

KEY FEATURES

- 1000 Watt Max Power
- 75 mm (3 in) voice coil, copper wire
- Interleaved sandwich voice coil
- Weather protected membrane for outdoor use
- Ventilated magnet circuit for improved dissipation
- Demodulating ring lower distortion



GENERAL SPECIFICATIONS

Nominal Diameter	15 in - 380 mm
Nominal Impedance	8 Ohm
Nominal Rdc	5.6 Ohm
Power handling (AES) (*)	500 Watt
Max Power	1000 Watt
Minimum Impedance	6.3 Ohm
Frequency Range	30 ÷ 2000 Hz
Voice Coil Diameter	75 mm (3 in)
S.P.L. (1w, 1m)	97 dB
Nominal Fs	39 Hz
Flux Density	1.04 T
Sinusoidal Test Voltage	15 V

(*) Life Test

Box Volume	80 liters
Input Signal	Pink noise
Band Pass Filter	30 - 2000 Hz, 12 dB/oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	8.24
Qes	0.46
Qts	0.43
Fs	39.10 Hz
Re	5.83 Ohm
Mms	99.77 g
Cms	0.17 mm/N
Bl	17.70 T*m
Sd	855.00 cm ²
Vas	170.32 liter
u0	2.15 %
XMax	6.75 mm
Le	0.77 mH
Rms	2.97 Kg/s
Efficiency Bandwidth	85.73

Air gap height = mm 10
Winding height= mm 18.5

MECHANICAL & SHIPPING INFORMATIONS

Net weight	7.55 Kg
Overall Diameter	388 mm
Overall Depth	160 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	6.5 mm
Mounting bolt diameter	368 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Kapton
Voice Coil Wire	Copper
Cone Material	Doped Paper
Cone Shape	Exponential
Surround Material	Doped Nomex fabric
Surround Shape	Three wave
Suspension Material	Doped Nomex fabric
Magnet Type	Ferrite
Magnet Weight	1770 g

DIAGRAM

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

