

Delta15B Med Vented Cabinet

By McJerry, Eminence Speaker LLC
Displacement Limited to 50 Watts; F3 of 64.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.85 cu.ft

V(total) = 2.99 cu.ft

Fb = 67.38 Hz

QL = 7

F3 = 64.18 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4.041 in

Lv = 0.75 in

Driver Properties

--Description--

Name: Delta-15 (16 ohm)

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Ribbed paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Pressed steel basket.

Voice Coil: 2.5 inch (63.5 mm) copper.

Magnet: 56 oz ferrite magnet.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 45.48 Hz

Qms = 6.54

Vas = 203.7 liters

Xmax = 1.6 mm

Sd = 856.3 sq.cm

Qes = 0.67

Re = 11.3 ohms

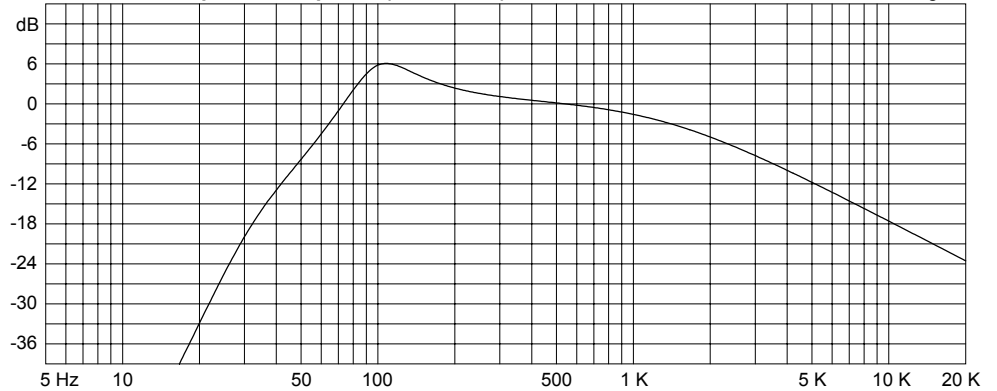
Le = 1.35 mH

Z = 16 ohms

Pe = 400 watts

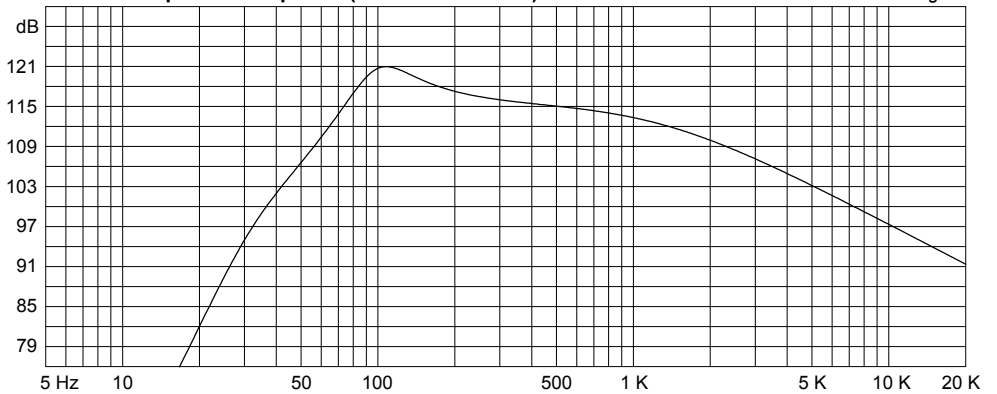
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



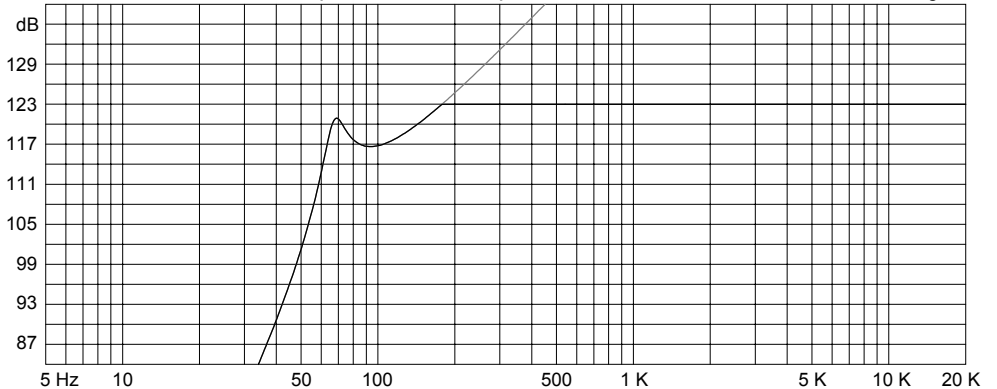
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 50 watts

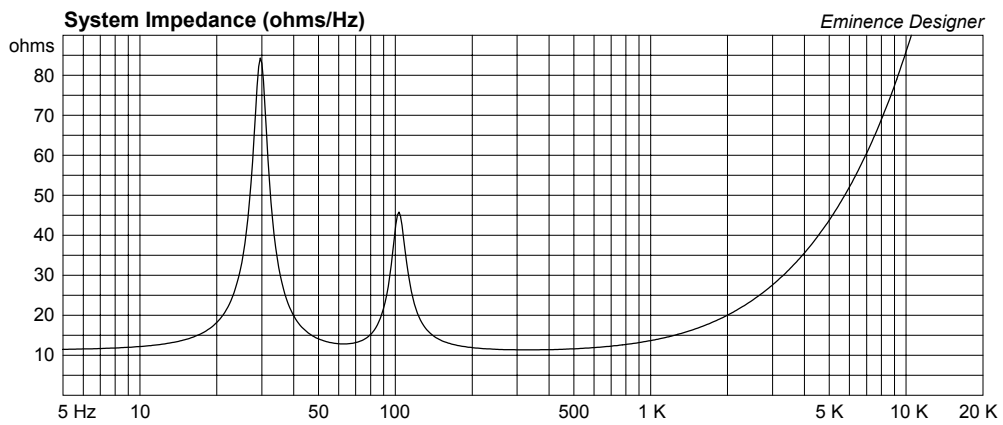
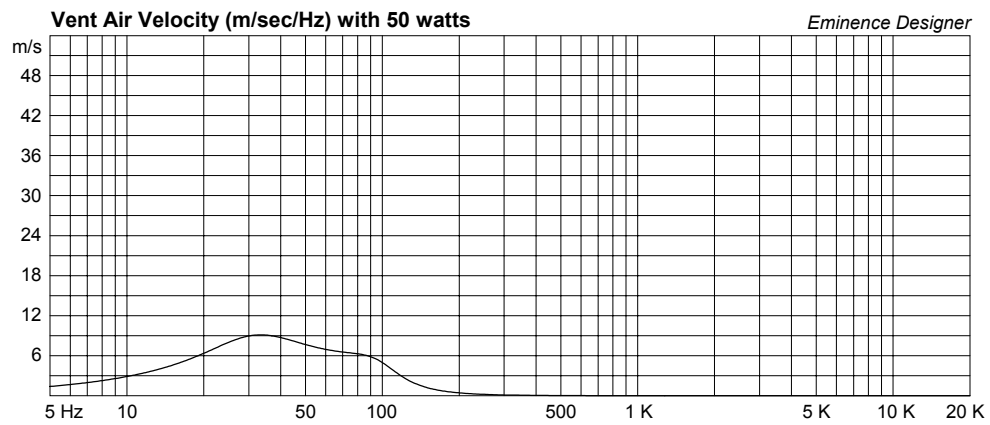
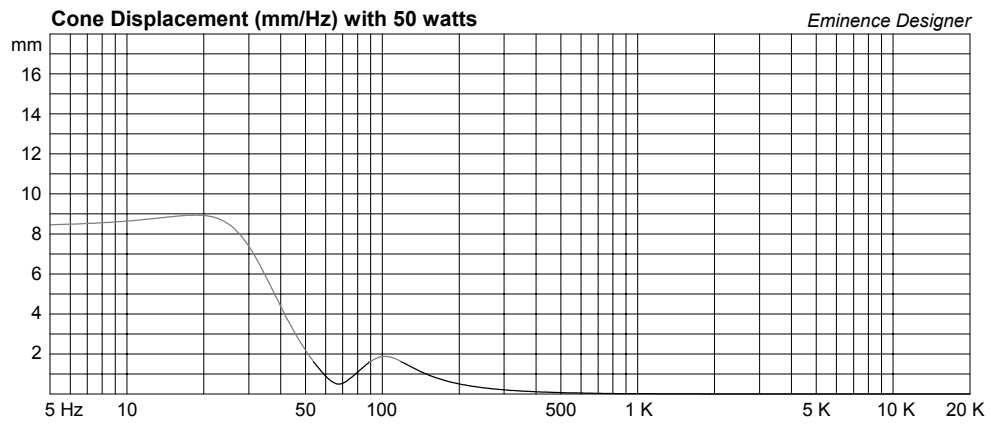
Eminence Designer



Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer





Delta15B Sealed Midrange or Vocal Monitor Cabinet

By McJerry, Eminence Speaker LLC

Displacement Limited to 200 Watts. NOT for Full Range Use. Use only with a steep high pass filter at 200 Hz.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.964 cu.ft

V(total) = 1.092 cu.ft

Qtc = 1.162

QL = 19.85

F3 = 90.99 Hz

Fill = heavy

Driver Properties

--Description--

Name: Delta-15 (16 ohm)

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Ribbed paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Pressed steel basket.

Voice Coil: 2.5 inch (63.5 mm) copper.

Magnet: 56 oz ferrite magnet.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 45.48 Hz

Qms = 6.54

Vas = 203.7 liters

Xmax = 1.6 mm

Sd = 856.3 sq.cm

Qes = 0.67

Re = 11.3 ohms

Le = 1.35 mH

Z = 16 ohms

Pe = 400 watts

