

Product Details

Brand	Eminence Speaker
Model	Beta-8A
Part Number	290-404
UPC	876358000067
Unit of Measure	Each
Weight	7

Product Specifications

Nominal Diameter	8"
Moving Mass Of Diaphragm (Mmd)	16
Power Handling (RMS)	225 Watts
Power Handling (MAX)	450 Watts
Impedance	8Ω
Frequency Response	78 to 4,500Hz
Sensitivity	95.1dB 2.83V/1m
Voice Coil Diameter	2"

Thiele-Small Parameters

Resonant Frequency (Fs)	65Hz
DC Resistance (Re)	5.99Ω
Voice Coil Inductance (Le)	0.49mH
Mechanical Q (Qms)	4.95
Electromagnetic Q (Qes)	0.42
Total Q (Qts)	0.38
Compliance Equivalent Volume (Vas)	0.82ft³

Thiele-Small Parameters

Mechanical Compliance of Suspension (Cms)	0.37mm/N
BL Product (BL)	9.6T·m
Maximum Linear Excursion (Xmax)	3mm
Surface Area of Cone (Sd)	210cm²

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	8.24"
Baffle Cutout Diameter	7.13"
Depth	3.5"
# Mounting Holes	8

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

Sealed Volume	0.22ft³
Sealed F3	146Hz

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

Vented Volume	0.55ft ³
Vented F3	87Hz