

Product Details

Brand	Eminence Speaker
Model	Delta-12A
Part Number	290-414
UPC	876358000227
Unit of Measure	Each
Weight	13.9

Product Specifications

Nominal Diameter	12"
Moving Mass Of Diaphragm (Mmd)	39
Power Handling (RMS)	400 Watts
Power Handling (MAX)	800 Watts
Impedance	8 Ω
Frequency Response	54 to 5,000Hz
Sensitivity	98.3dB 2.83V/1m
Voice Coil Diameter	2.5"

Thiele-Small Parameters

Resonant Frequency (Fs)	55Hz
DC Resistance (Re)	6.3 Ω
Voice Coil Inductance (Le)	0.74mH
Mechanical Q (Qms)	5.27
Electromagnetic Q (Qes)	0.46
Total Q (Qts)	0.43
Compliance Equivalent Volume (Vas)	2.87ft ³

Thiele-Small Parameters

Mechanical Compliance of Suspension (Cms)	0.21mm/N
BL Product (BL)	13.5T·m
Maximum Linear Excursion (Xmax)	2.4mm
Surface Area of Cone (Sd)	519.5cm 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	12.03"
Baffle Cutout Diameter	10.95"
Depth	5.35"
# Mounting Holes	8

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

Sealed Volume	0.9ft ³
Sealed F3	109Hz

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

Vented Volume	2.8ft ³
Vented F3	59Hz