

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

Nominal Diameter	15" - 380 mm	
Nominal Impedance	8 Ohm	
Nominal Rdc	6 Ohm	±0,4 Ohm
Power handling (AES) (*)	1000 Watt	
Max Power	2000 Watt	
Voice Coil Diameter	100 mm	4,00 in
S.P.L. (1w, 1m)	96 dB	±1,5 dB
Nominal Fs	28 Hz	±4 Hz
Flux Density	1,25 T	±0,08 T
Frequency Range	30-500 Hz	
Sinusoidal Test Voltage	18 V	

(*) Life Test

Box Volume	80 liters
Input Signal	Pink noise
Band Pass Filter	20-2000Hz, 12dB/oct
V on Speaker	90 V
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)

