

Product Details

Brand	Eminence Speaker
Model	IMPERO 15A
Part Number	290-692
UPC	876358002030
Unit of Measure	Each
Weight	27.5

Product Specifications

Nominal Diameter	15"
Moving Mass Of Diaphragm (Mmd)	101
Power Handling (RMS)	1200 Watts
Power Handling (MAX)	2400 Watts
Impedance	8Ω
Frequency Response	46 to 2,000Hz
Sensitivity	95.6dB 2.83V/1m
Voice Coil Diameter	4"

Thiele-Small Parameters

Resonant Frequency (Fs)	43Hz
DC Resistance (Re)	5.42Ω
Voice Coil Inductance (Le)	1.47mH
Mechanical Q (Qms)	15.33
Electromagnetic Q (Qes)	0.4
Total Q (Qts)	0.39
Compliance Equivalent Volume (Vas)	5.03ft³

## Thiele-Small Parameters

Mechanical Compliance of Suspension (Cms)	0.14mm/N
BL Product (BL)	19.18T·m
Maximum Linear Excursion (Xmax)	7.3mm
Surface Area of Cone (Sd)	856.3cm <sup>2</sup>

## 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	15.22"
Baffle Cutout Diameter	13.99"
Depth	6.56"
# Mounting Holes	8

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

Sealed Volume	1.5ft <sup>3</sup>
Sealed F3	88Hz

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

Vented Volume	3.66ft <sup>3</sup>
Vented F3	49Hz