

Delta12LF Large Vented Cab, Low Fs, Deep Bass, Low Power

By McJerry, Eminence Speaker LLC

Displacement Limited to 125 Watts; F3 of 44 Hz. Use a steep high pass filter set to 35 Hz to protect driver from overexcursion.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.275 cu.ft

V(total) = 3.529 cu.ft

Fb = 41.42 Hz

QL = 7

F3 = 43.87 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 7.778 in

Driver Properties

--Description--

Name: Delta-12LF

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Updated NOV 2005

Piston: Paper cone.

Suspension: M-roll 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 = 51 Hz

Qms = 7.28

Vas = 67.88 liters

Xmax = 4.8 mm

Sd = 506.7 sq.cm

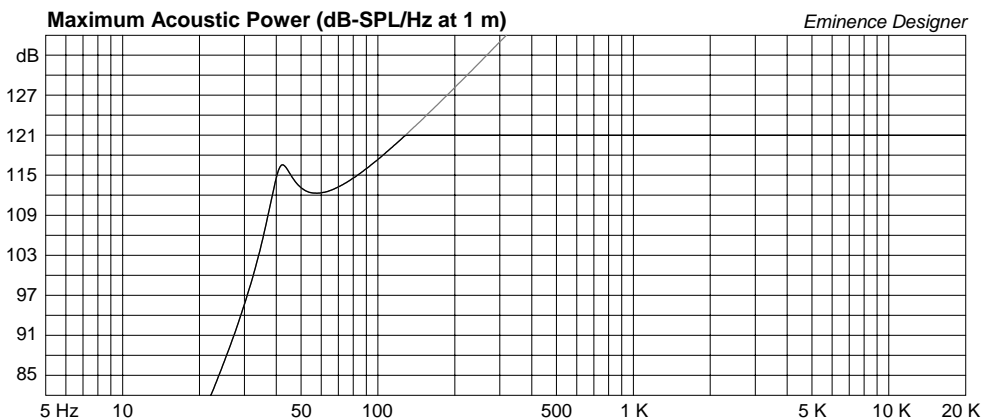
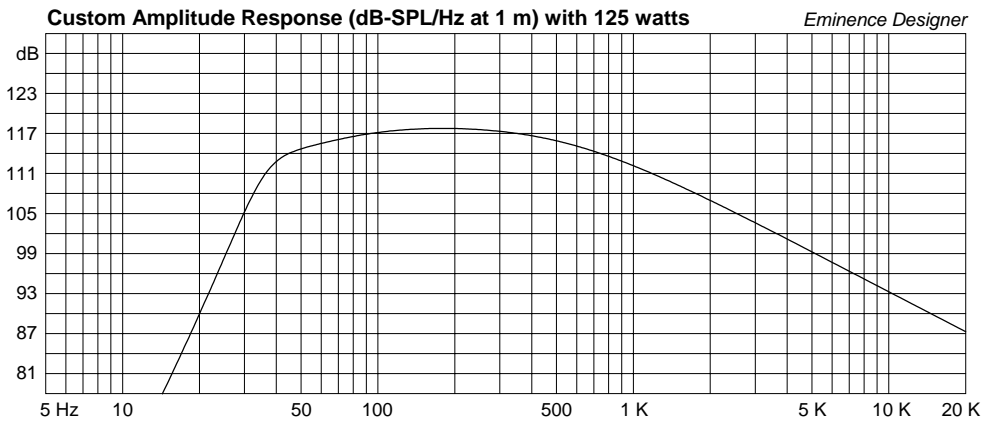
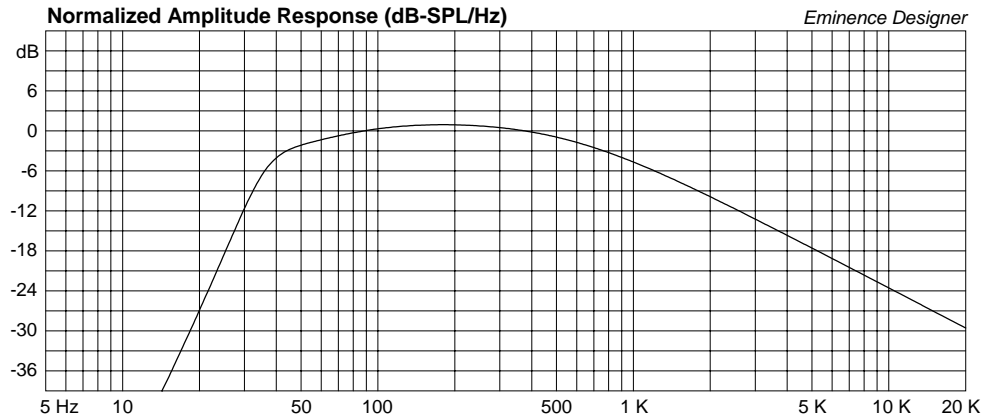
Qes = 0.51

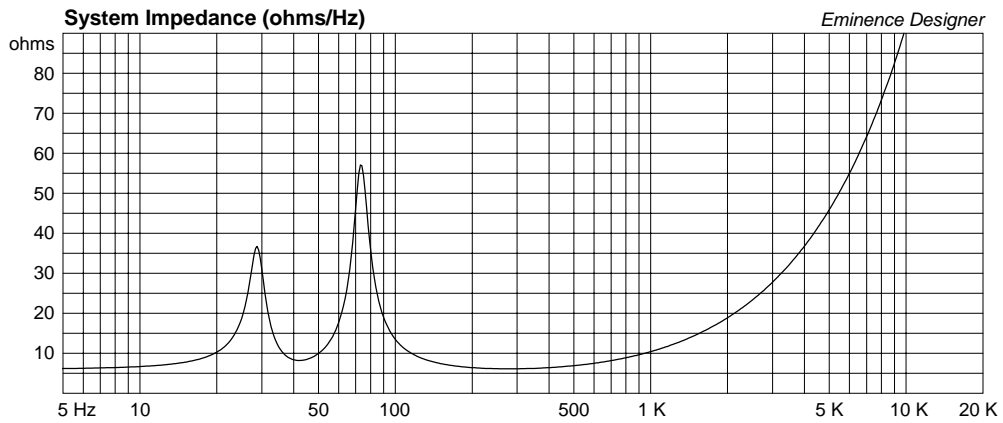
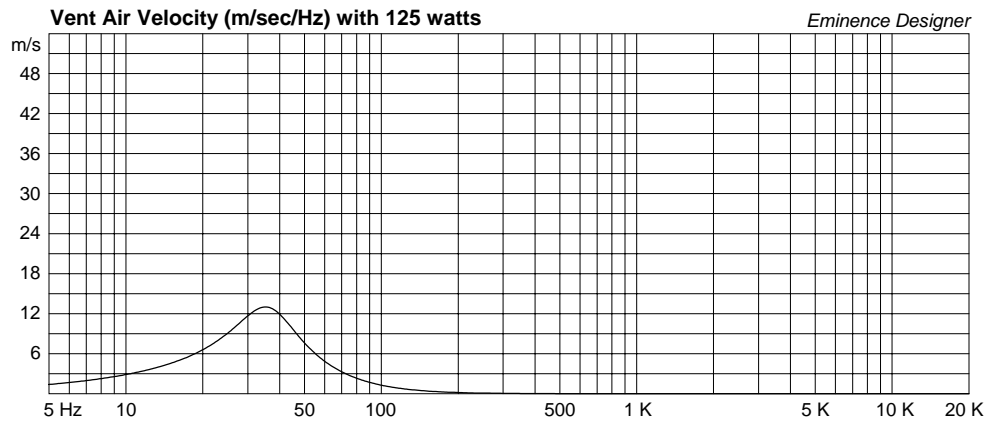
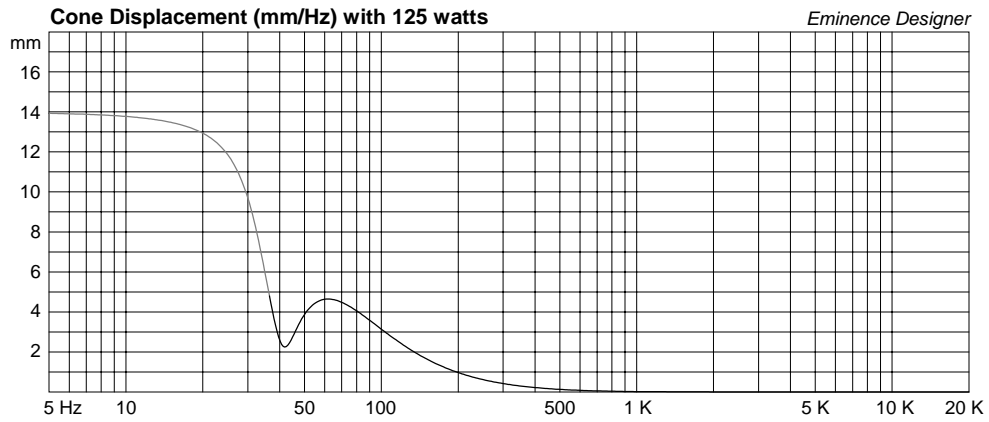
Re = 6.06 ohms

Le = 1.45 mH

Z = 8 ohms

Pe = 500 watts





Delta12LF Medium Vented Cab, Bass Guitar, or Med. Pwr Two-Way

By McJerry, Eminence Speaker LLC

Displacement Limited to 200 Watts; F3 of 48 Hz. Use a steep high pass set to 40 Hz to protect driver from overexcursion. For Bass Guitar or Great two-way box.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 2.5 cu.ft

V(total) = 2.733 cu.ft

Fb = 50 Hz

QL = 7

F3 = 48.33 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 6.515 in

Driver Properties

--Description--

Name: Delta-12LF

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Updated NOV 2005

Piston: Paper cone.

Suspension: M-roll 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 = 51 Hz

Qms = 7.28

Vas = 67.88 liters

Xmax = 4.8 mm

Sd = 506.7 sq.cm

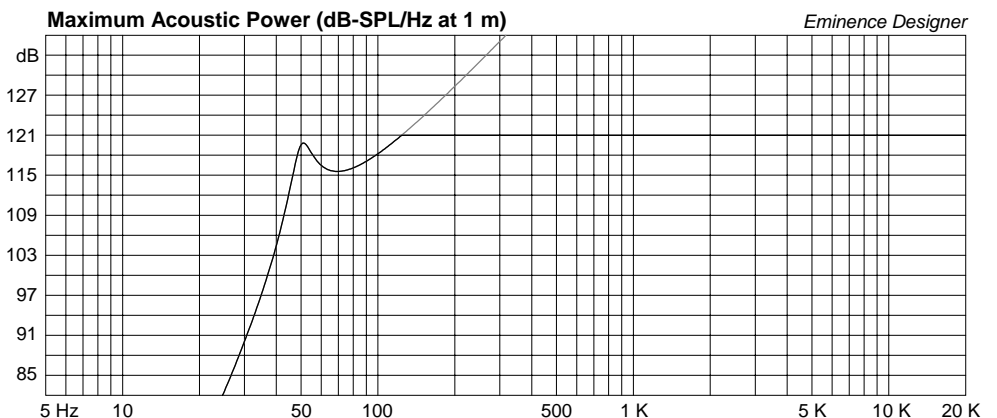
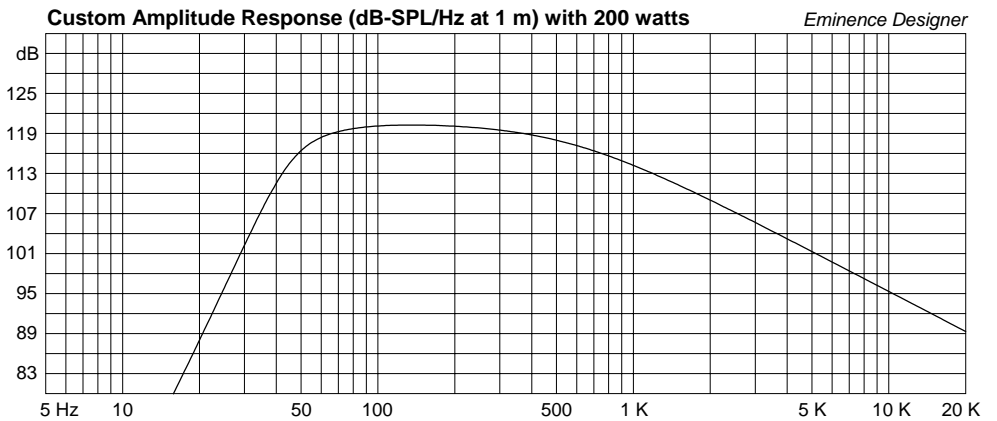
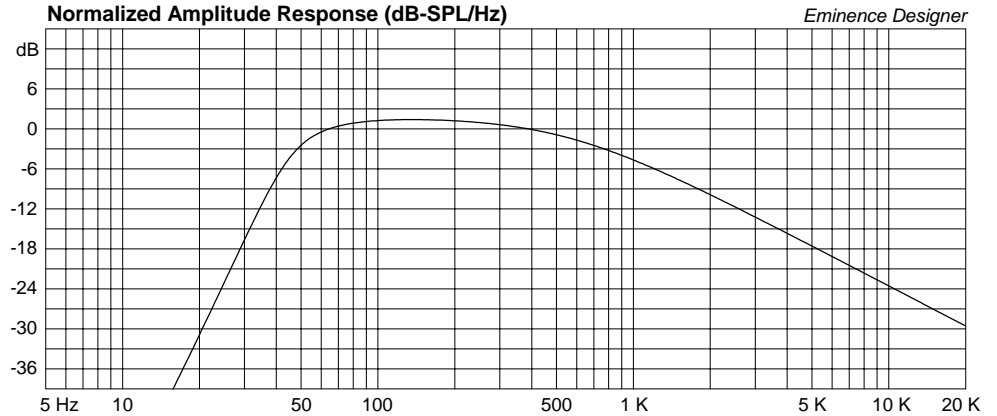
Qes = 0.51

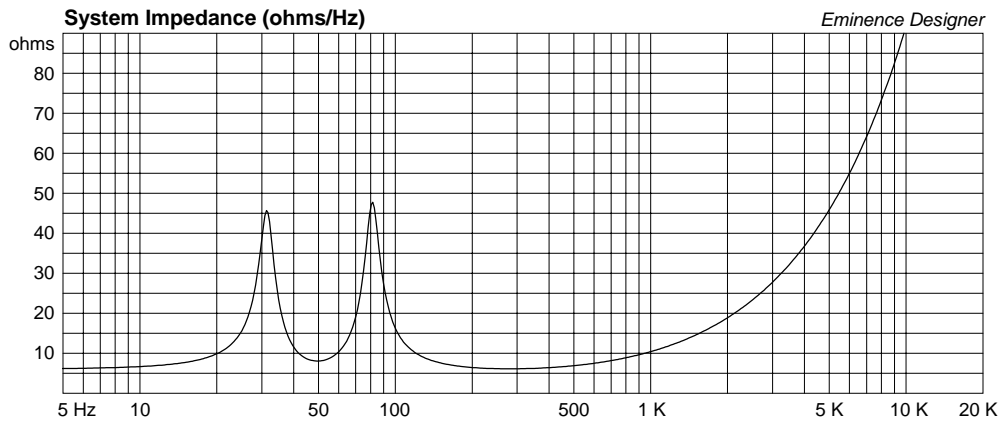
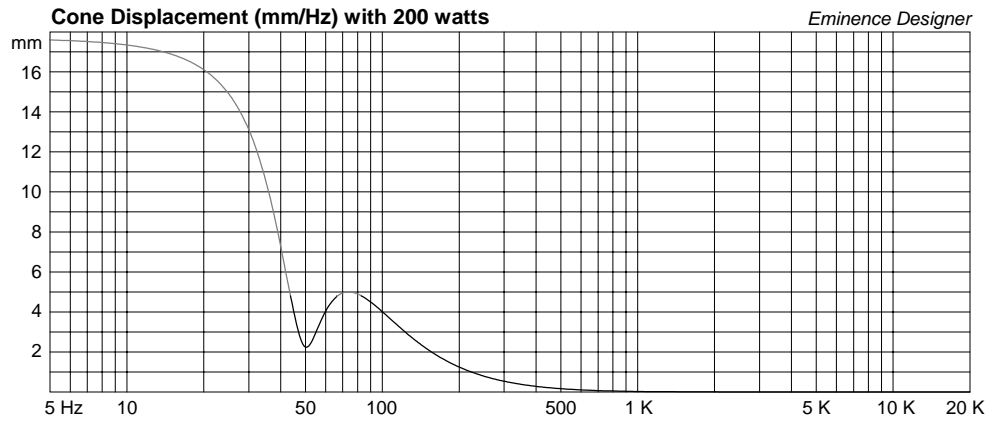
Re = 6.06 ohms

Le = 1.45 mH

Z = 8 ohms

Pe = 500 watts





Delta12LF Small Sealed Cabinet, High Power Sat, or Floor Mon.

By McJerry, Eminence Speaker LLC

Limited to 400 Watts; use a steep high pass filter set to 150 Hz or higher.

Great for a mid/high sat or a floor wedge.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.66 cu.ft

V(total) = 0.786 cu.ft

Qtc = 0.763

QL = 20

F3 = 97.12 Hz

Fill = heavy

Driver Properties

--Description--

Name: Delta-12LF

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Updated NOV 2005

Piston: Paper cone.

Suspension: M-roll 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 = 51 Hz

Qms = 7.28

Vas = 67.88 liters

Xmax = 4.8 mm

Sd = 506.7 sq.cm

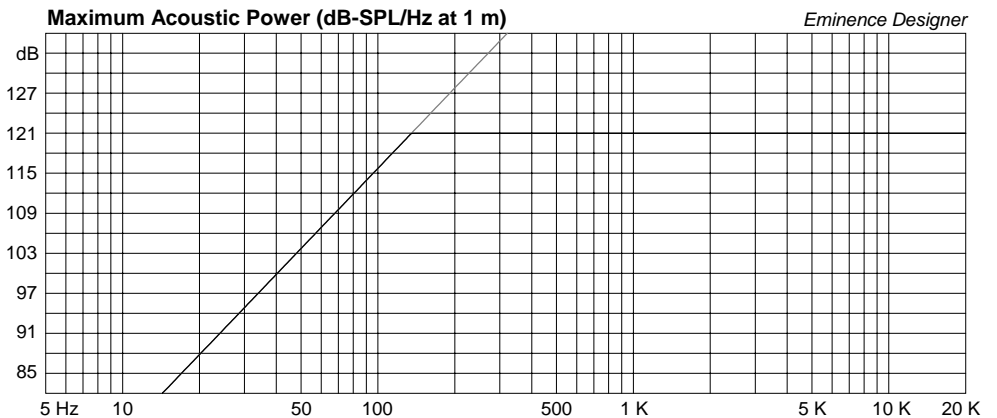
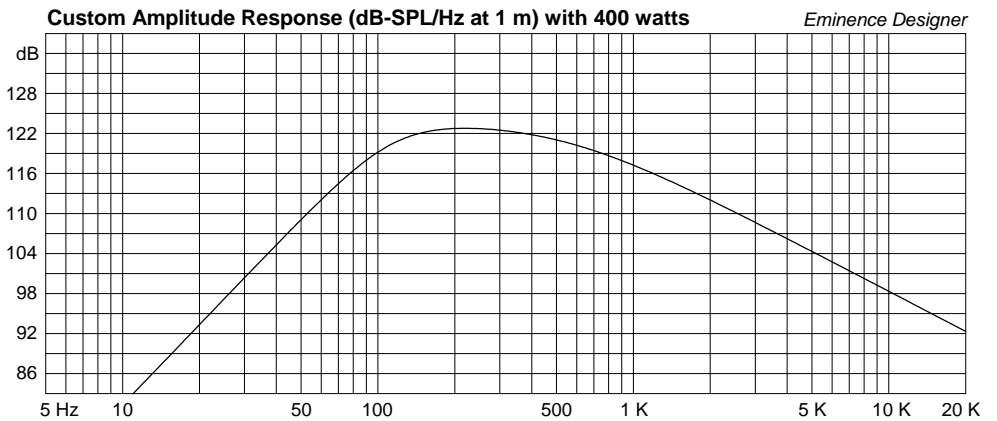
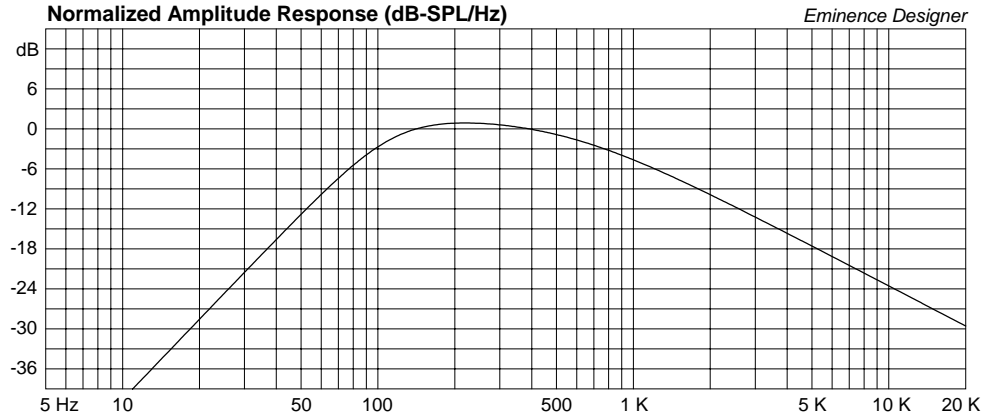
Qes = 0.51

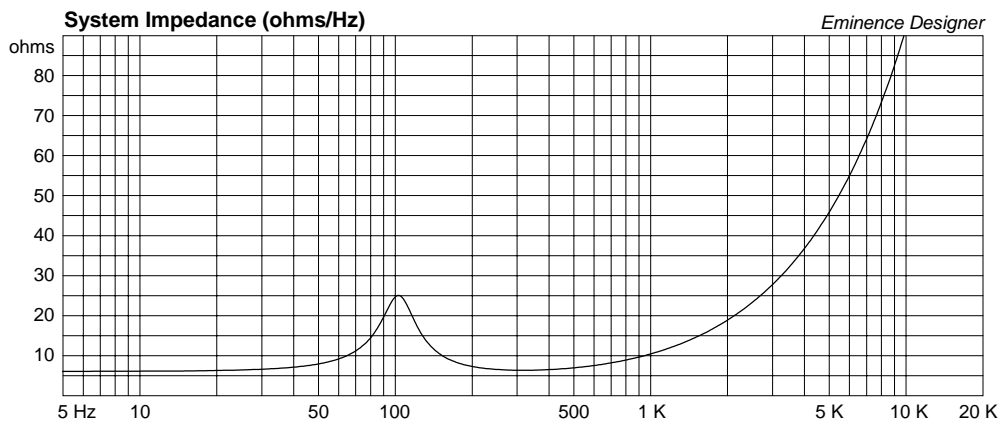
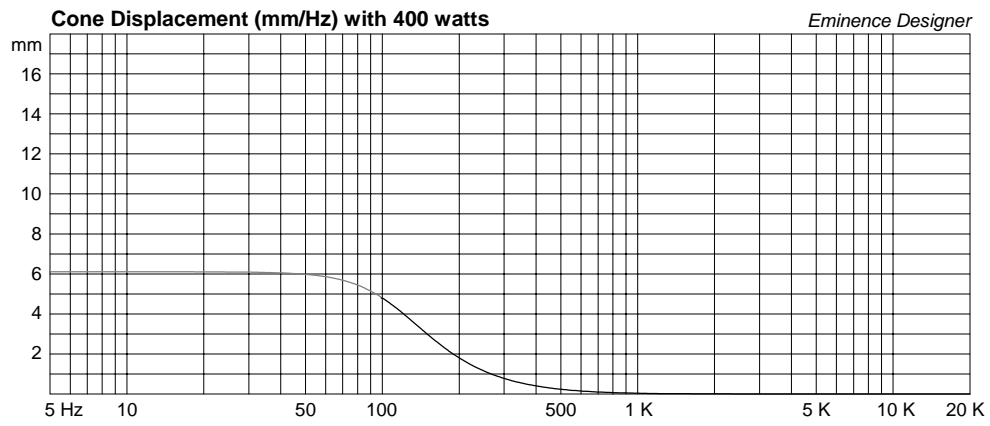
Re = 6.06 ohms

Le = 1.45 mH

Z = 8 ohms

Pe = 500 watts





Delta12LF Small Vented Cab, High Power Sat, or Floor Wedge

By McJerry, Eminence Speaker LLC

500 Watt Thermal limit; use a steep high pass filter set to 100 Hz or higher.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 0.814 cu.ft

V(total) = 0.989 cu.ft

Fb = 75 Hz

QL = 7

F3 = 78.39 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 5.083 in

Driver Properties

--Description--

Name: Delta-12LF

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Updated NOV 2005

Piston: Paper cone.

Suspension: M-roll 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 = 51 Hz

Qms = 7.28

Vas = 67.88 liters

Xmax = 4.8 mm

Sd = 506.7 sq.cm

Qes = 0.51

Re = 6.06 ohms

Le = 1.45 mH

Z = 8 ohms

Pe = 500 watts

