

Delta-12LFC Large Sealed Design

By Jerry McNutt, Eminence Speaker LLC
Limit to 200 Watts; F3 at 96. Vocal wedge or sealed Sat.
Crossover above 90 Hz.



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 2.5 cu.ft

V(total) = 2.5 cu.ft

Qtc = 0.513

QL = 20

F3 = 96.33 Hz

Fill = heavy

Driver Properties

--Description--

Name: Delta-12LFC

Type: Standard one-way driver

Comment: New for 2010 NAMM

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 52.22 Hz

Qms = 8.21

Vas = 2.249 cu.ft

Xmax = 0.189 in

Sd = 80.52 sq.in

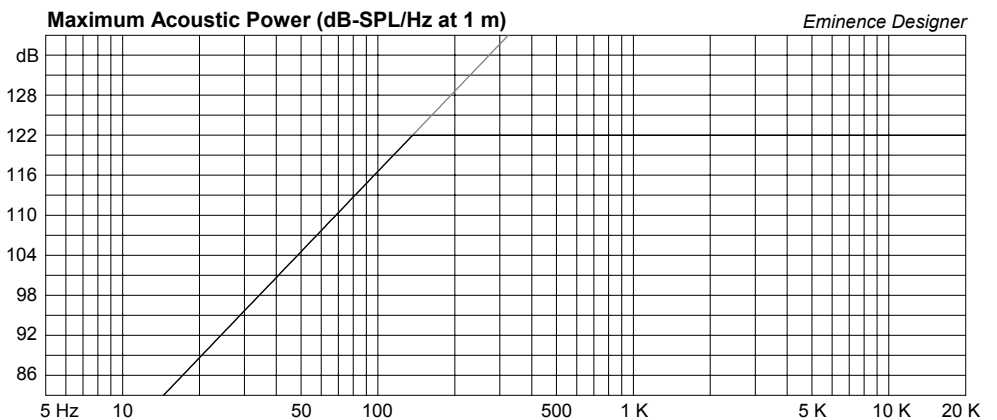
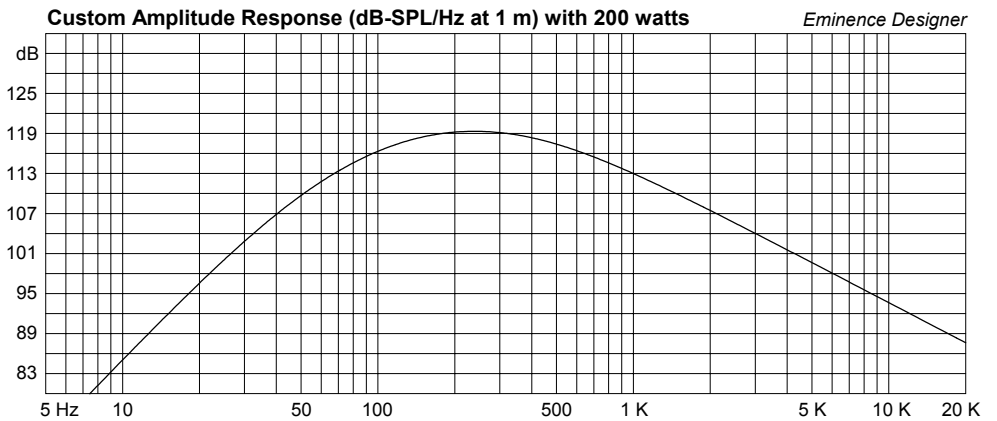
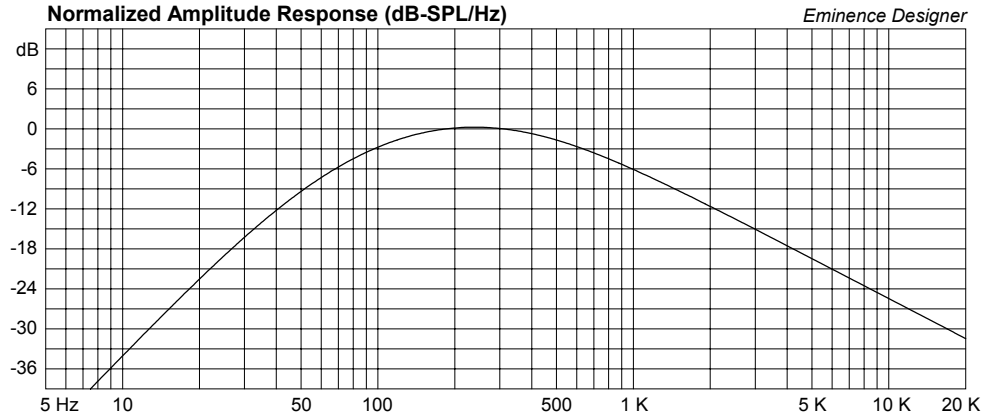
Qes = 0.47

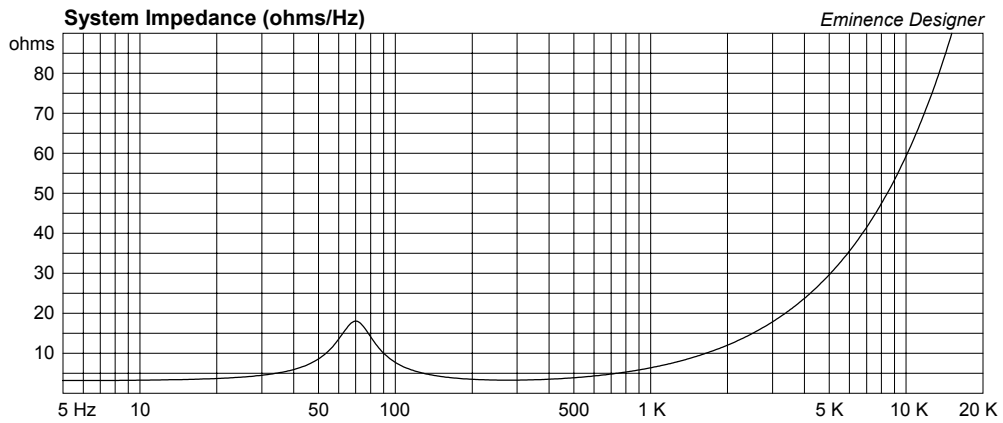
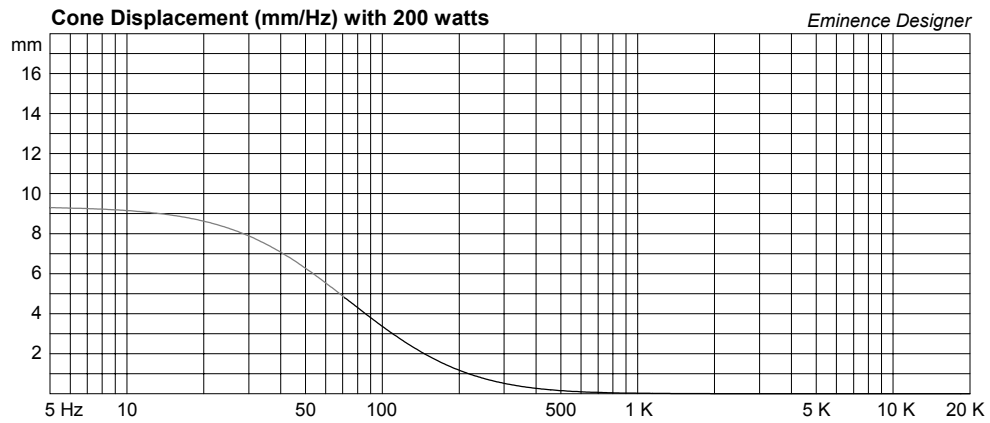
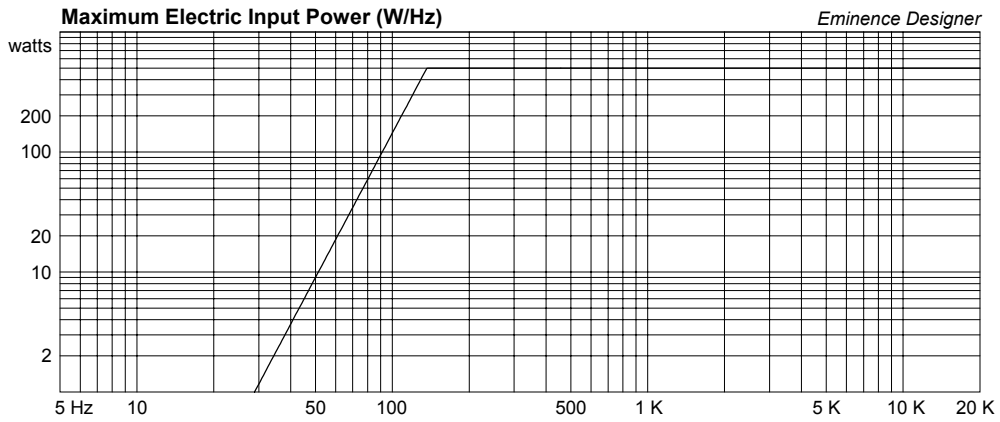
Re = 3.16 ohms

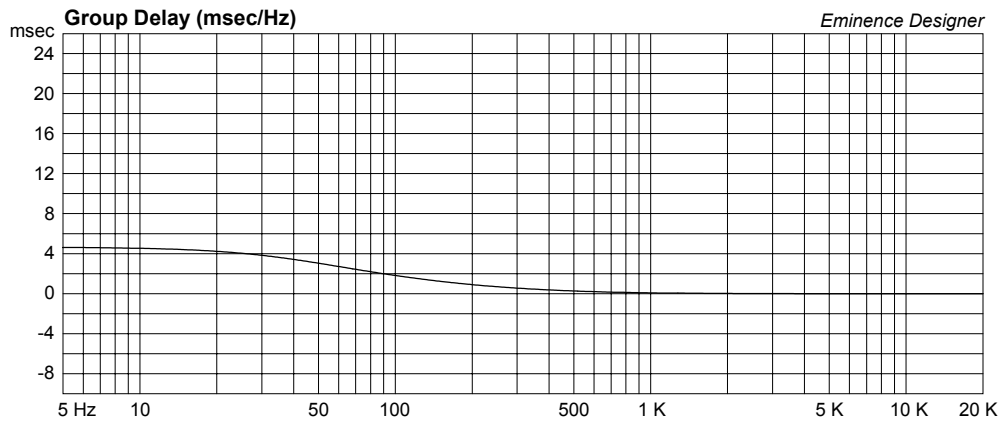
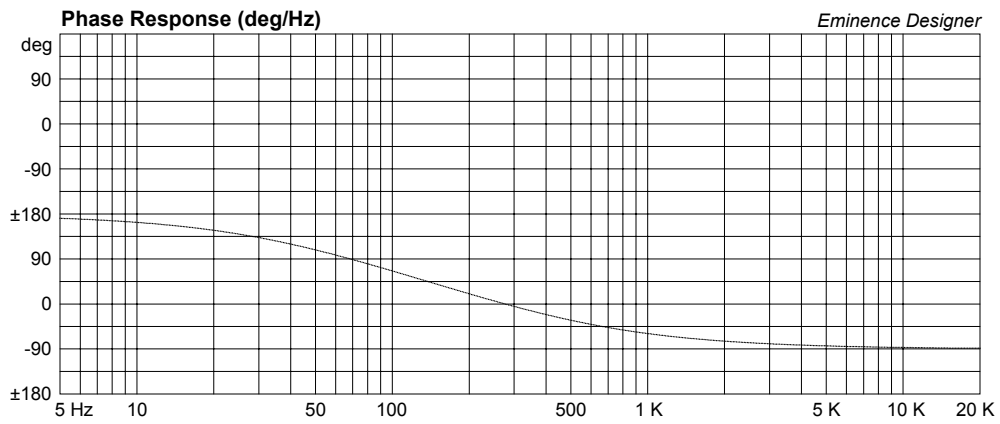
Le = 0.94 mH

Z = 4 ohms

Pe = 500 watts







Delta-12LFC Micro Sealed Vocal Wedge Monitor

By Jerry McNutt, Eminence Speaker LLC
Limit to 350 Watts; F3 at 100. Vocal wedge or sealed Sat.
Crossover above 100 Hz.



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.75 cu.ft

V(total) = 0.75 cu.ft

Qtc = 0.688

QL = 20

F3 = 100.5 Hz

Fill = heavy

Driver Properties

--Description--

Name: Delta-12LFC

Type: Standard one-way driver

Comment: New for 2010 NAMM

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 52.22 Hz

Qms = 8.21

Vas = 2.249 cu.ft

Xmax = 0.189 in

Sd = 80.52 sq.in

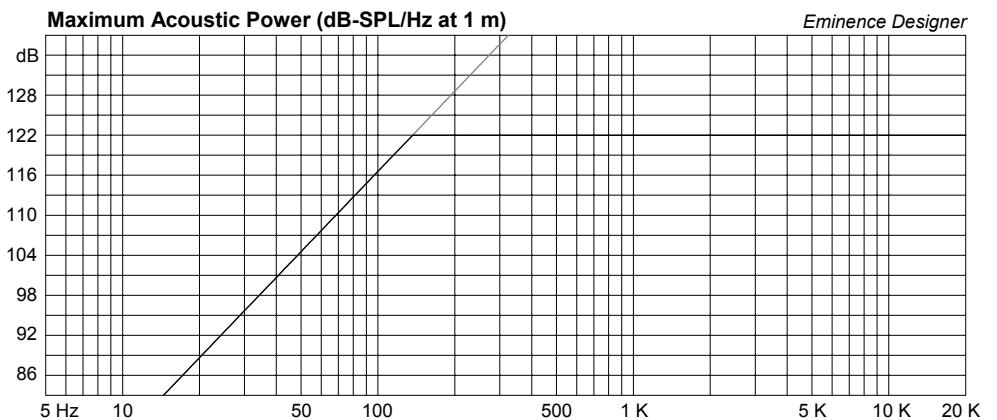
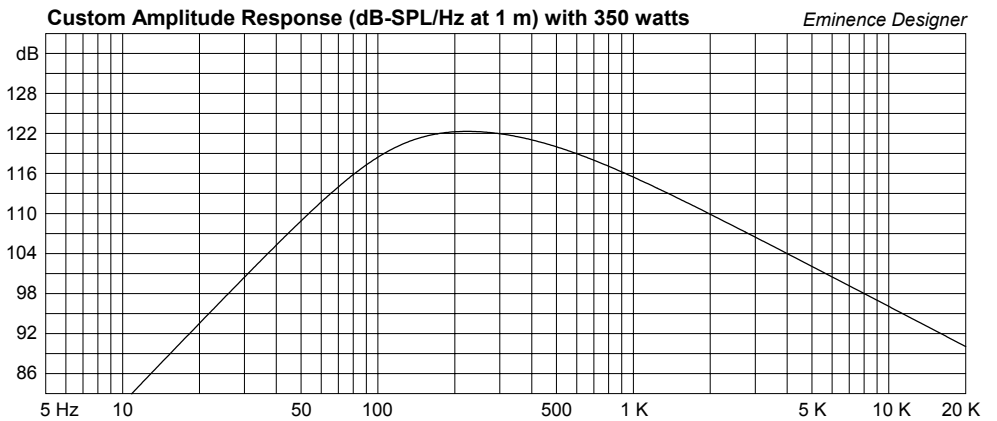
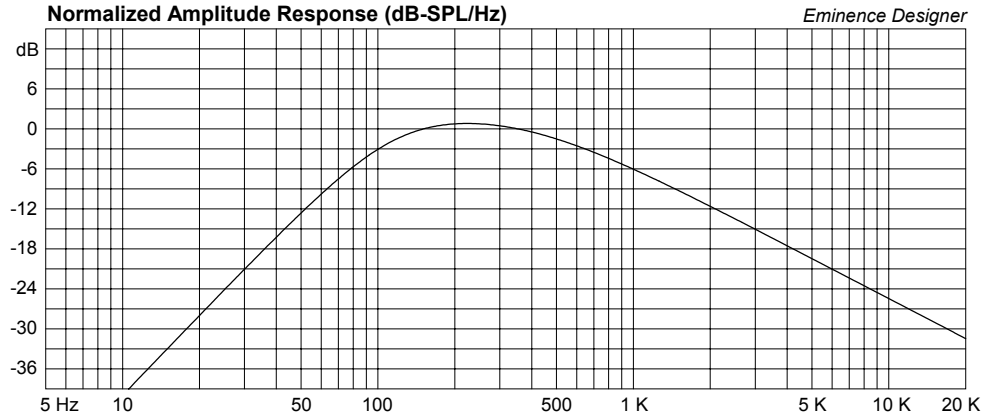
Qes = 0.47

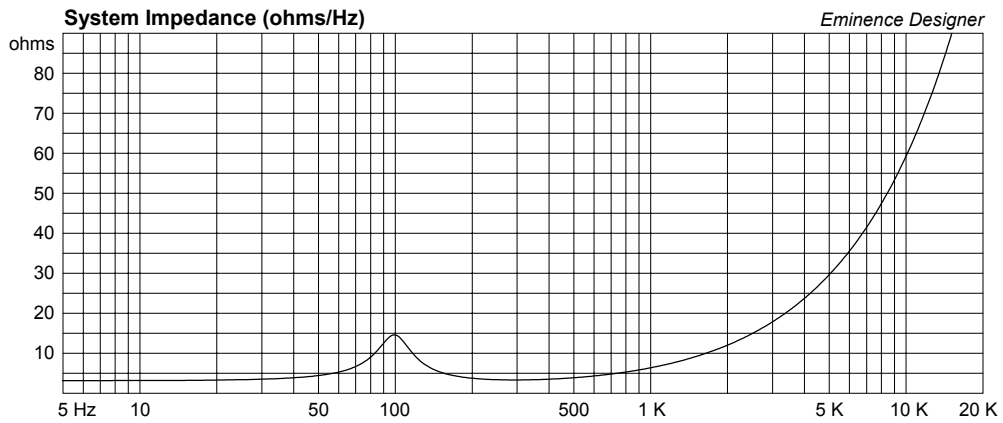
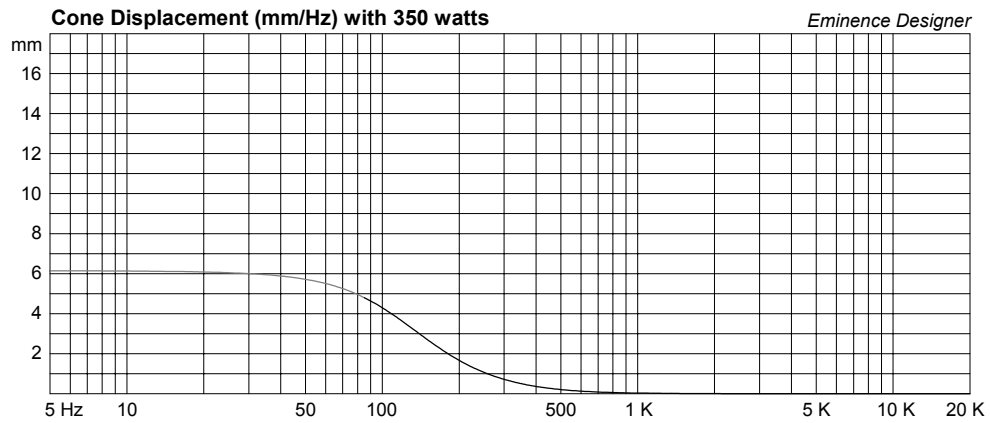
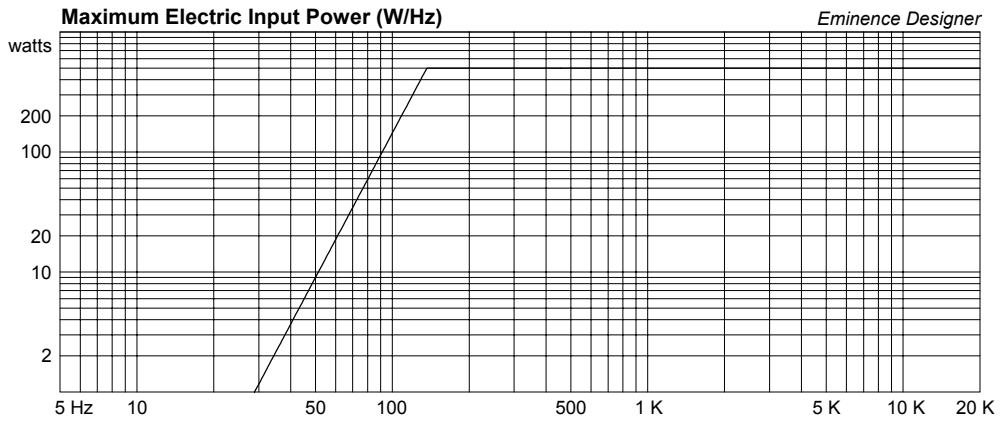
Re = 3.16 ohms

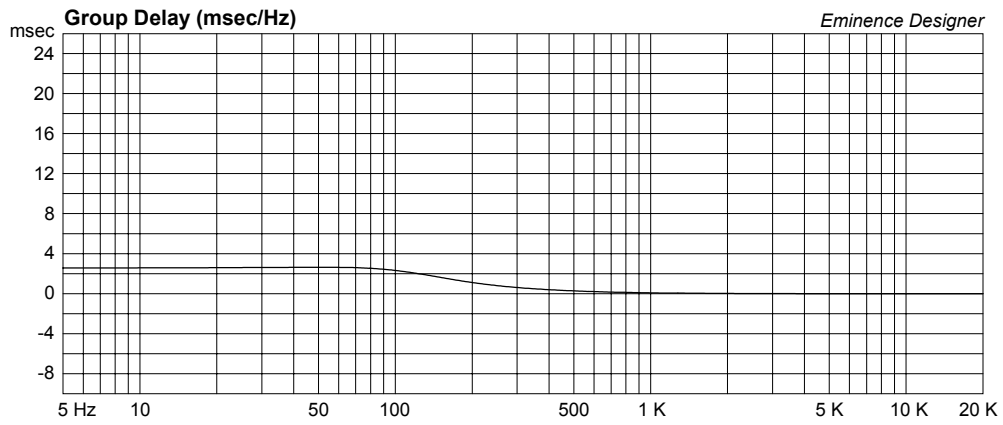
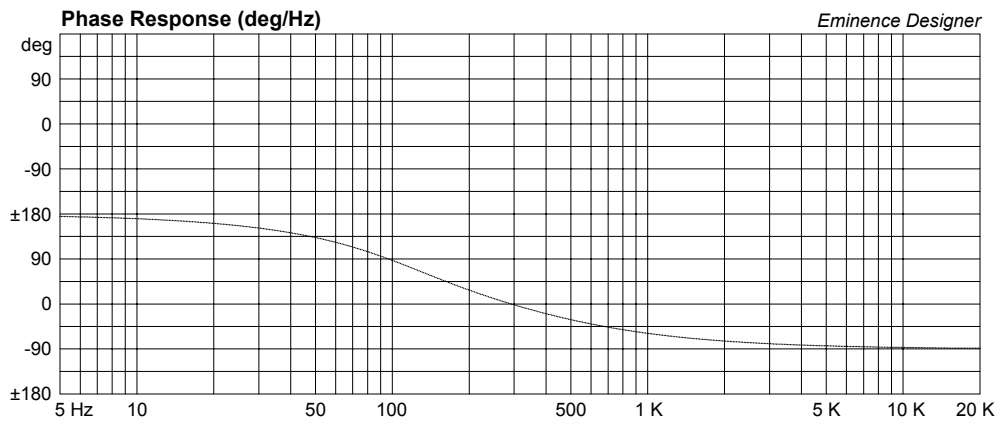
Le = 0.94 mH

Z = 4 ohms

Pe = 500 watts







Delta-12LFC Large Vented Design

By Jerry McNutt, Eminence Speaker LLC

Limit to 175Watts; F3 at 45 Hz.

Practice safe bass; high pass at 40Hz to protect your investment.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 3.3 cu.ft

V(total) = 3.495 cu.ft

Fb = 49 Hz

QL = 7

F3 = 44.71 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 4.134 in

Driver Properties

--Description--

Name: Delta-12LFC

Type: Standard one-way driver

Comment: New for 2010 NAMM

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 52.22 Hz

Qms = 8.21

Vas = 2.249 cu.ft

Xmax = 0.189 in

Sd = 80.52 sq.in

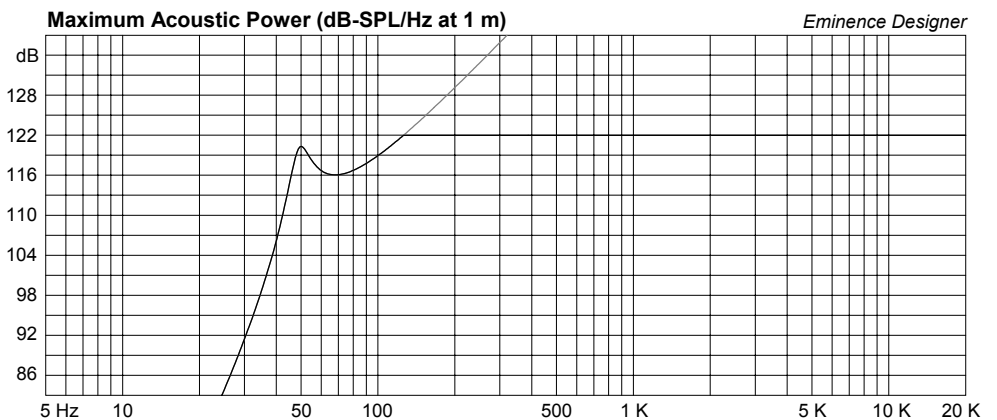
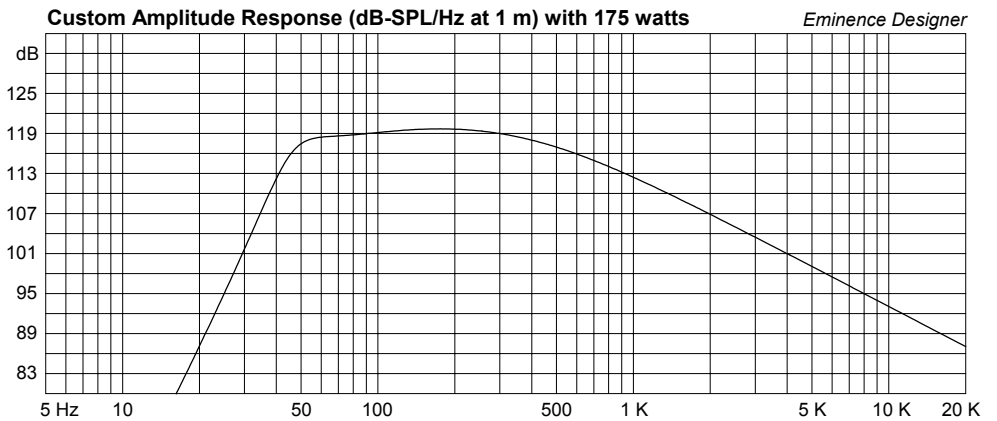
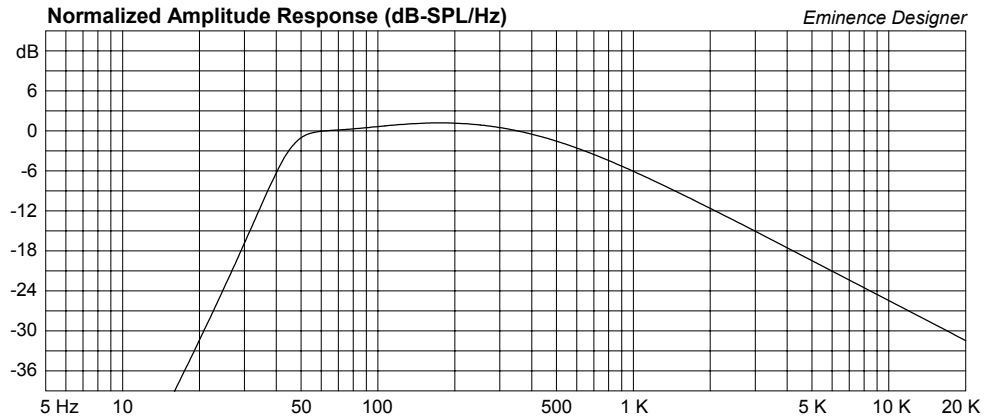
Qes = 0.47

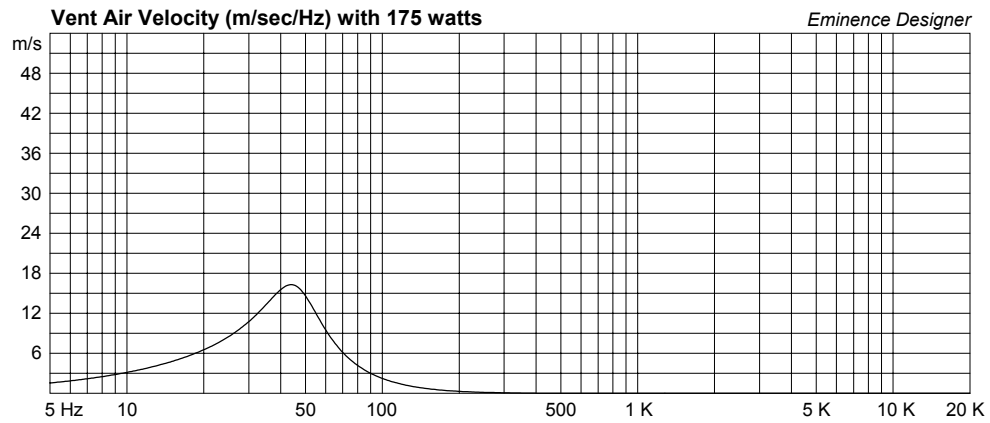
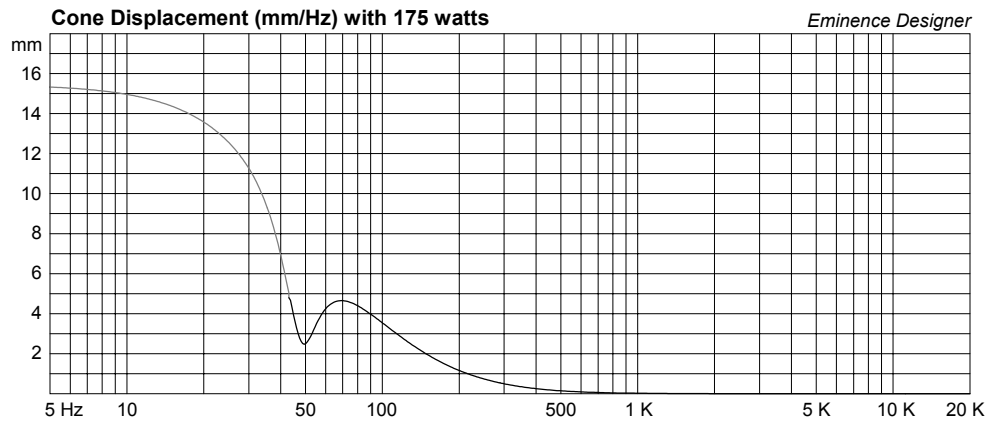
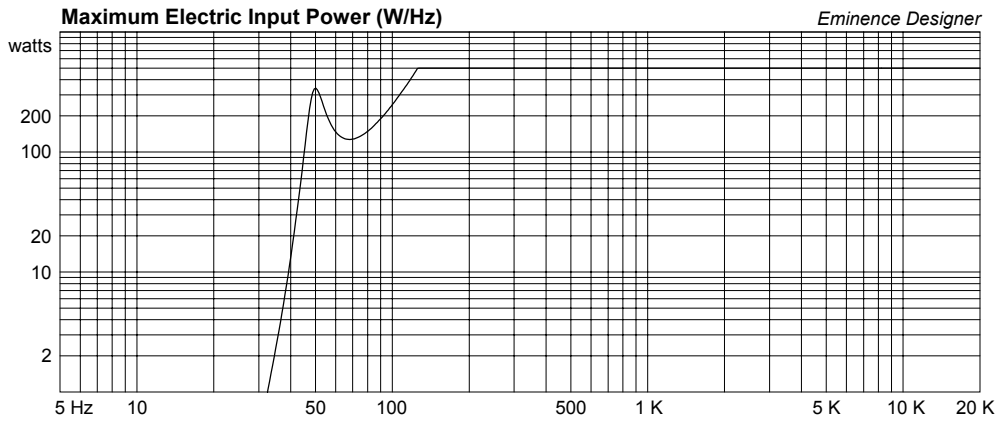
Re = 3.16 ohms

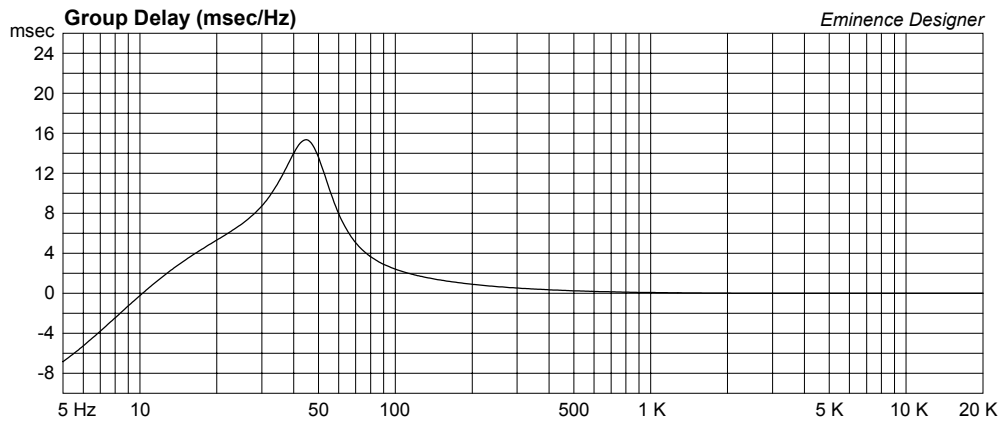
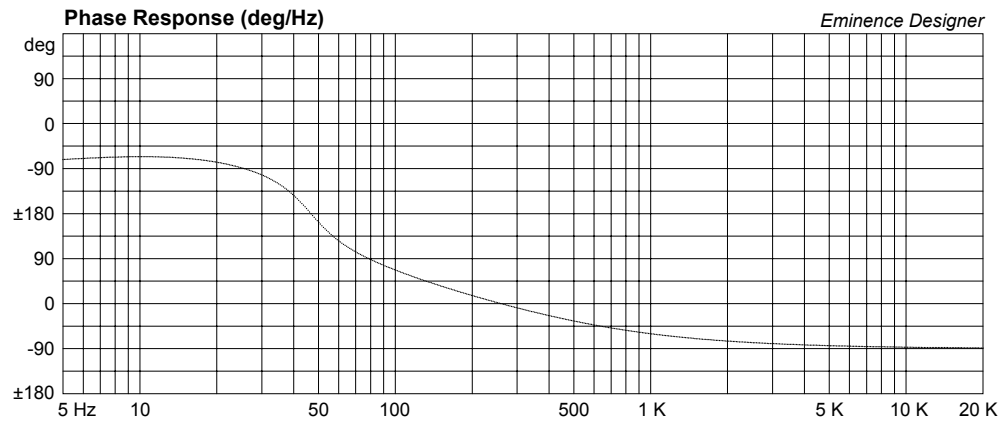
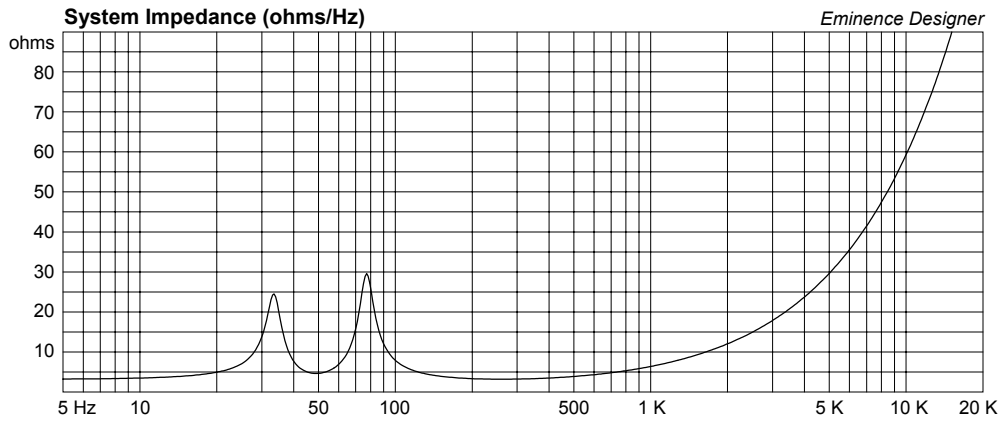
Le = 0.94 mH

Z = 4 ohms

Pe = 500 watts







Delta-12LFC Small Vented Design

By Jerry McNutt, Eminence Speaker LLC

Limit to 450 Watts; F3 at 70 Hz.

Crossover above 70 Hz. Vocal wedge or high power Sat.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.1 cu.ft

V(total) = 1.268 cu.ft

Fb = 68 Hz

QL = 7

F3 = 69.6 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 4.223 in

Driver Properties

--Description--

Name: Delta-12LFC

Type: Standard one-way driver

Comment: New for 2010 NAMM

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 52.22 Hz

Qms = 8.21

Vas = 2.249 cu.ft

Xmax = 0.189 in

Sd = 80.52 sq.in

Qes = 0.47

Re = 3.16 ohms

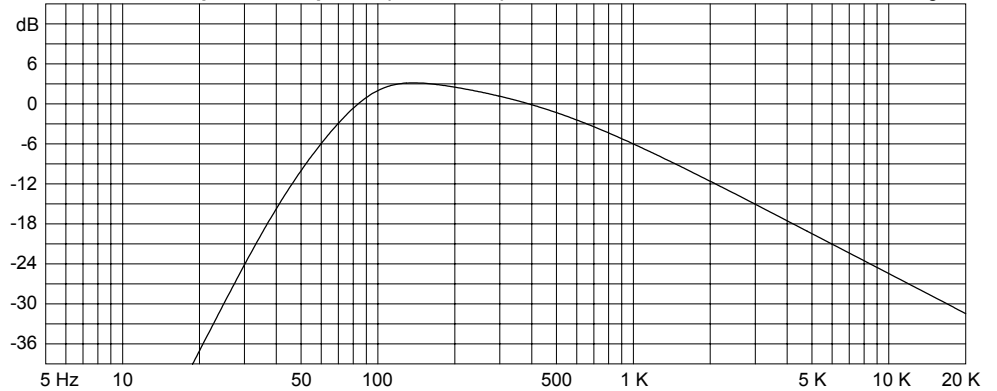
Le = 0.94 mH

Z = 4 ohms

Pe = 500 watts

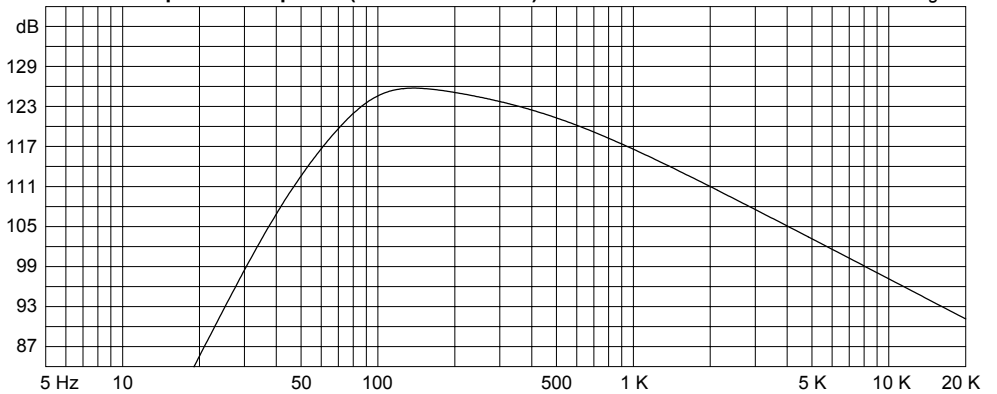
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 450 watts

Eminence Designer



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

Eminence Designer

