

KEY FEATURES

- 2000 Watt Max Power
- 100 mm (4 in) voice coil, copper wire
- Interleaved sandwich voice coil
- Neodymium magnet assembly
- Weather protected membrane for outdoor use
- Ventilated voice coil and magnet circuit for improved heat dissipation



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	7.8 Ohm
Frequency Range	30 ÷ 500 Hz
Voice Coil Diameter	4 in - 100 mm
S.P.L. (1w, 1m)	96 dB
Nominal Fs	31 Hz
Flux Density	1.2 T
Sinusoidal Test Voltage	18 V

(*) Life Test

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

MECHANICAL & SHIPPING INFORMATIONS

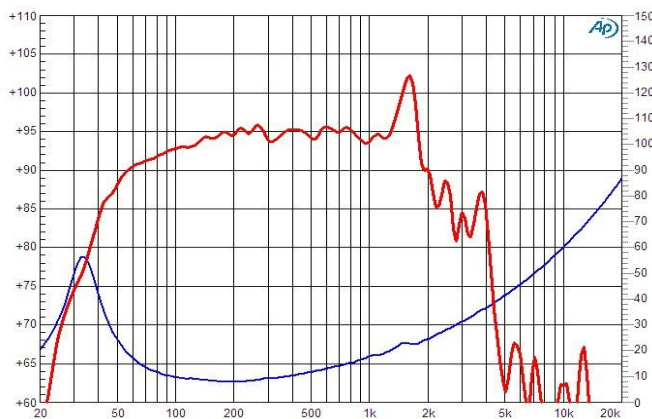
Net weight	8 kg
Overall Diameter	388 mm
Overall Depth	180 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	7 mm
Mounting bolt diameter	370 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Fiberglass
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 (90 dmc) - 2.83 V - 1 m
 Impedance (Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	2.59
Qes	0.28
Qts	0.25
Fs	31.20 Hz
Re	5.96 Ohm
Mms	160.97 g
Cms	0.16 mm/N
Bl	26.09 T*m
Sd	830.00 cm²
Vas	156.24 liter
u0	1.66 %
XMax	11.5 mm
Le	1.07 mH
Rms	12.18 Kg/s
Efficiency Bandwidth	112.92

Air gap height = mm 14
 Winding height = mm 30