

KEY FEATURES

- 1200 Watt Max Power
- 100 mm (4 in) voice coil, aluminium wire
- Weather protected membrane for outdoor use
- Ventilated magnet circuit for improved dissipation
- Demodulating ring lower distortion



MECHANICAL & SHIPPING INFORMATIONS

Net weight	12.6 Kg
Overall Diameter	314 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	Ferrite
Magnet Weight	3500 g

GENERAL SPECIFICATIONS

Nominal Diameter	12 in - 320 mm
Nominal Impedance	8 Ohm
Nominal Rdc	5.8 Ohm
Power handling (AES) (*)	600 Watt
Max Power	1200 Watt
Minimum Impedance	7.67 Ohm
Frequency Range	40 ÷ 1500 Hz
Voice Coil Diameter	100 mm (4 in)
S.P.L. (1w, 1m)	94 dB
Nominal Fs	50 Hz
Flux Density	1.0 T
Sinusoidal Test Voltage	15 V

(*) Life Test	
Box Volume	60 liters
Input Signal	Pink noise
Band Pass Filter	40 - 1500 Hz, 12 dB7oct
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	7.05
Qes	0.43
Qts	0.41
Fs	49.30 Hz
Re	5.90 Ohm
Mms	108.36 g
Cms	0.10 mm/N
Bl	21.40 T*m
Sd	551.00 cm ²
Vas	40.97 liter
u0	1.09 %
XMax	9.75 mm
Le	0.98 mH
Rms	4.76 Kg/s
Efficiency Bandwidth	114.01

Air gap height = mm 13
Winding height = mm 26

DIAGRAM

Frequency Response	Reflex Box 60 liters) - 2.83 V - 1 m
Impedance	(Iac=10m A)

