

# Legend B102 Larger Vented Bass Guitar Cabinet

By McJerry, Eminence Speaker LLC

Displacement Limited to 35 Watts; F3 of 44 Hz. Use a high pass set to 35 Hz.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.835 cu.ft

V(total) = 2.923 cu.ft

Fb = 45 Hz

QL = 7

F3 = 43.52 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 2.136 in

## Driver Properties

--Description--

Name: Legend B102

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 w/whizzer

Frame: Diecast aluminum basket.

Voice Coil: 2 inch coated aluminum.

Magnet: 59 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 47.5 Hz

Qms = 5.31

Vas = 65.03 liters

Xmax = 3 mm

Sd = 344.9 sq.cm

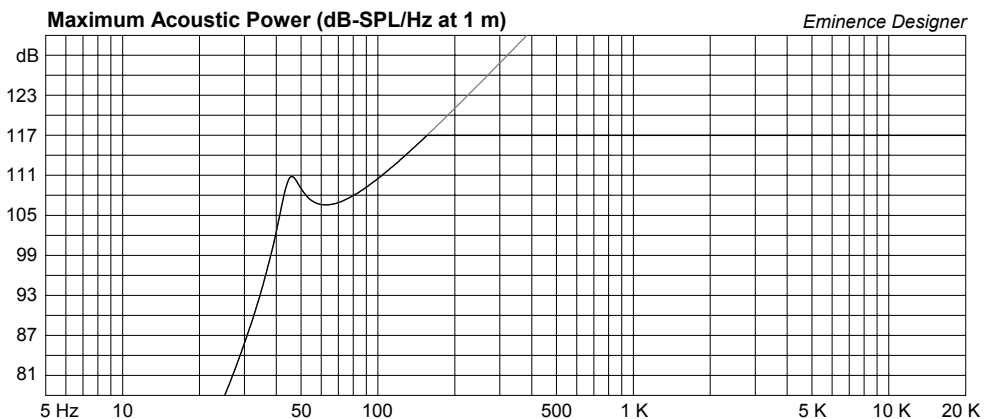
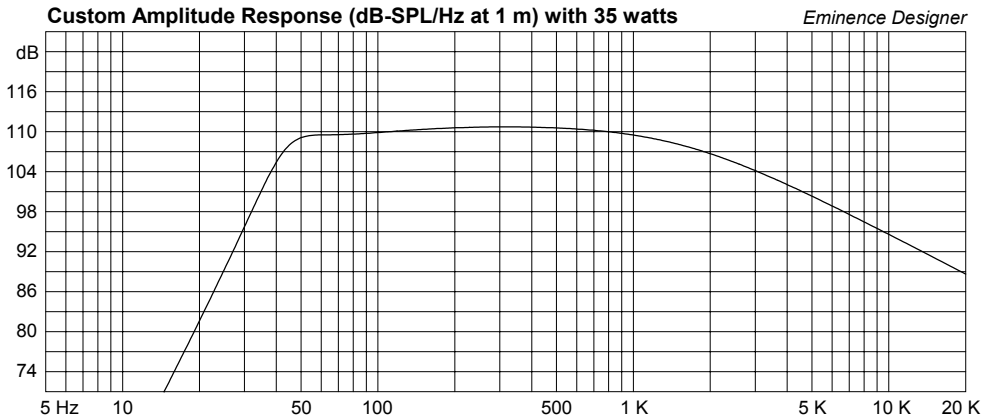
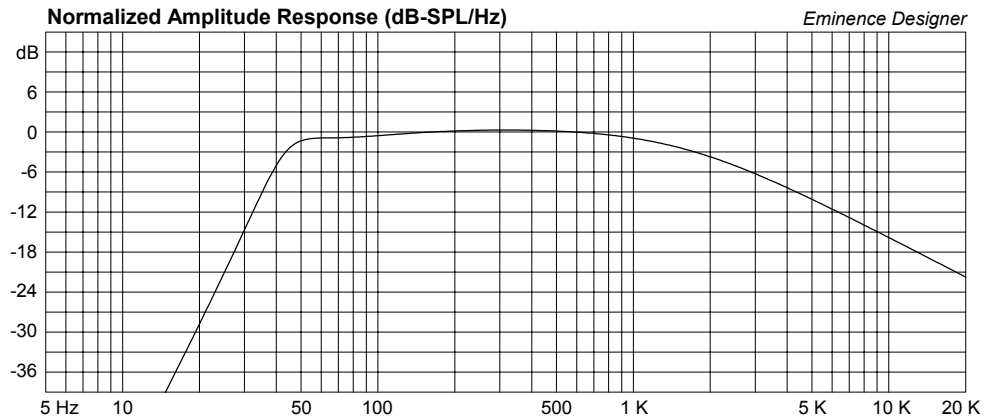
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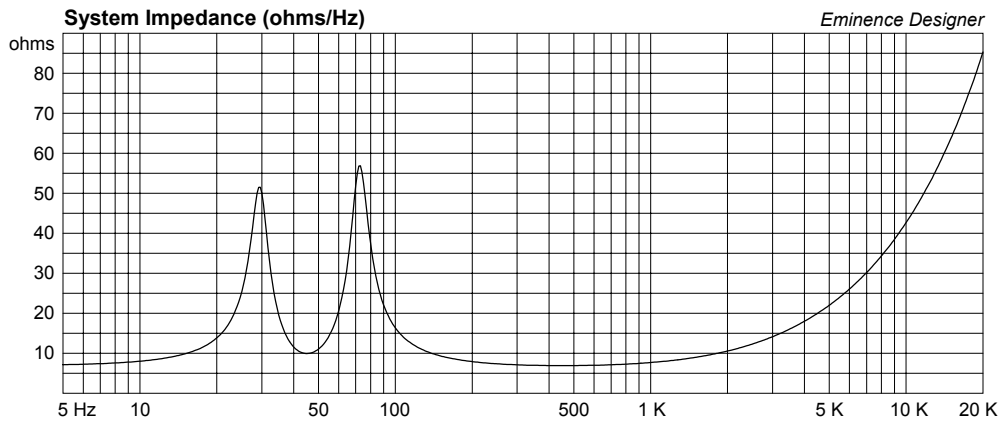
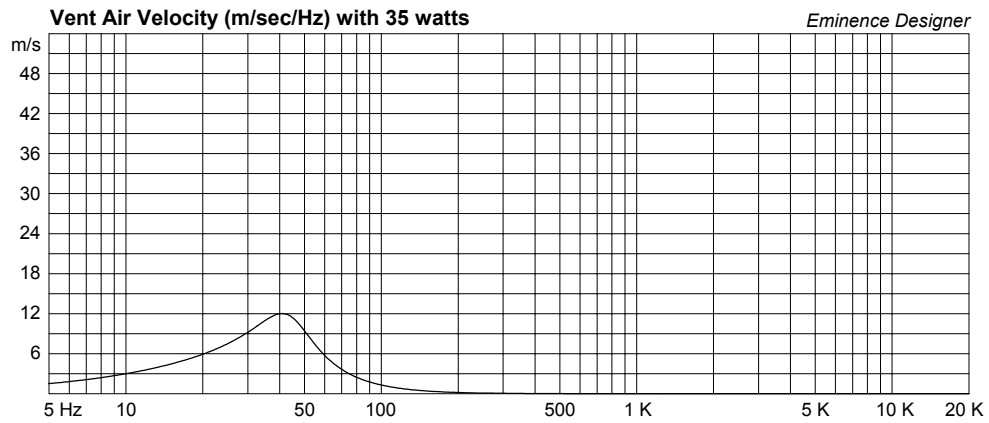
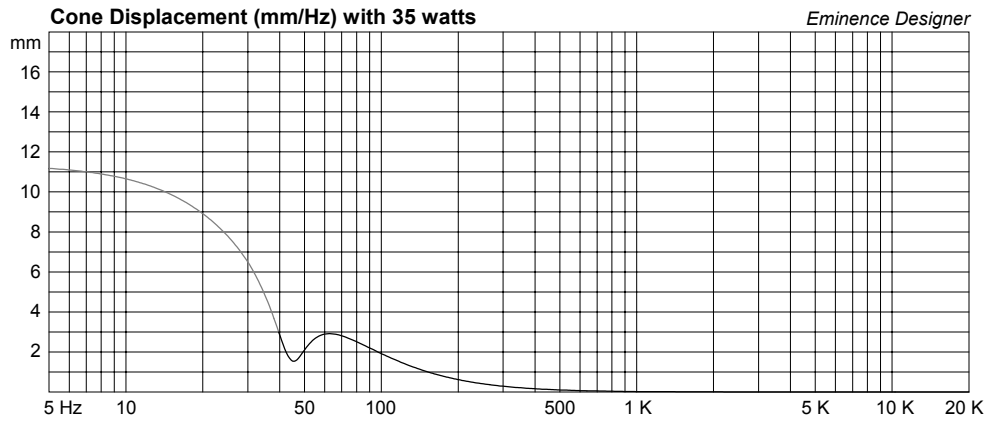
Re = 6.89 ohms

Le = 0.67 mH

Z = 8 ohms

Pe = 200 watts





# Legend B102 Med Vented Bass Guitar Cabinet

By McJerry, Eminence Speaker LLC

Displacement Limited to 50 Watts; F3 54 Hz. Use a steep high pass filter set to 40 Hz.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.675 cu.ft

V(total) = 1.756 cu.ft

Fb = 48 Hz

QL = 7

F3 = 54.24 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 2.135 in

## Driver Properties

--Description--

Name: Legend B102

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 w/whizzer

Frame: Diecast aluminum basket.

Voice Coil: 2 inch aluminum.

Magnet: 59 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 47.5 Hz

Qms = 5.31

Vas = 65.03 liters

Xmax = 3 mm

Sd = 344.9 sq.cm

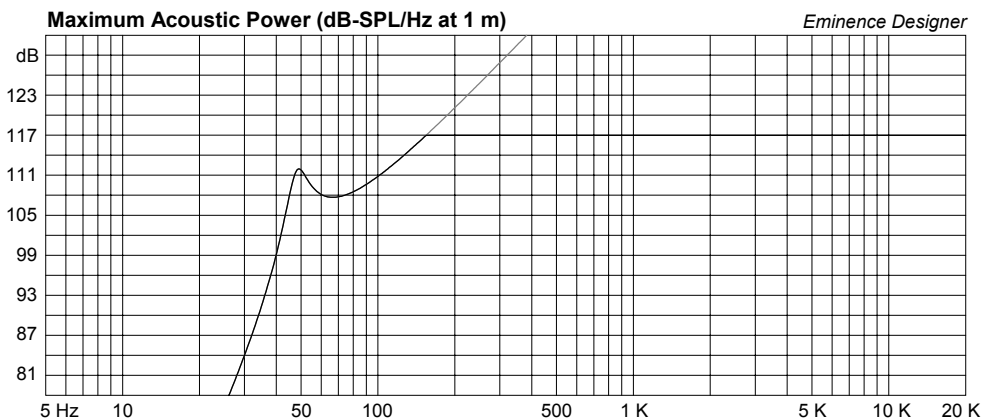
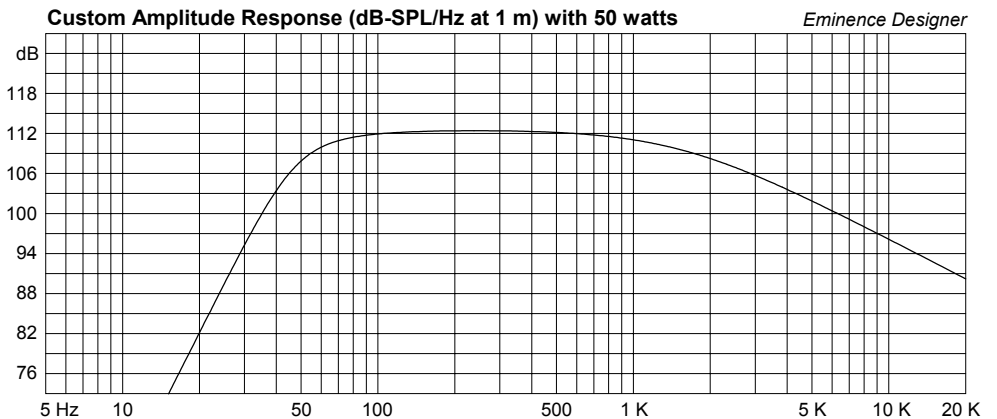
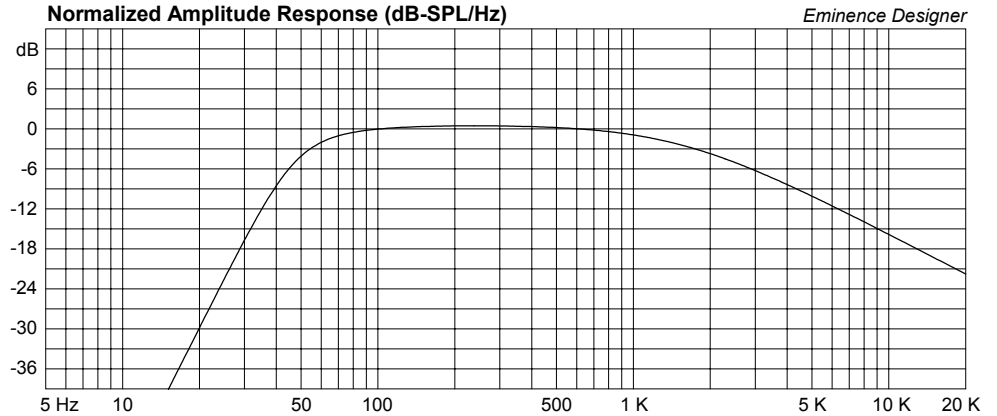
Qes = 0.42

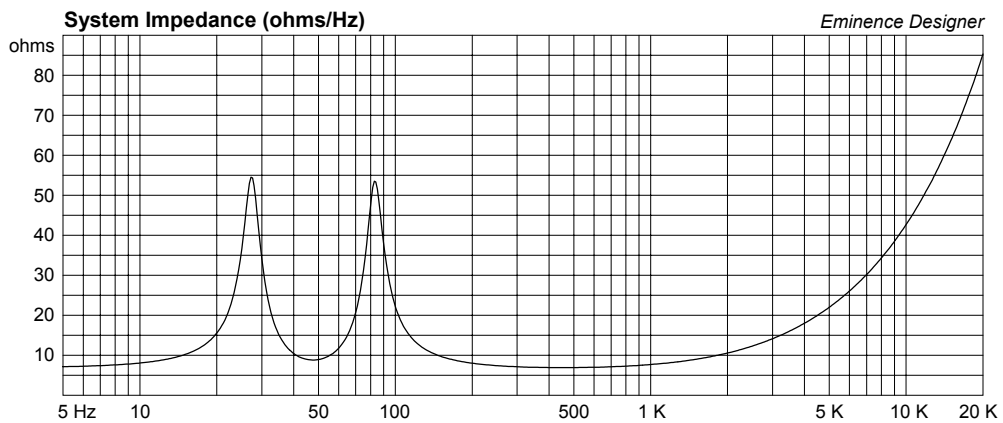
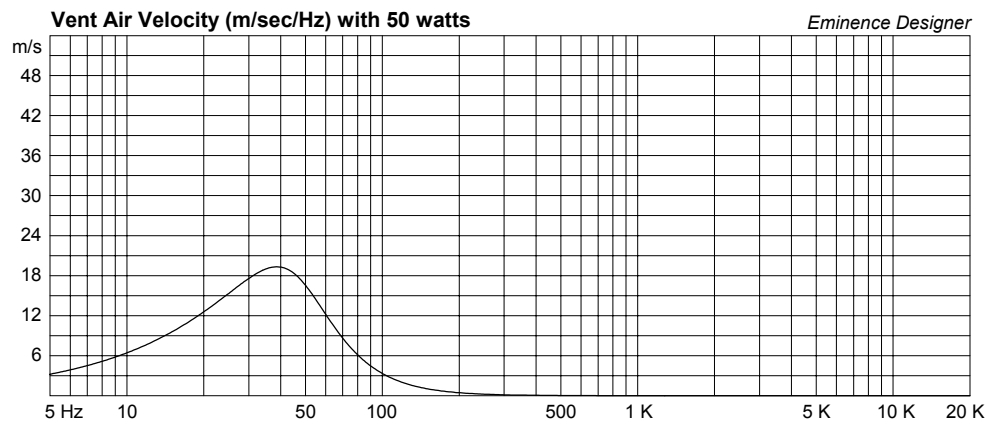
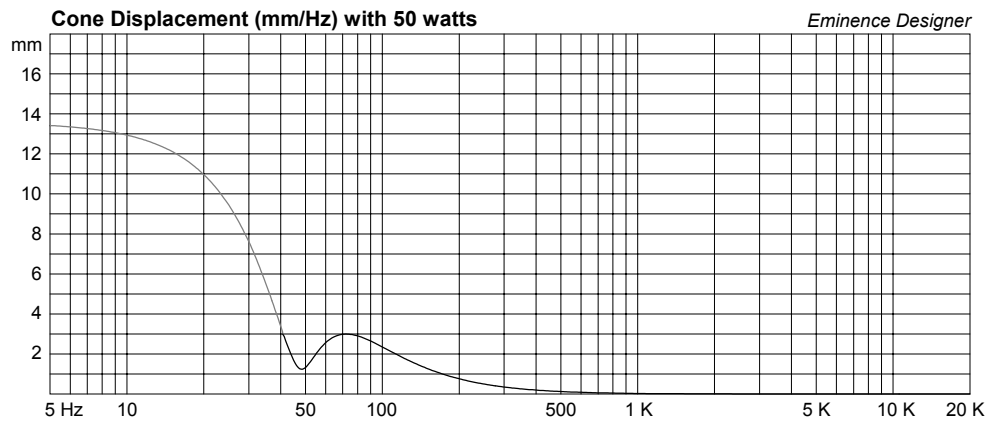
Re = 6.89 ohms

Le = 0.67 mH

Z = 8 ohms

Pe = 200 watts





# Legend B102 Small Vented Bass Guitar, Hi Pwr Midrange

By mcJerry, Eminence Speaker LLC

Thermally Limited to 200 Watts; use a steep high pass filter set to 200 Hz.

Not for Full Range use. Use with a woofer system that covers 200Hz and down.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 0.55 cu.ft

V(total) = 0.647 cu.ft

Fb = 95 Hz

QL = 7

F3 = 90.64 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 3.096 in

## Driver Properties

--Description--

Name: Legend B102

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 w/whizzer

Frame: Diecast aluminum basket.

Voice Coil: 2 inch coated aluminum.

Magnet: 59 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 47.5 Hz

Qms = 5.31

Vas = 65.03 liters

Xmax = 3 mm

Sd = 344.9 sq.cm

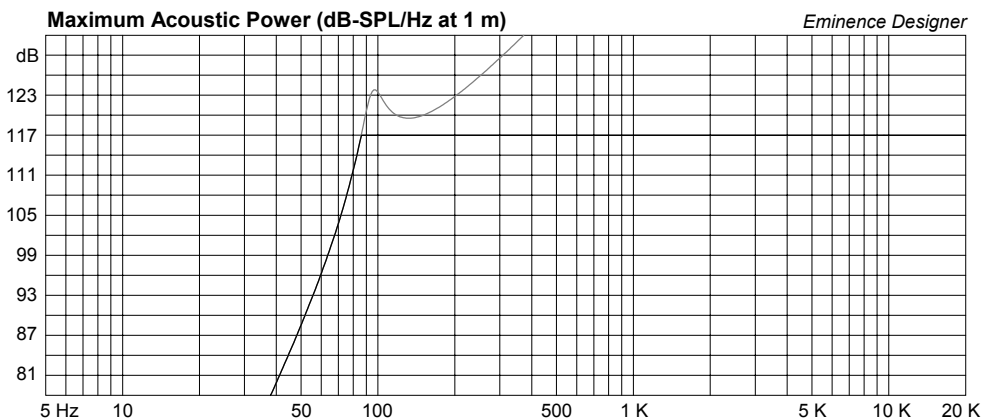
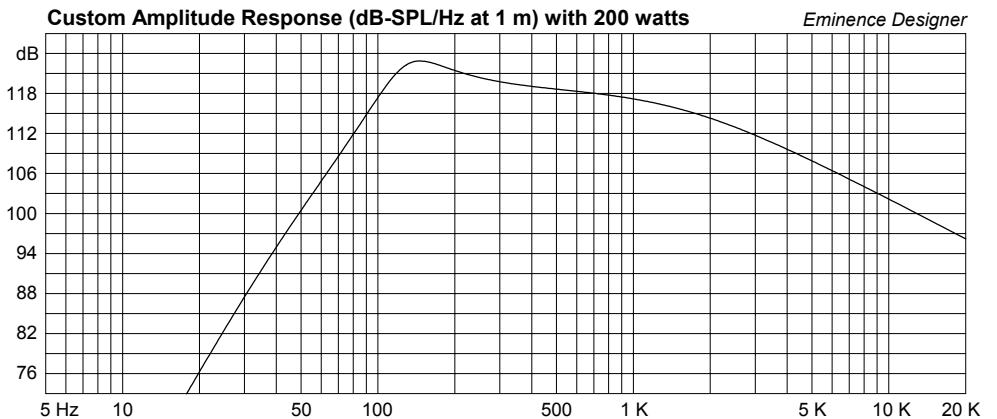
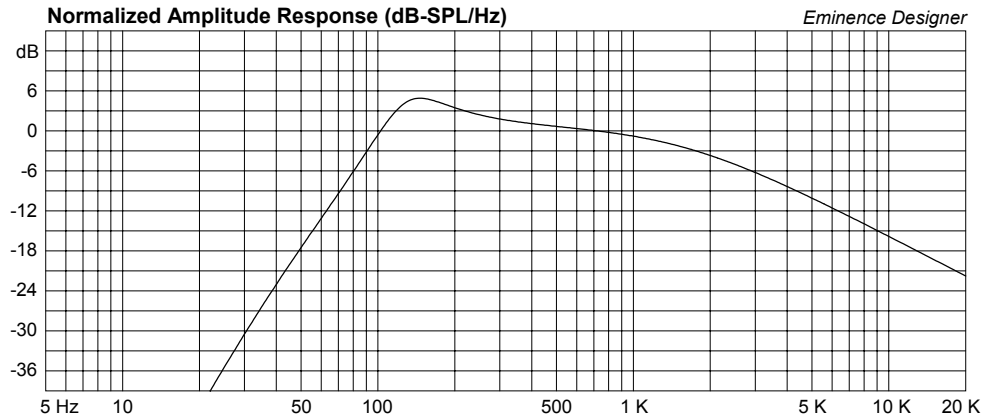
Qes = 0.42

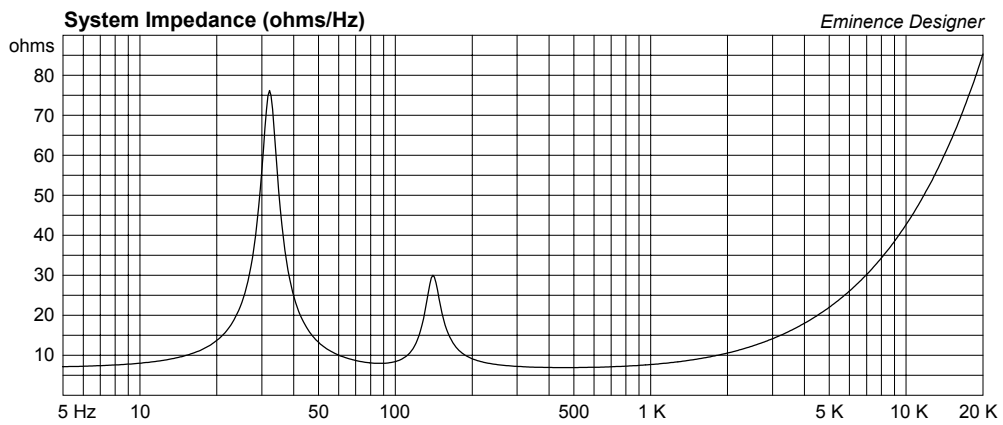
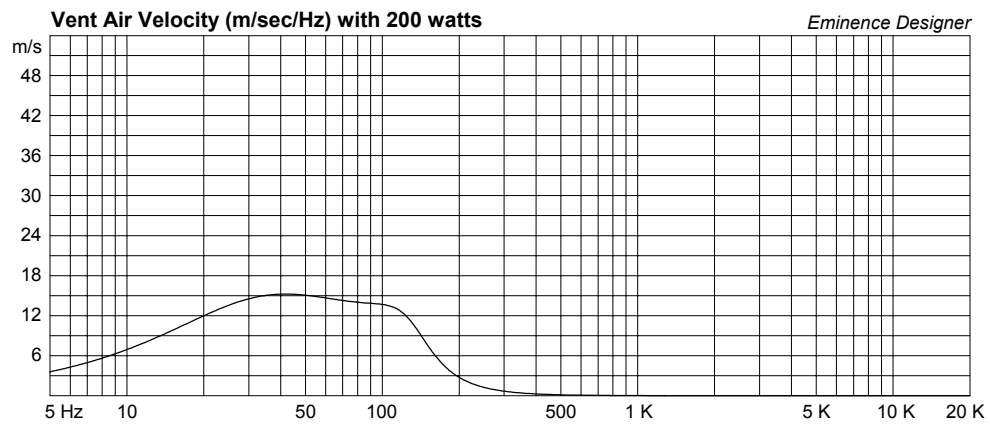
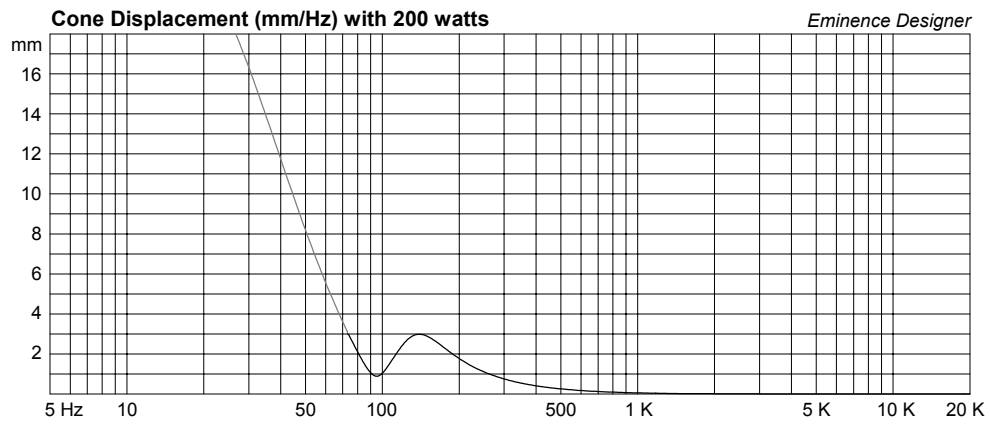
Re = 6.89 ohms

Le = 0.67 mH

Z = 8 ohms

Pe = 200 watts





# Legend B102 Small Vented Bass Guitar Cabinet

By McJerry, Eminence Speaker LLC

Displacement Limited to 125 Watts; F3 of 81 Hz. Use a high pass at 40 Hz.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 0.6 cu.ft

V(total) = 0.696 cu.ft

Fb = 64 Hz

QL = 7

F3 = 81.19 Hz

Fill = minimal

--Vents--

No. of Vents = 1

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 5.062 in

## Driver Properties

--Description--

Name: Legend B102

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 w/whizzer

Frame: Diecast aluminum basket.

Voice Coil: 2 inch coated aluminum.

Magnet: 59 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 47.5 Hz

Qms = 5.31

Vas = 65.03 liters

Xmax = 3 mm

Sd = 344.9 sq.cm

Qes = 0.42

Re = 6.89 ohms

Le = 0.67 mH

Z = 8 ohms

Pe = 200 watts

