

Product Details

Brand	Eminence Speaker
Model	IMPERO 18A
Part Number	290-696
UPC	876358002054
Unit of Measure	Each
Weight	31.15

Product Specifications

Nominal Diameter	18"
Moving Mass Of Diaphragm (Mmd)	140
Power Handling (RMS)	1200 Watts
Power Handling (MAX)	2400 Watts
Impedance	8 Ω
Frequency Response	39 to 820Hz
Sensitivity	95.9dB 2.83V/1m
Voice Coil Diameter	4"

Thiele-Small Parameters

Resonant Frequency (Fs)	33Hz
DC Resistance (Re)	5.41 Ω
Voice Coil Inductance (Le)	1.47mH
Mechanical Q (Qms)	14.02
Electromagnetic Q (Qes)	0.44
Total Q (Qts)	0.43
Compliance Equivalent Volume (Vas)	11.2ft ³

Thiele-Small Parameters

Mechanical Compliance of Suspension (Cms)	0.17mm/N
BL Product (BL)	18.9T·m
Maximum Linear Excursion (Xmax)	8mm
Surface Area of Cone (Sd)	1159cm ²

Materials of Construction

Cone Material	Treated Paper
Surround Material	Cloth
Voice Coil Wire Material	Copper
Voice Coil Former	Fiberglass
Basket / Frame Material	Cast Aluminum
Magnet Material	Ferrite

Mounting Information

Overall Outside Diameter	18"
Baffle Cutout Diameter	16.56"
Depth	8.31"
# Mounting Holes	8

Optimum Cabinet Size (determined using BassBox 6 Pro High Fidelity suggestion)

Sealed Volume	4.14ft ³
Sealed F3	63Hz

Optimum Cabinet Size (determined using BassBox 6 Pro High Fidelity suggestion)

Vented Volume	11.04ft ³
Vented F3	34Hz