

Legend CB15 Larger Vented Bass Guitar Cabinet

By McJerry, Eminence Speaker LLC

Displacement Limited to 200 Watts; F3 of 47 Hz. Use a steep High Pass filter set to 40 Hz to protect woofer.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 5.347 cu.ft

V(total) = 5.588 cu.ft

Fb = 47 Hz

QL = 7

F3 = 47.11 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 1.207 in

Driver Properties

--Description--

Name: Legend CB15

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Paper dust cap.

Frame: Cast aluminum frame.

Voice Coil: 2.5 inch (63.5 mm) copper coil.

Magnet: 80 oz magnet.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 34.2 Hz

Qms = 5.901

Vas = 336.1 liters

Xmax = 4.8 mm

Sd = 856.3 sq.cm

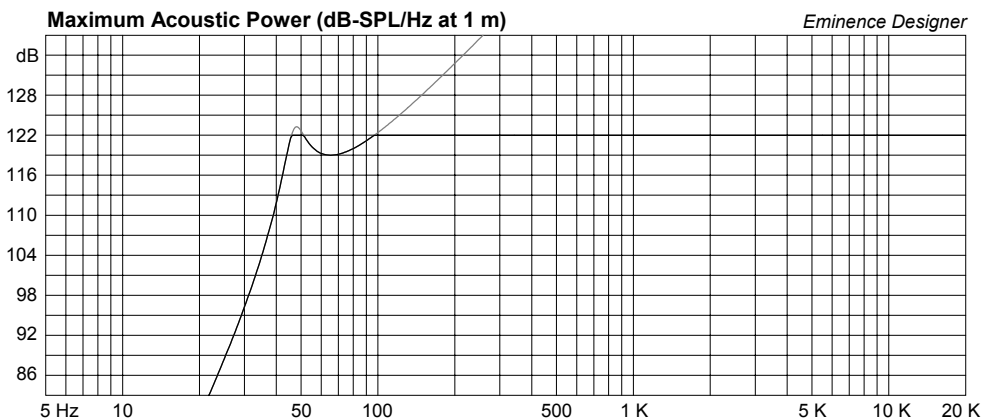
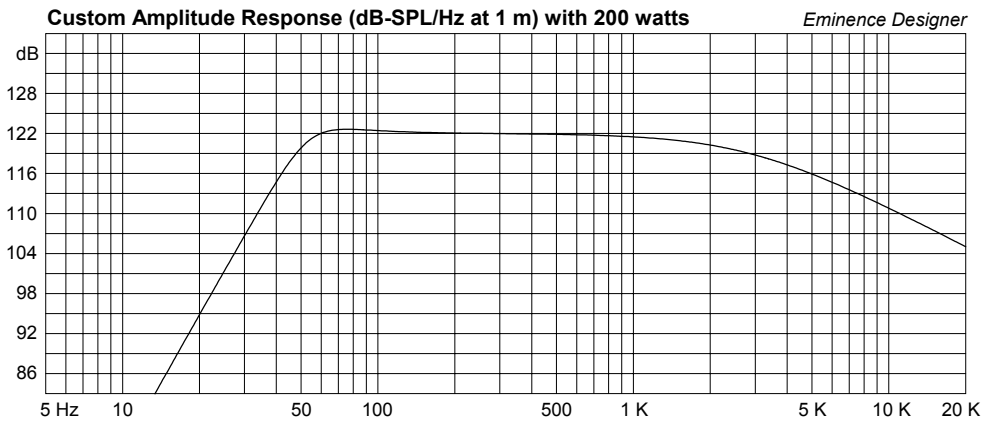
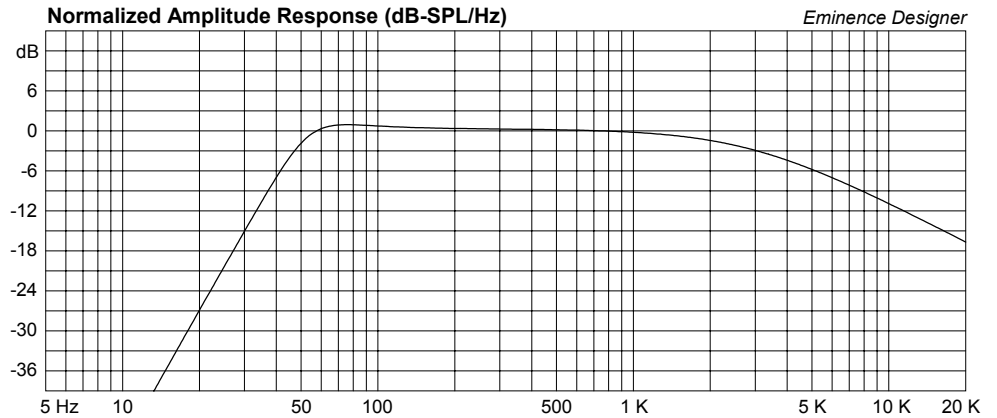
Qes = 0.359

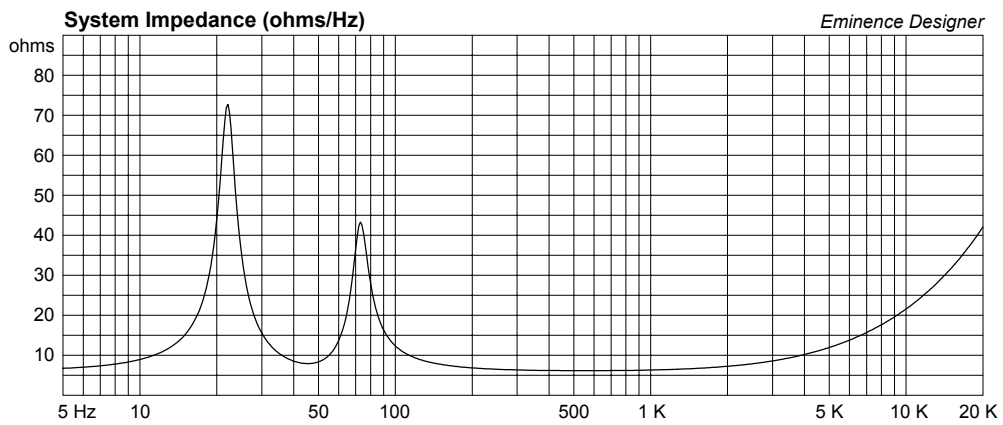
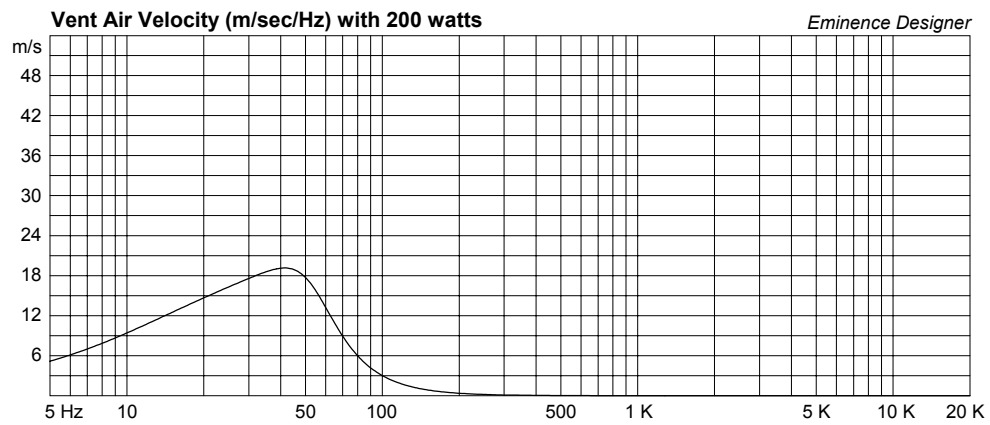
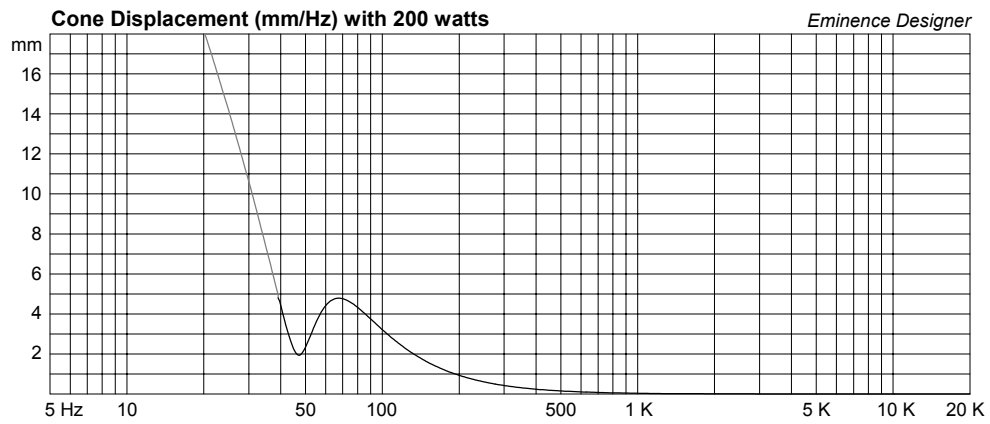
Re = 6.15 ohms

Le = 0.33 mH

Z = 8 ohms

Pe = 300 watts





Legend CB15 Medium Vented Bass Guitar Cabinet

By McJerry, Eminence Speaker LLC

Thermally Limited to 300 Watts; F3 of 61 Hz. Use a steep high pass filter set to 40 Hz to protect woofer from overexcursion.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.75 cu.ft

V(total) = 3.061 cu.ft

Fb = 50 Hz

QL = 7

F3 = 60.69 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 5.49 in

Driver Properties

--Description--

Name: Legend CB15

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Paper dust cap.

Frame: Cast aluminum frame.

Voice Coil: 2.5 inch (63.5 mm) copper coil.

Magnet: 80 oz magnet.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 34.2 Hz

Qms = 5.901

Vas = 336.1 liters

Xmax = 4.8 mm

Sd = 856.3 sq.cm

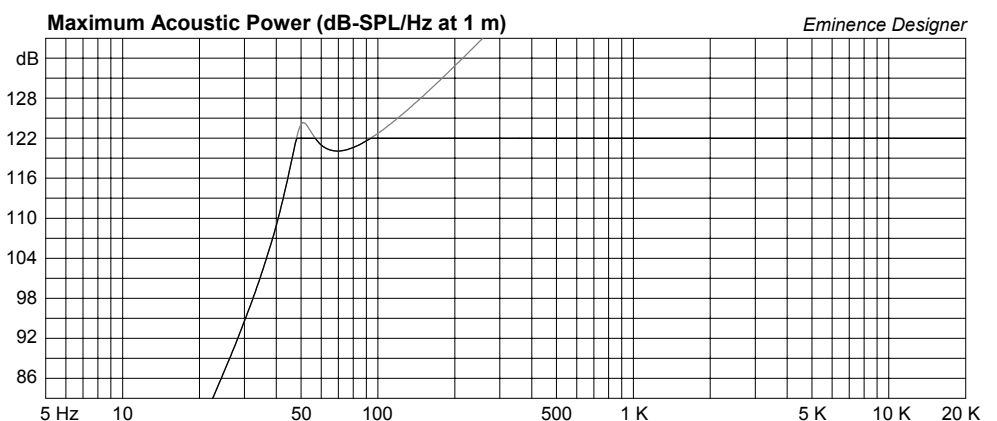
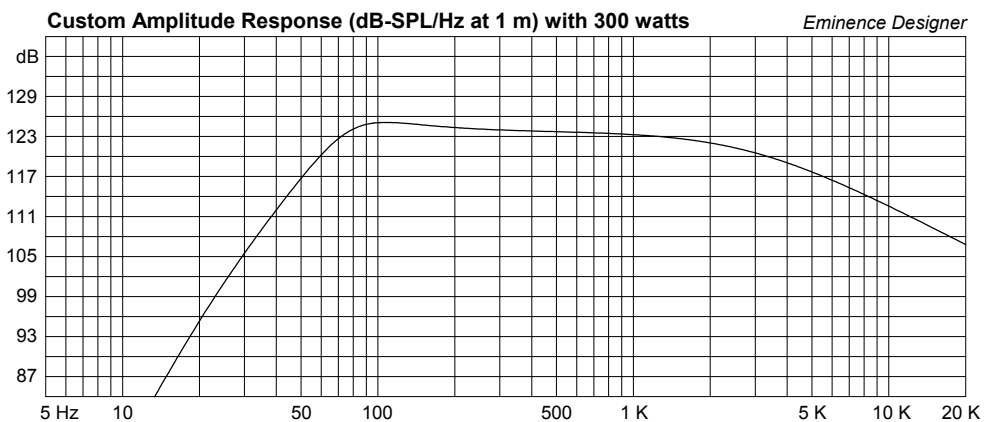
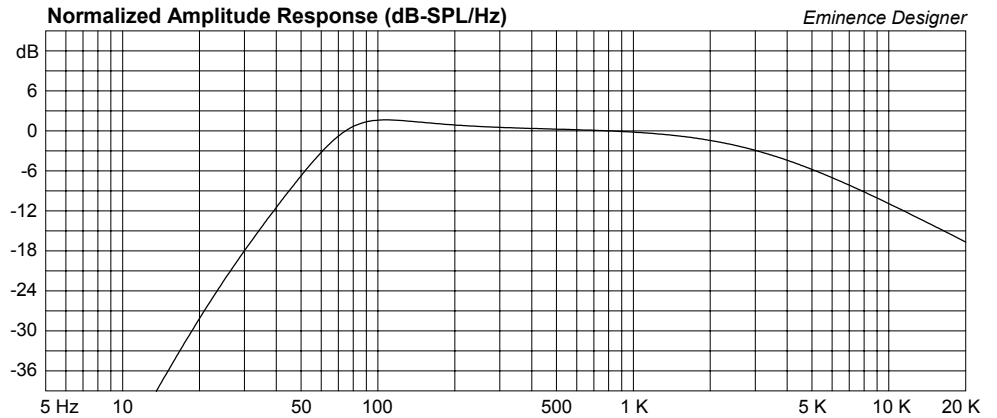
Qes = 0.359

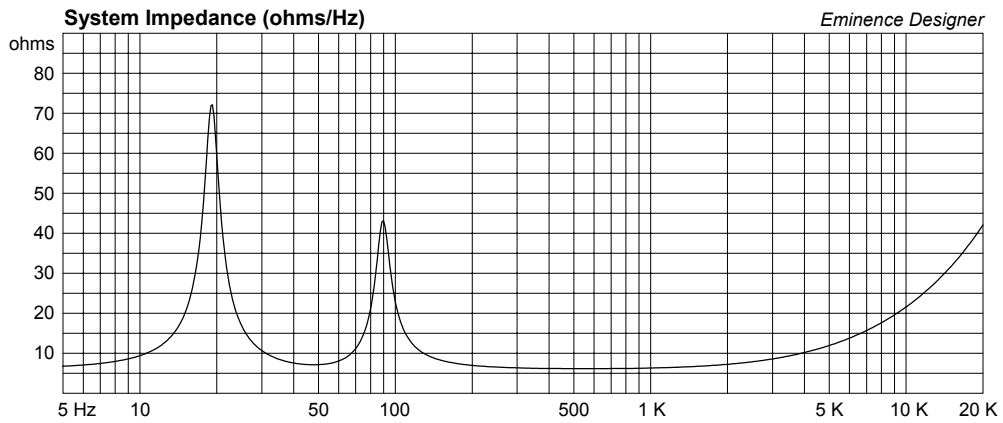
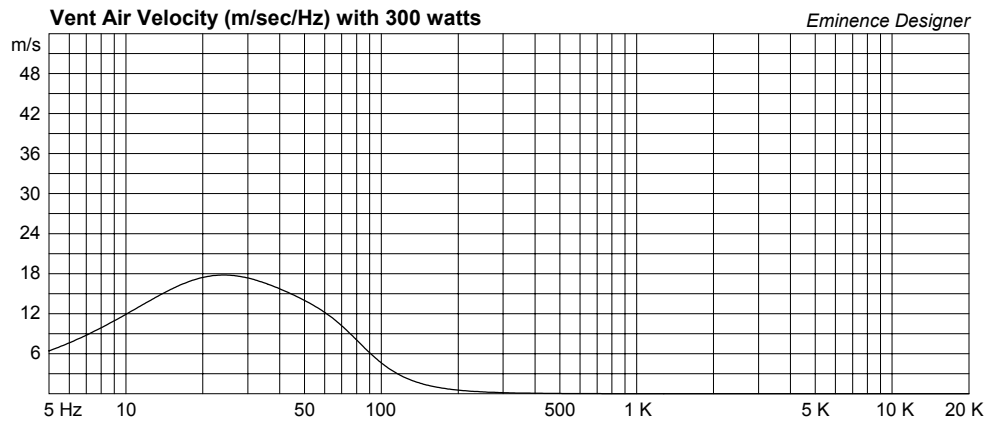
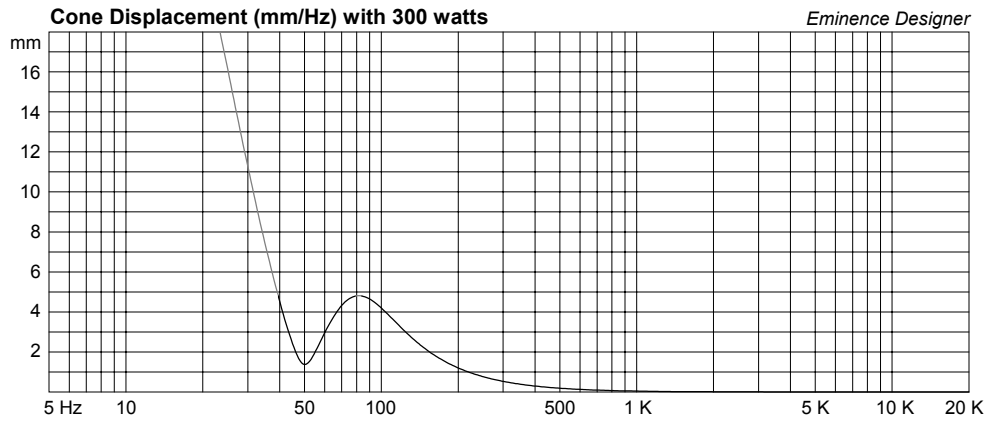
Re = 6.15 ohms

Le = 0.33 mH

Z = 8 ohms

Pe = 300 watts





Legend CB15 Small Sealed Bass Guitar Cabinet

By McJerry, Eminence Speaker LLC

Limited to 200 Watts; F3 of 87 Hz with a slow roll off. Tight and Punchy, very clean and non-boomy.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 1.7 cu.ft

V(total) = 1.921 cu.ft

Qtc = 0.721

QL = 18.28

F3 = 87.73 Hz

Fill = heavy

Driver Properties

--Description--

Name: Legend CB15

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Paper dust cap.

Frame: Cast aluminum frame.

Voice Coil: 2.5 inch (63.5 mm) copper coil.

Magnet: 80 oz magnet.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 34.2 Hz

Qms = 5.901

Vas = 336.1 liters

Xmax = 4.8 mm

Sd = 856.3 sq.cm

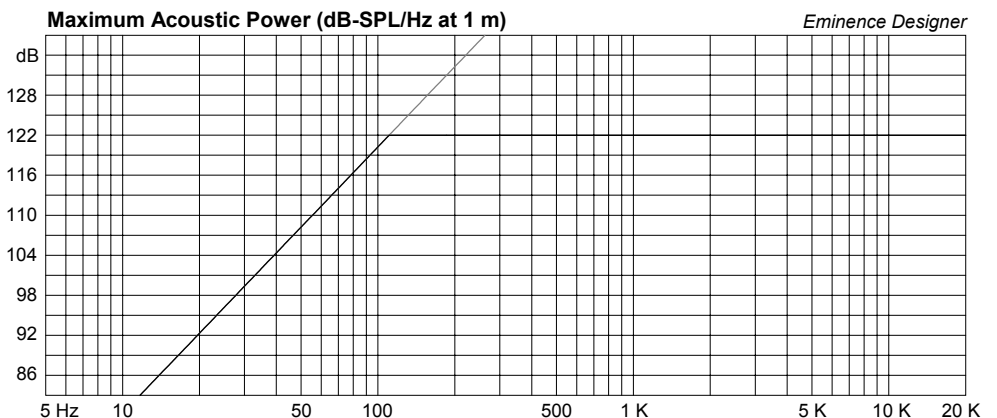
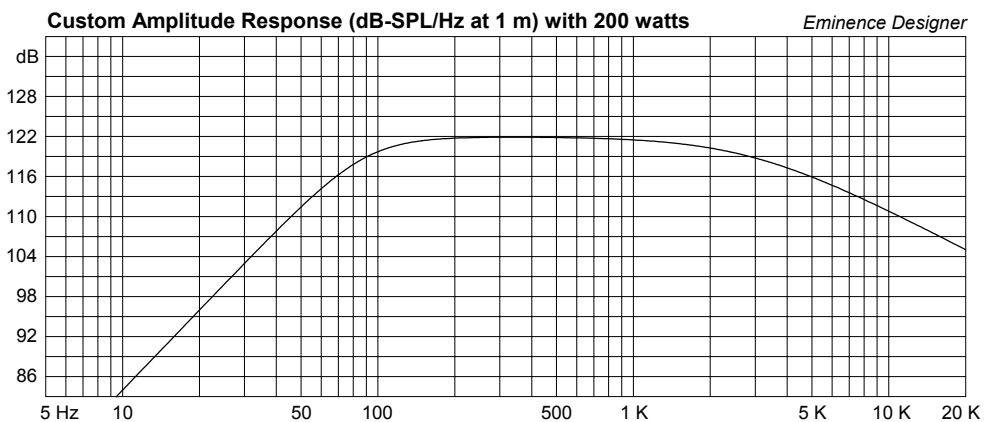
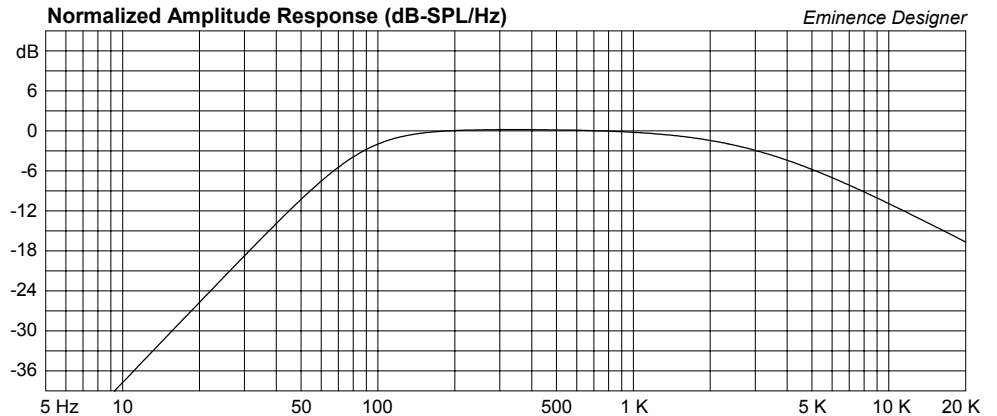
Qes = 0.359

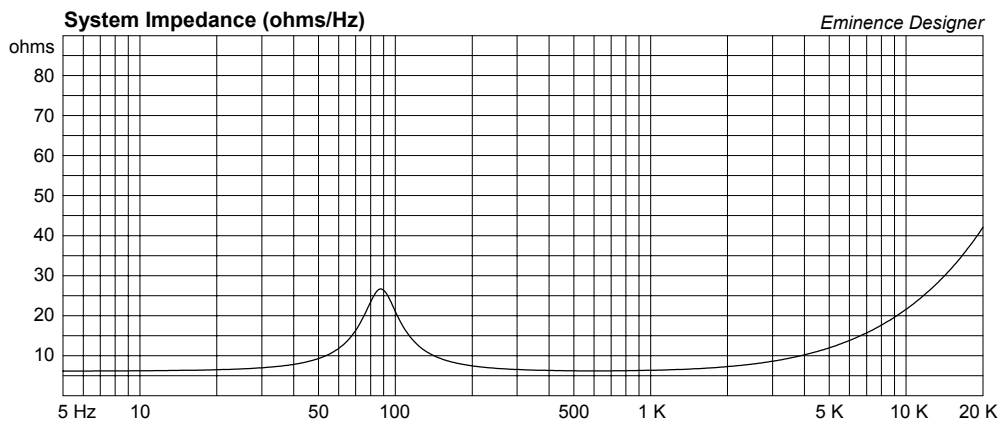
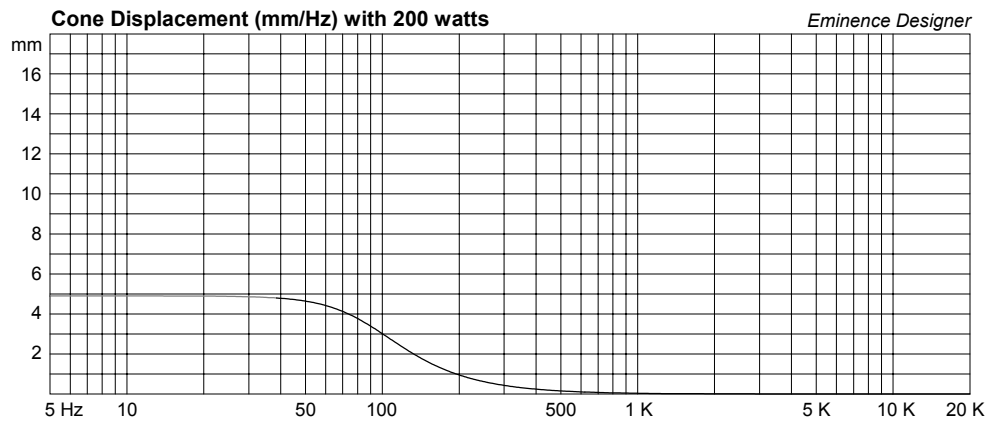
Re = 6.15 ohms

Le = 0.33 mH

Z = 8 ohms

Pe = 300 watts





Legend CB15 Small Vented Bass Guitar Cabinet

By McJerry, Eminence Speaker LLC

Thermally Limited to 300 Watts; F3 of 72 Hz. Use a High Pass filter set to 40 Hz to protect woofer from overexcursion.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.769 cu.ft

V(total) = 2.038 cu.ft

Fb = 51 Hz

QL = 7

F3 = 72.14 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 5.048 in

Driver Properties

--Description--

Name: Legend CB15

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Revised NOV 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Paper dust cap.

Frame: Cast aluminum frame.

Voice Coil: 2.5 inch (63.5 mm) copper coil.

Magnet: 80 oz magnet.

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 34.2 Hz

Qms = 5.901

Vas = 336.1 liters

Xmax = 4.8 mm

Sd = 856.3 sq.cm

Qes = 0.359

Re = 6.15 ohms

Le = 0.33 mH

Z = 8 ohms

Pe = 300 watts

