

KEY FEATURES

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



GENERAL SPECIFICATIONS

Nominal Diameter	12 in - 320 mm
Nominal Impedance	8.00 Ohm
Nominal Rdc	5.4 Ohm
Power handling (AES) (*)	400 Watt
Max Power	800 Watt
Minimum Impedance	7.52 Ohm
Frequency Range	20 ÷ 3000 Hz
Voice Coil Diameter	3 in - 75 mm
S.P.L. (1w, 1m)	100 dB
Nominal Fs	55 Hz
Flux Density	1.5 T
Sinusoidal Test Voltage	15 V

(*) Life Test

Box Volume	60 liters
Input Signal	Pink noise
Band Pass Filter	20 - 2000Hz, 12dB/oc
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	11.36
Qes	0.23
Qts	0.22
Fs	55.10 Hz
Re	6.10 Ohm
Mms	49.50 g
Cms	0.17 mm/N
Bl	21.36 T*m
Sd	530.00 cm ²
Vas	66.42 liter
u0	4.68 %
XMax	6.5 mm
Le	0.54 mH
Rms	1.51 Kg/s
Efficiency Bandwidth	240.49

Air gap height = mm 10
Winding height = mm 18

MECHANICAL & SHIPPING INFORMATIONS

Net weight	5.0 kg
Overall Diameter	315 mm
Overall Depth	155 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 Material	Kapton
Voice Coil Wire	Aluminium
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex ® fabric
Surround Shape	Two rolls
Suspension Material	Doped Nomex ® fabric
Magnet Type	Neodymium
Magnet Weight	460 g

DIAGRAM

Frequency Response	Box 25 dmc - 2.83 V - 1 m
Impedance	(Iac=10m A)

