

KEY FEATURES

- 2000 Watt Max Power
- 100 mm (4 in) voice coil, copper wire
- Double spider for improved control and linearity
- Ferrite magnet assembly
- Interleaved sandwich voice coil
- Weather protected membrane for outdoor use
- Rubber Surround



GENERAL SPECIFICATIONS

Nominal Diameter	15 in - 380 mm
Nominal Impedance	8 Ohm
Nominal Rdc	6.5 Ohm
Power handling (AES) (*)	1000 Watt
Max Power	2000 Watt
Minimum Impedance	7.8 Ohm
Frequency Range	20 ÷ 200 Hz
Voice Coil Diameter	100 mm (4 in)
S.P.L. (1w, 1m)	93 dB
Nominal Fs	38 Hz
Flux Density	1.1 T
Sinusoidal Test Voltage	15 V

(*) Life Test

Box Volume	90 liters
Input Signal	Pink noise
Band Pass Filter	20 - 200 Hz, 12 dB/oc
Test duration	2 hours

MECHANICAL & SHIPPING INFORMATIONS

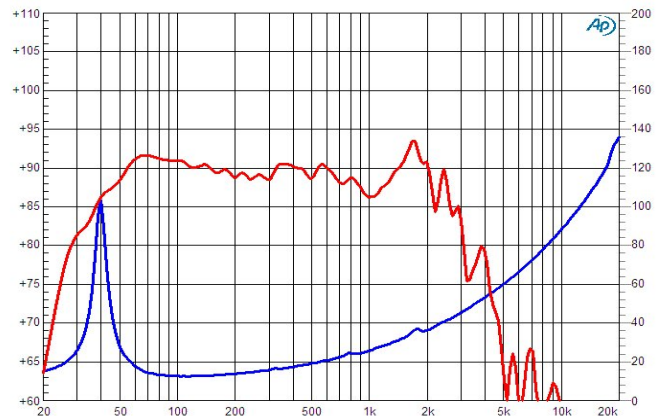
Net weight	12.1 kg
Overall Diameter	390 mm
Overall Depth	172 mm
Baffle Cut Diameter	354 mm
Mounting holes number	8
Mounting holes diameter	6.5 mm
Mounting bolt diameter	370 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former Material	Kapton
Voice Coil Wire	Copper
Cone Material	Doped Paper
Cone Shape	Straight
Surround Material	Rubber
Surround Shape	Half roll
Suspension Material	Doped Nomex® fabric
Magnet Type	Ferrite
Magnet Weight	3500 g

DIAGRAM

Frequency Response	Reflex Box 90 liters - 2.83 V - 1 m
Impedance	(Iac=10m A)



THIELE-SMALL PARAMETERS

Qms	7.35
Qes	0.44
Qts	0.41
Fs	38.2 Hz
Re	6.75 Ohm
Mms	178.8 g
Cms	0.0000971 m/N
Bl	25.72 Wb/m
Sd	0.075 m²
Vas	0.077 m³
u0	0.95 %
XMax	11.5 mm
Le	2.4 mH

Air gap height = mm 10
Winding height = mm 33