

Product Details

Brand	Eminence Speaker
Model	Beta-6A
Part Number	290-662
UPC	876358002115
Unit of Measure	Each
Weight	6.25

Product Specifications

Nominal Diameter	6-1/2"
Moving Mass Of Diaphragm (Mmd)	11
Power Handling (RMS)	175 Watts
Power Handling (MAX)	350 Watts
Impedance	8Ω
Frequency Response	95 to 4,000Hz
Sensitivity	94dB 2.83V/1m
Voice Coil Diameter	2"

Thiele-Small Parameters

Resonant Frequency (Fs)	123Hz
DC Resistance (Re)	5.18Ω
Voice Coil Inductance (Le)	0.43mH
Mechanical Q (Qms)	3.46
Electromagnetic Q (Qes)	0.66
Total Q (Qts)	0.56
Compliance Equivalent Volume (Vas)	0.12ft ³

Thiele-Small Parameters

Mechanical Compliance of Suspension (Cms)	0.15mm/N
BL Product (BL)	8.13T·m
Maximum Linear Excursion (Xmax)	4.5mm
Surface Area of Cone (Sd)	129.9cm ²

Materials of Construction

Cone Material	Paper
Surround Material	Cloth
Voice Coil Wire Material	Aluminum
Voice Coil Former	Kapton® / Polyimide
Basket / Frame Material	Steel
Magnet Material	Ferrite

Mounting Information

Overall Outside Diameter	6.59"
Baffle Cutout Diameter	5.65"
Depth	2.66"
# Mounting Holes	4

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

Sealed Volume	0.081ft ³
Sealed F3	189Hz

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

Vented Volume	0.227ft ³
Vented F3	91.05Hz