

KEY FEATURES

- 2000 Watt Max Power
- 100 mm (4 in) voice coil, copper 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	15 in - 380 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6 Ohm
Power handling (AES) (*)	1000 Watt
Max Power	2000 Watt
Minimum Impedance	7.7 Ohm
Frequency Range	30 ÷ 500 Hz
Voice Coil Diameter	4 in - 100 mm
S.P.L. (1w, 1m)	96 dB
Nominal Fs	28 Hz
Flux Density	1.25 T
Sinusoidal Test Voltage	18 V

(*) Life Test

Box Volume	80 liters
Input Signal	Pink noise
Band Pass Filter	20 - 2000Hz, 12dB/oc
Test duration	2 hours

THIELE-SMALL PARAMETERS

Qms	11.19
Qes	0.26
Qts	0.25
Fs	27.90 Hz
Re	6.04 Ohm
Mms	143.00 g
Cms	0.23 mm/N
Bl	24.19 T*m
Sd	830.00 cm ²
Vas	219.93 liter
u0	1.78 %
XMax	11.5 mm
Le	1.07 mH
Rms	2.24 Kg/s
Efficiency Bandwidth	107.83

Air gap height = mm 14
Winding height = mm 30

MECHANICAL & SHIPPING INFORMATIONS

Net weight	8.0 kg
Overall Diameter	388 mm
Overall Depth	182 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	370 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Kapton
Voice Coil Wire	Copper
Cone Material	Doped Paper
Cone Shape	Straight
Surround Material	Doped Nomex ® fabric
Surround Shape	Two rolls
Suspension Material	Doped Nomex ® fabric
Magnet Type	Neodymium
Magnet Weight	620 g

DIAGRAM

Frequency Response	Reflex Box (140 dmc) - 2.83 V - 1 m
Impedance	(Iac=10m A)

