

DefiniMax 4015LF PA or Club Subwoofer Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 600 Watts; F3 of 35 Hz. Use a steep high pass filter set to 30 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 5.75 cu.ft

V(total) = 6.326 cu.ft

Fb = 39 Hz

QL = 7

F3 = 34.95 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 10.45 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

Comment: New Driver for 2006

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 41.46 Hz

Qms = 6.73

Vas = 115.5 liters

Xmax = 9 mm

Sd = 872.9 sq.cm

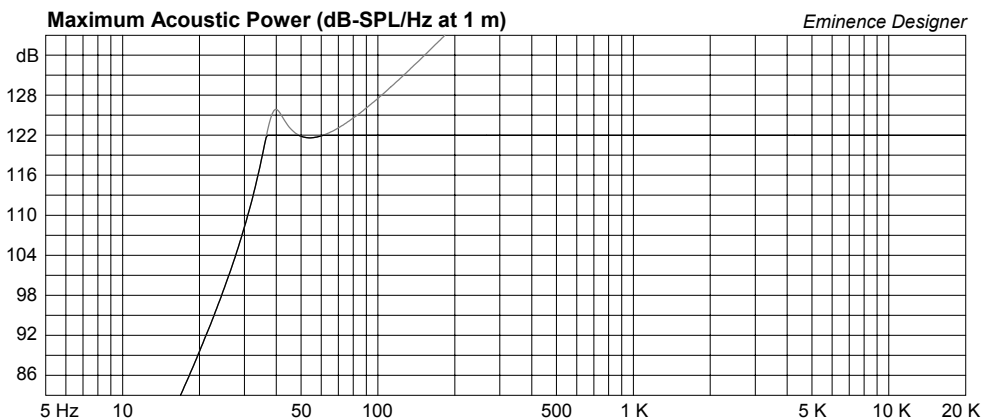
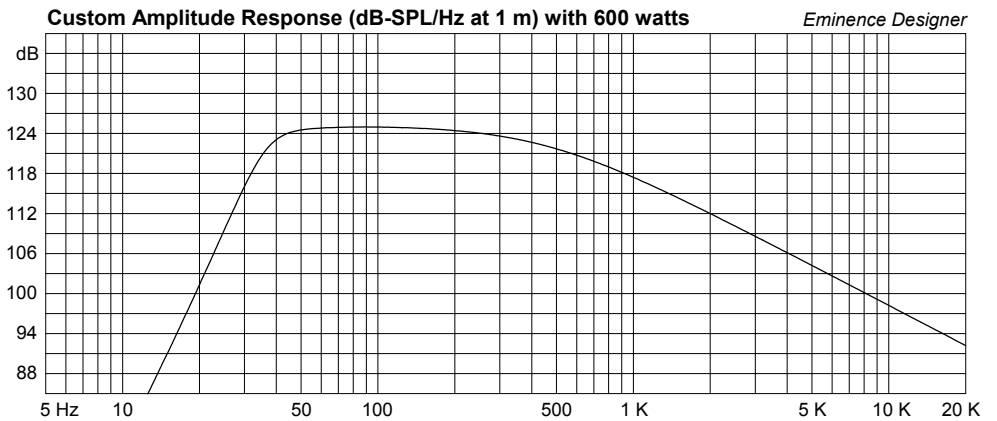
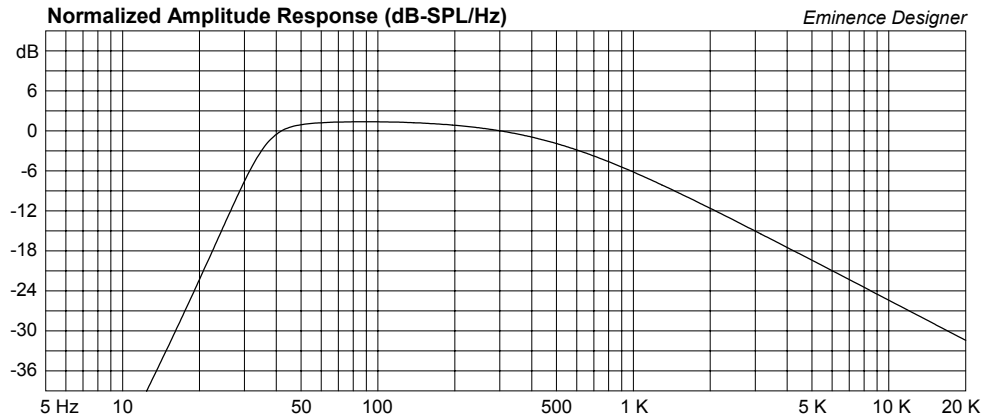
Qes = 0.54

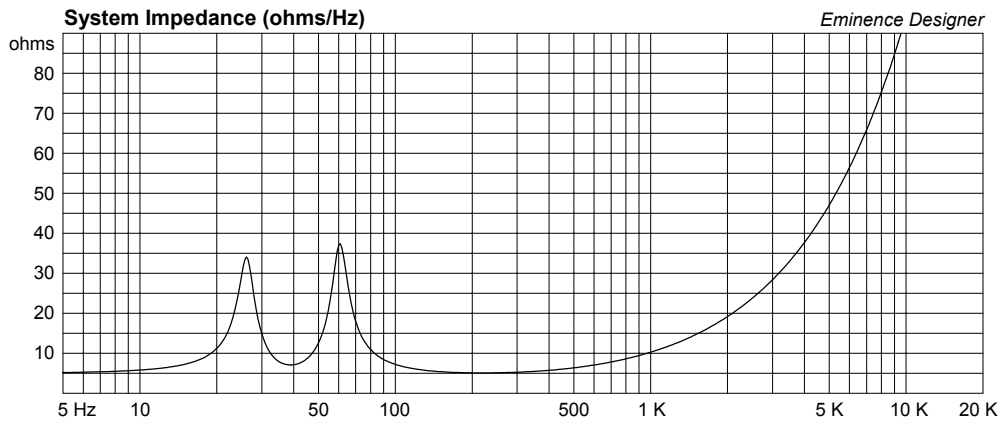
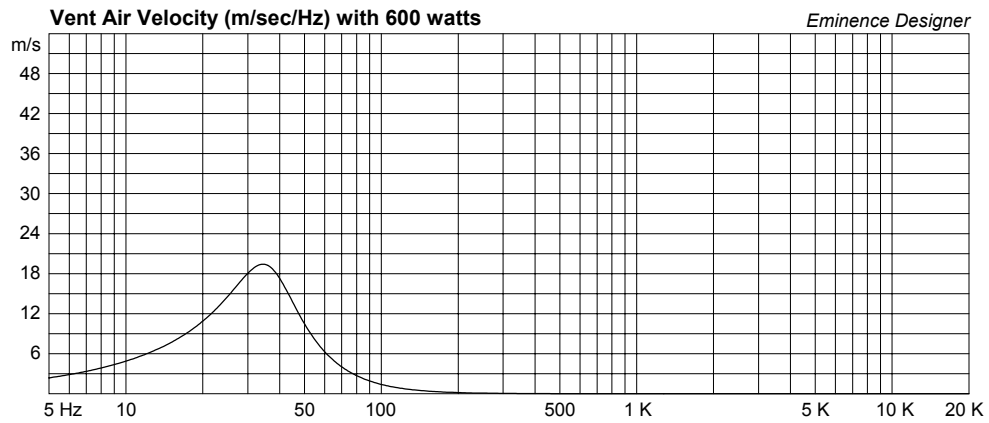
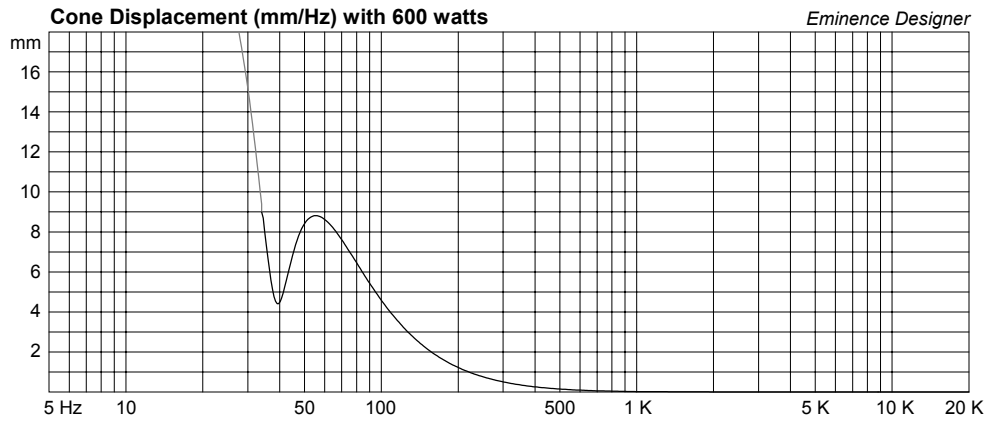
Re = 5.04 ohms

Le = 1.49 mH

Z = 8 ohms

Pe = 700 watts





DefiniMax 4015LF PA Subwoofer or Bass Guitar Bottom

By Jerry McNutt, Eminence Speaker LLC

Thermally Limited to 700 Watts; F3 of 40. Use a steep high pass filter set to 30 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 3.8 cu.ft

V(total) = 4.36 cu.ft

Fb = 40 Hz

QL = 7

F3 = 40.24 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 3.5 in

Lv = 12.79 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

Comment: New Driver for 2006

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 41.46 Hz

Qms = 6.73

Vas = 115.5 liters

Xmax = 9 mm

Sd = 872.9 sq.cm

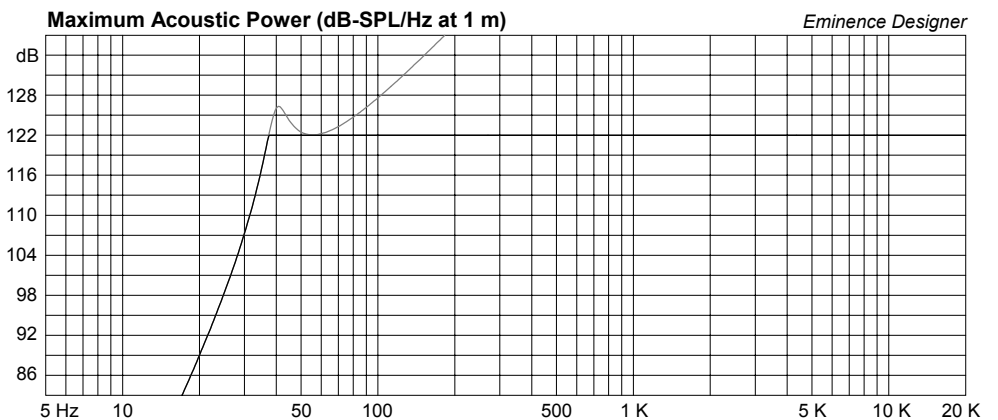
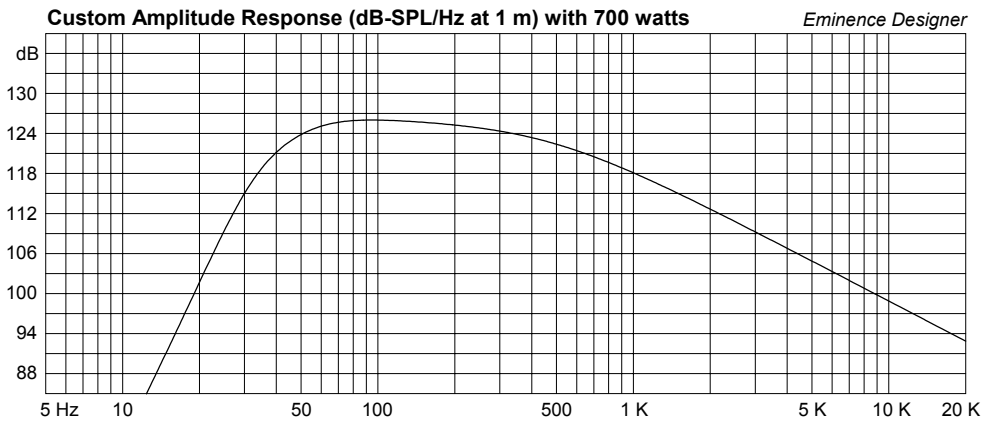
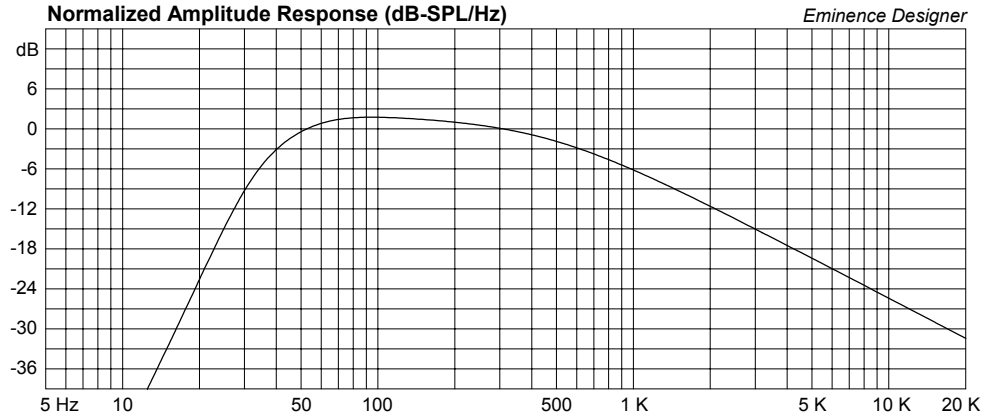
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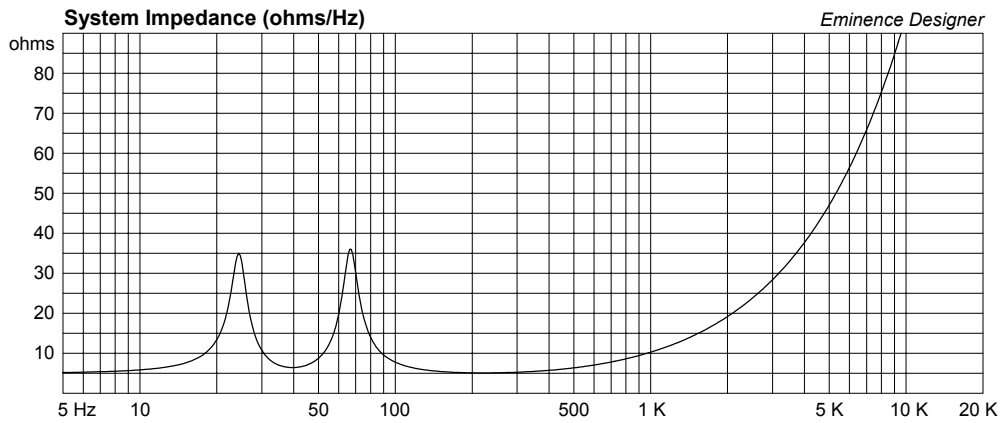
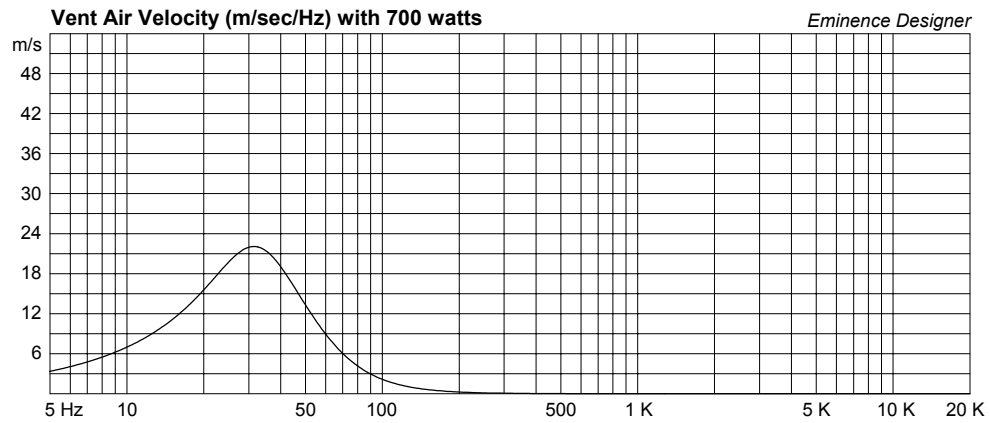
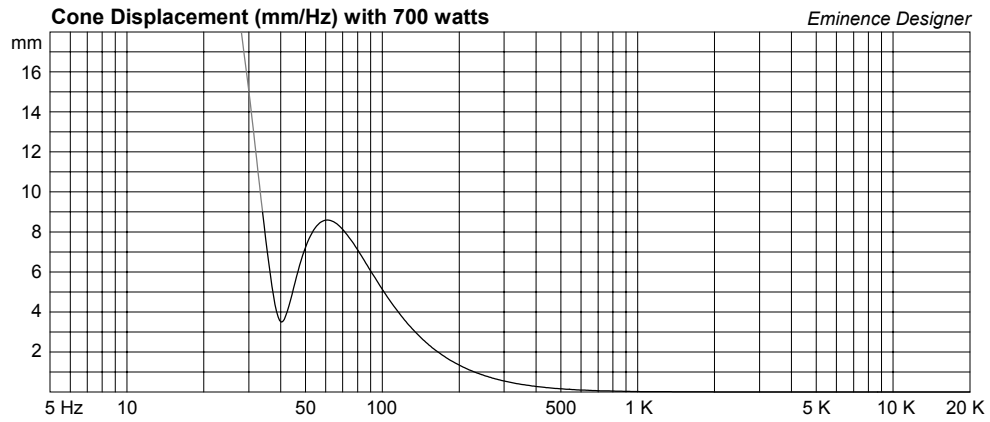
Re = 5.04 ohms

Le = 1.49 mH

Z = 8 ohms

Pe = 700 watts





DefiniMax 4015LF Hi Pwr Full Range PA Woofer Cabinet

By Jerry McNutt, Eminence Speaker LLC

Thermally Limited to 700 Watts; F3 of 48 Hz. Use a steep high pass filter set to 35 Hz.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.5 cu.ft

V(total) = 2.952 cu.ft

Fb = 45 Hz

QL = 7

F3 = 48.14 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 11.41 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

Comment: New Driver for 2006

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 41.46 Hz

Qms = 6.73

Vas = 115.5 liters

Xmax = 9 mm

Sd = 872.9 sq.cm

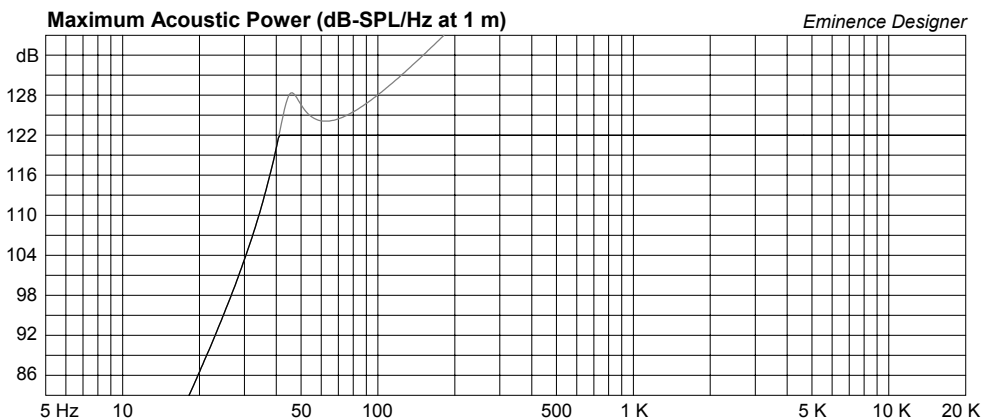
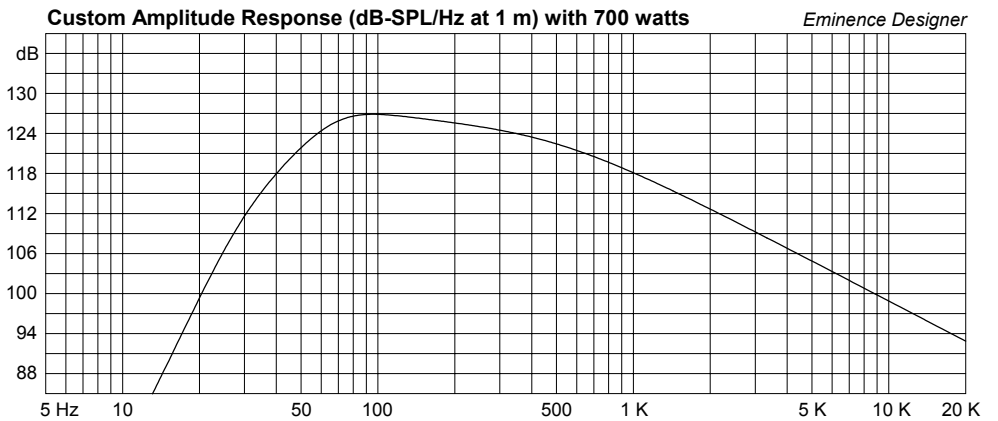
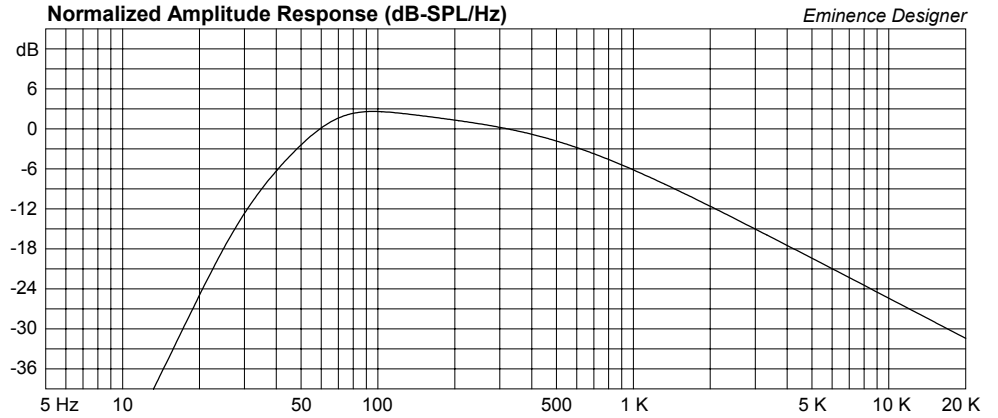
Qes = 0.54

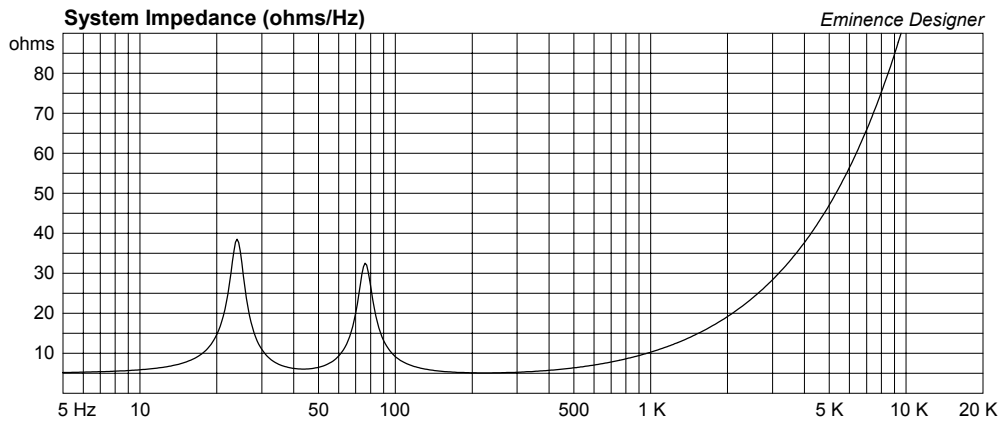
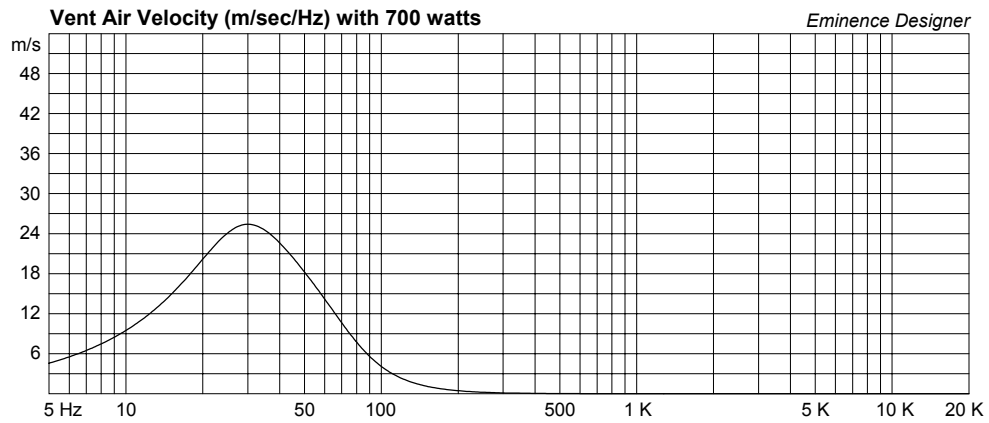
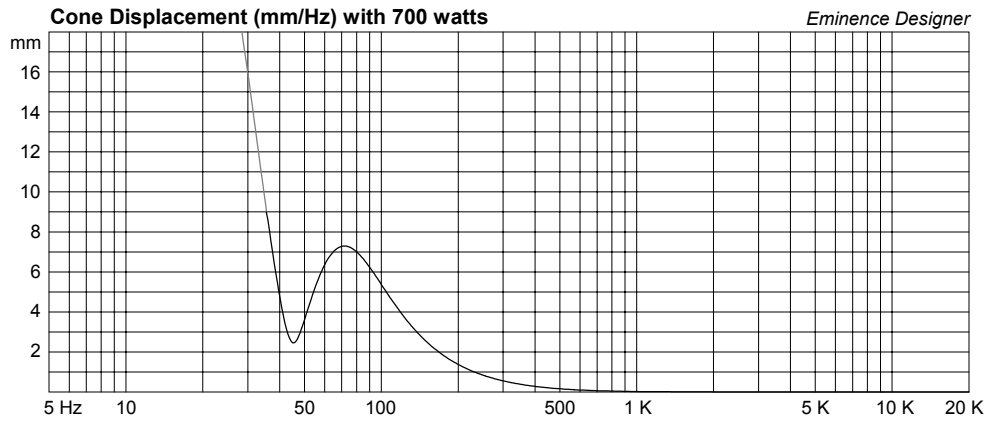
Re = 5.04 ohms

Le = 1.49 mH

Z = 8 ohms

Pe = 700 watts





DefiniMax 4015LF Sealed Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC

Limited to 500 Watts; F3 of 72 Hz with a slow Roll-off. Tight punchy bass, with no boom or over-hang.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 1.722 cu.ft

V(total) = 1.722 cu.ft

Qtc = 0.707

QL = 18.42

F3 = 71.72 Hz

Fill = heavy

Driver Properties

--Description--

Name:

Type: Standard one-way driver

Comment: New Driver for 2006

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 41.46 Hz

Qms = 6.73

Vas = 115.5 liters

Xmax = 9 mm

Sd = 872.9 sq.cm

Qes = 0.54

Re = 5.04 ohms

Le = 1.49 mH

Z = 8 ohms

Pe = 700 watts

