

# Delta12B Large Vented Cabinet

By McJerry, Eminence Speaker LLC

Displacement Limited to 60 Watts; F3 of 65 Hz. Use a high pass filter set to 50 Hz. Ok for Low Pwr FR PA.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.2 cu.ft

V(total) = 2.361 cu.ft

Fb = 57.32 Hz

QL = 7

F3 = 64.53 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 4.99 in

## Driver Properties

--Description--

Name: Delta-12 (16 ohm)

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: 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 = 58 Hz

Qms = 7.04

Vas = 87 liters

Xmax = 2.7 mm

Sd = 519.5 sq.cm

Qes = 0.52

Re = 11.4 ohms

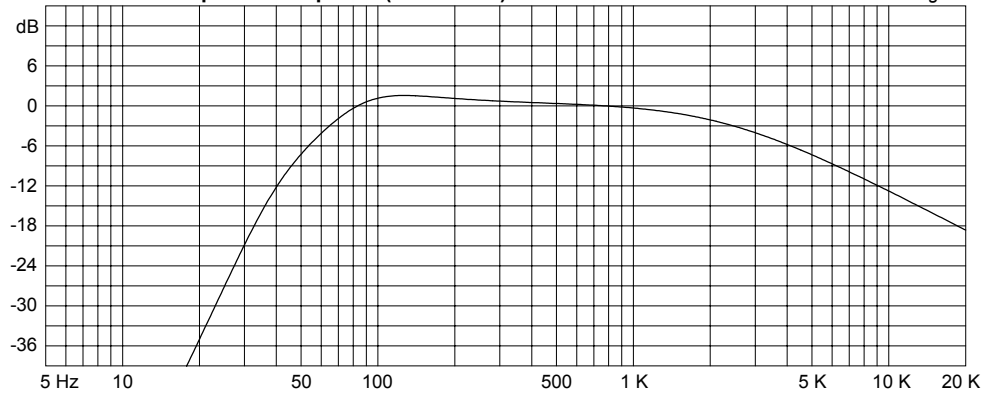
Le = 0.77 mH

Z = 16 ohms

Pe = 400 watts

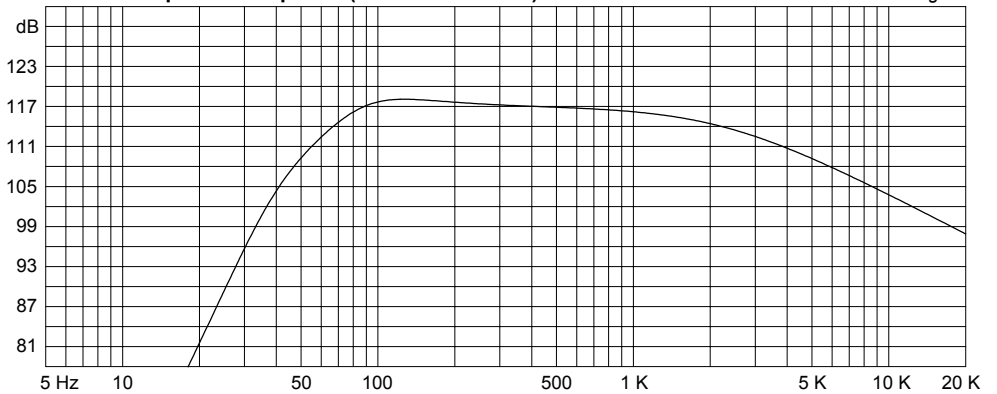
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



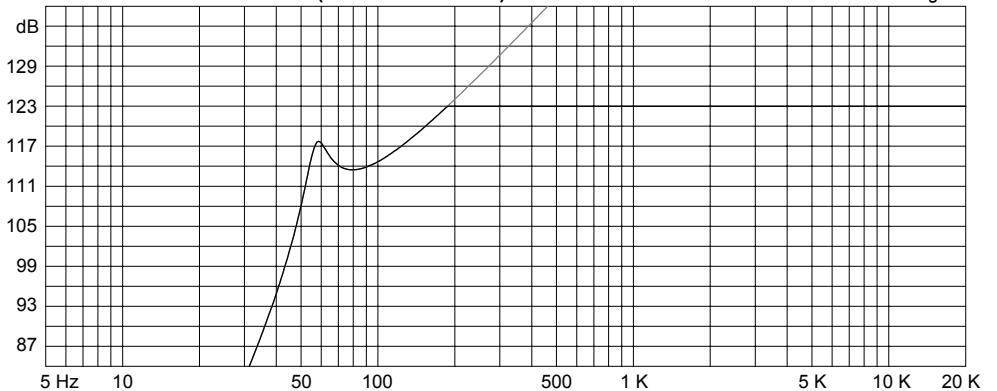
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 60 watts

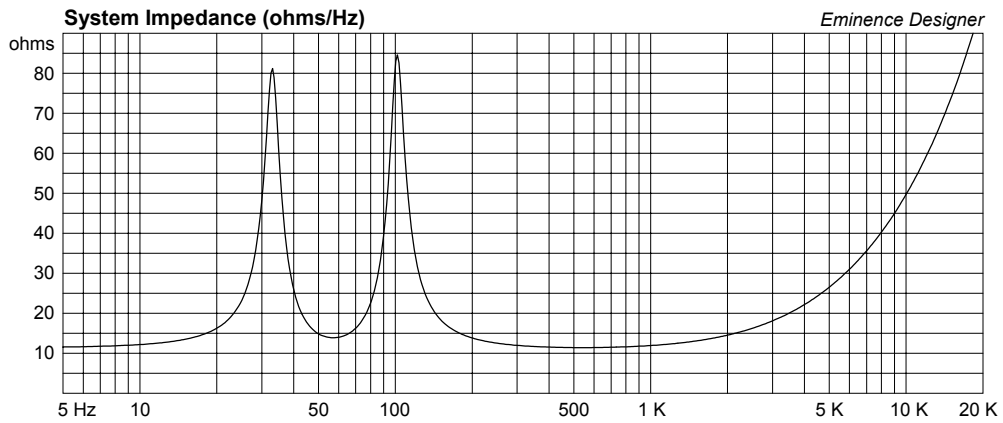
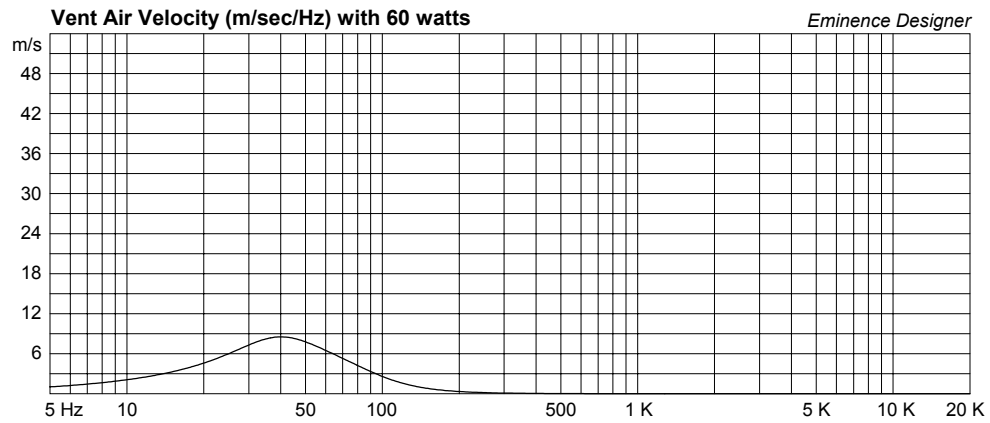
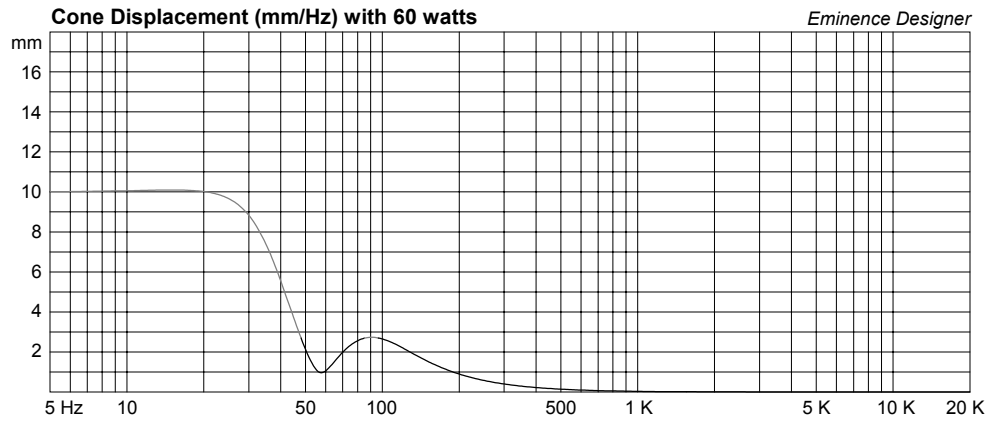
Eminence Designer



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

Eminence Designer





# Delta12B Med Vented Cabinet

By McJerry, Eminence Speaker LLC

Displacement Limited to 100 Watts; F3 of 75 Hz. Use a steep High Pass filter set to 50 Hz. Ok for Low Pwr FR, PA use if high passed at 50 Hz.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.5 cu.ft

V(total) = 1.684 cu.ft

Fb = 65 Hz

QL = 7

F3 = 75.18 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 6.359 in

## Driver Properties

--Description--

Name: Delta-12 (16 ohm)

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: 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 = 58 Hz

Qms = 7.04

Vas = 87 liters

Xmax = 2.7 mm

Sd = 519.5 sq.cm

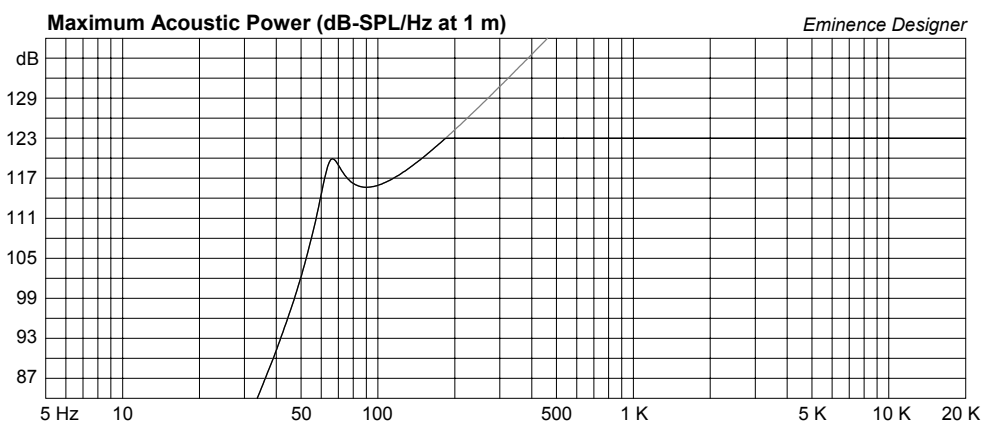
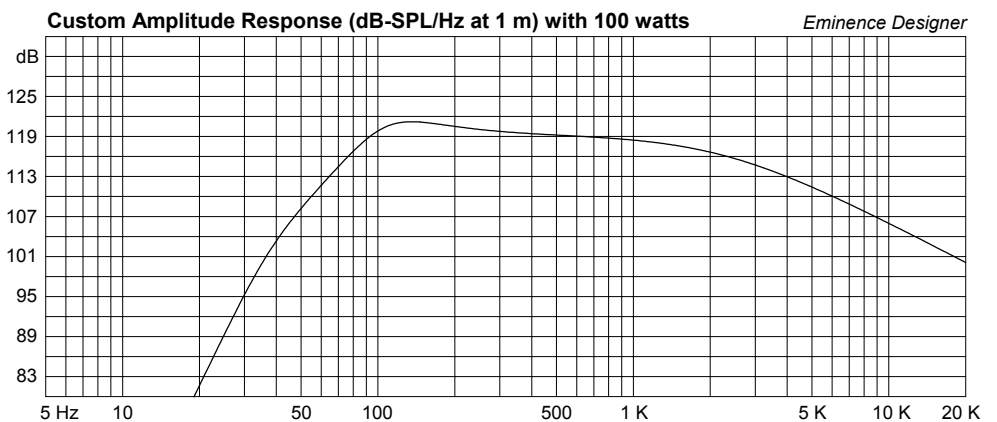
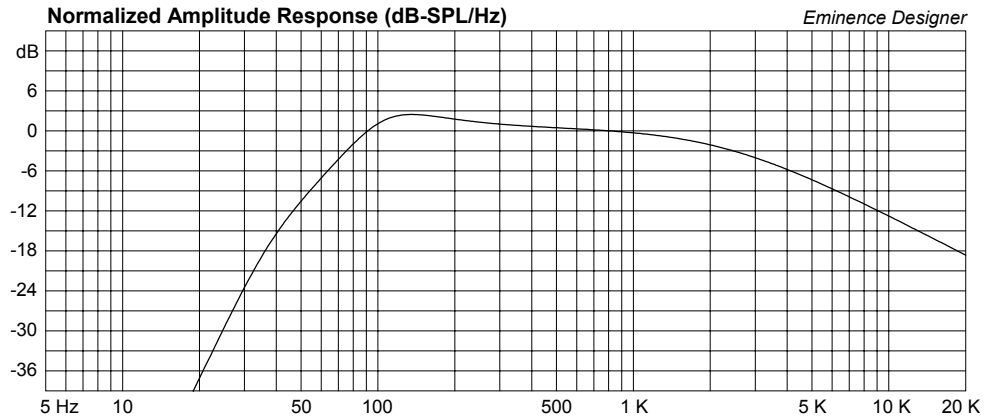
Qes = 0.52

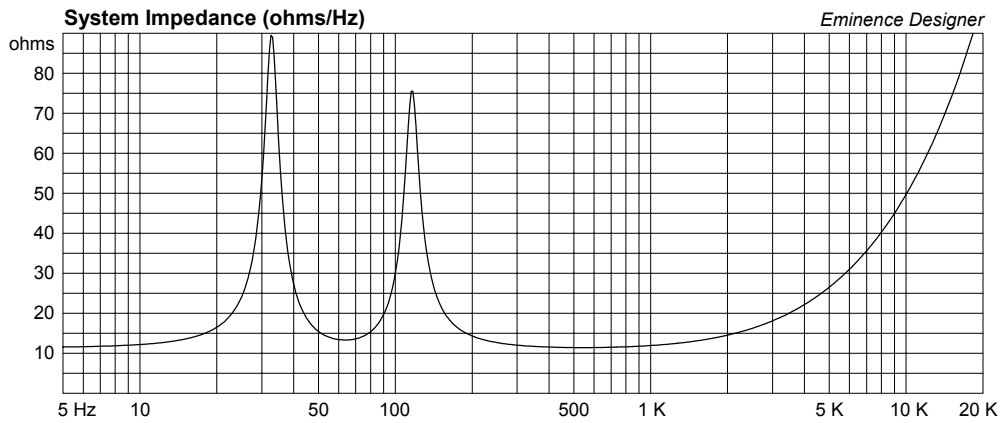
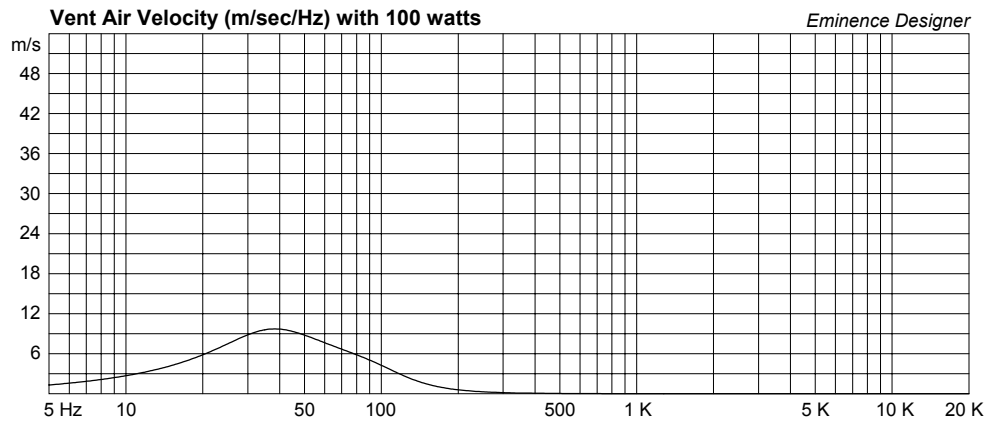
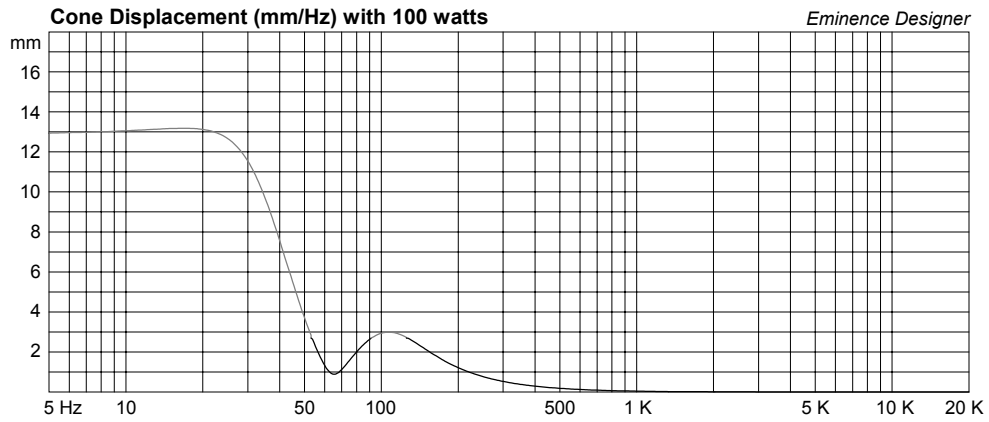
Re = 11.4 ohms

Le = 0.77 mH

Z = 16 ohms

Pe = 400 watts





# Delta12B Small Sealed Midrange Cabinet

By McJerry, Eminence Speaker LLC

Limited to 300 Watts. Not for FR use. Use only above 200 Hz; use a steep high pass filter set to 200 Hz.

## Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 0.486 cu.ft

V(total) = 0.566 cu.ft

Qtc = 0.924

QL = 20

F3 = 120.2 Hz

Fill = heavy

## Driver Properties

--Description--

Name: Delta-12 (16 ohm)

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: 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 = 58 Hz

Qms = 7.04

Vas = 87 liters

Xmax = 2.7 mm

Sd = 519.5 sq.cm

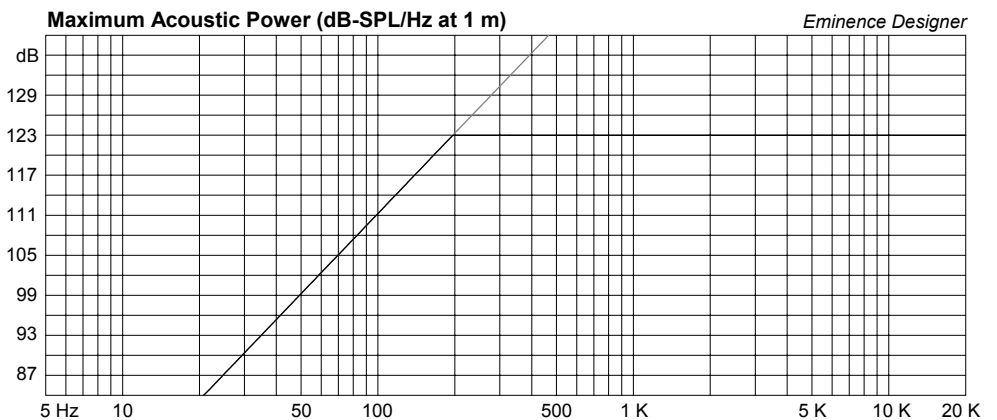
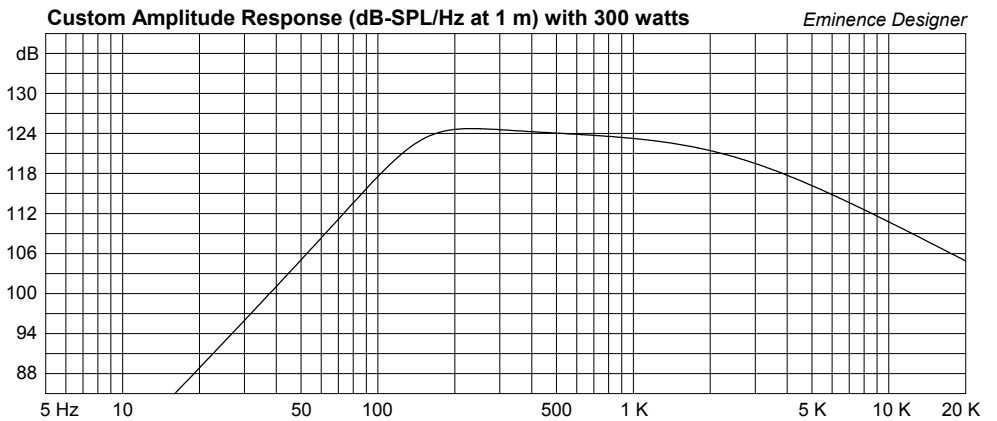
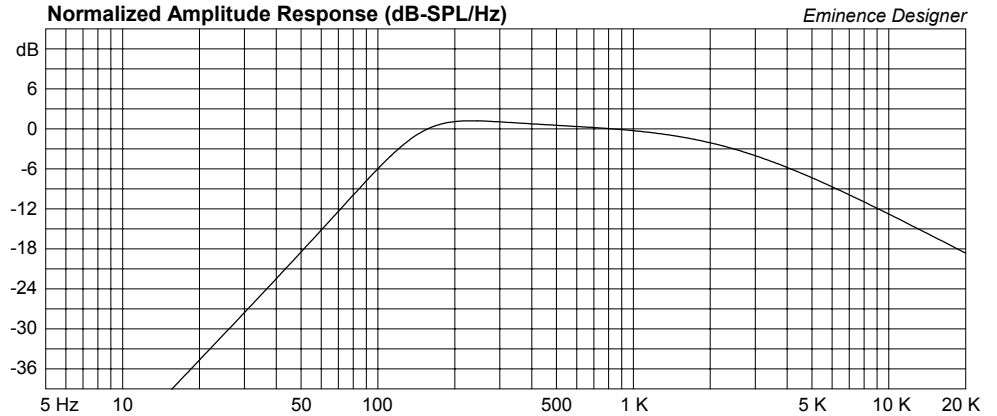
Qes = 0.52

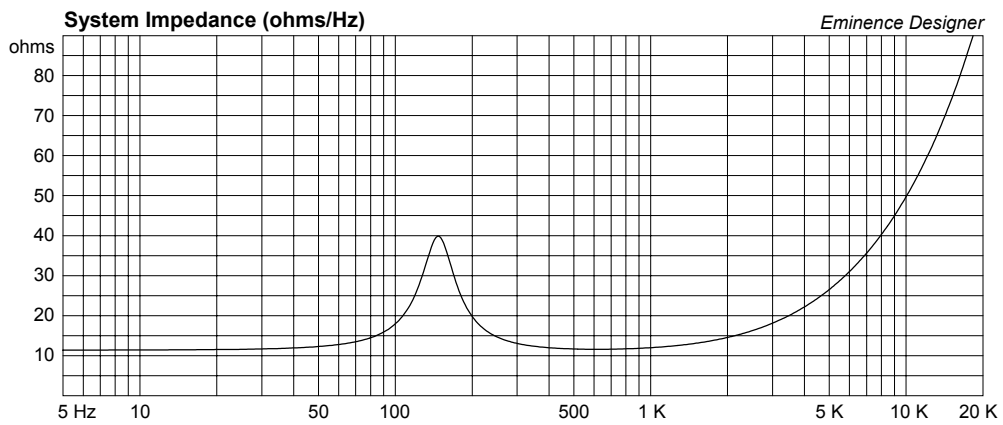
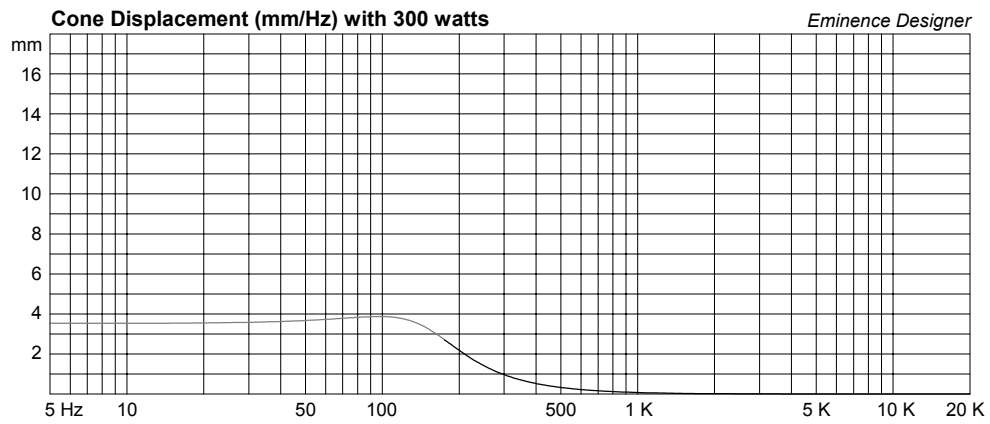
Re = 11.4 ohms

Le = 0.77 mH

Z = 16 ohms

Pe = 400 watts





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V(total) = 0.566 cu.ft

Qtc = 0.924

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F3 = 120.2 Hz

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Name: Delta-12 (16 ohm)

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