

KEY FEATURES

- 1000 Watt Max power
- 75 mm (3 in) voice coil, aluminium wire
- Demodulating ring for lower distortion
- Interleaved sandwich voice coil
- Weather protected membrane for outdoor use
- Ventilated voice coil and magnet circuit for improved heat dissipation
- Neodymium magnet assembly



GENERAL SPECIFICATIONS

Nominal Diameter	12 in - 320 mm
Nominal Impedance	8 Ohm
Nominal Rdc	5.6 Ohm
Power handling (AES) (*)	500 Watt
Max Power	1000 Watt
Minimum Impedance	6.86 Ohm
Frequency Range	50 ÷ 3000 Hz
Voice Coil Diameter	3 in - 75 mm
S.P.L. (1w, 1m)	98 dB
Nominal Fs	55 Hz
Flux Density	1.45 T
Sinusoidal Test Voltage	15 V

(*) Life Test	
Box Volume	60 liters
Input Signal	Pink noise
Band Pass Filter	50 - 2000Hz, 12 dB/oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	7.07
Qes	0.34
Qts	0.33
Fs	53.90 Hz
Re	5.54 Ohm
Mms	63.81 g
Cms	0.14 mm/N
Bl	18.68 T*m
Sd	535.00 cm ²
Vas	54.87 liter
u0	2.41 %
XMax	8.5 mm
Le	0.4 mH
Rms	3.06 Kg/s
Efficiency Bandwidth	157.00

Air gap height = mm 10
Winding height= mm 22

MECHANICAL & SHIPPING INFORMATIONS

Net weight	5.2 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	Fiberglass
Voice Coil Wire	Copper
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	510 g

DIAGRAM

Frequency Response	Reflex Box (80 liters) - 2.83 V - 1 m
Impedance	(Iac=10m A)

