	67,00 Hz
Re	6,80 Ohm
Mms	48,11 g
Cms	0,12 mm/N
Bl	19,65 T*m
Sd	355,00 cm ²
Vas	20,74 liter
u0	1,69 %
XMax	7,5 mm
Le	0,79 mH
Rms	1,76 Kg/s
Efficiency Bandwidth	187,85

Air gap height = mm 10
Winding height = mm 20