

KiloMaxPro 18A Large Sealed Design

By Jerry McNutt, Eminence Speaker LLC
Limit to 250 Watts; F3 of 58 Hz with no EQ. Slow Roll-off below F3.
Can be Equalised for use below 58 Hz.



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 6 cu.ft

V(total) = 6 cu.ft

Qtc = 0.628

QL = 12.63

F3 = 58.16 Hz

Fill = heavy

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft

Xmax = 0.394 in

Sd = 179.6 sq.in

Qes = 0.49

Re = 5.07 ohms

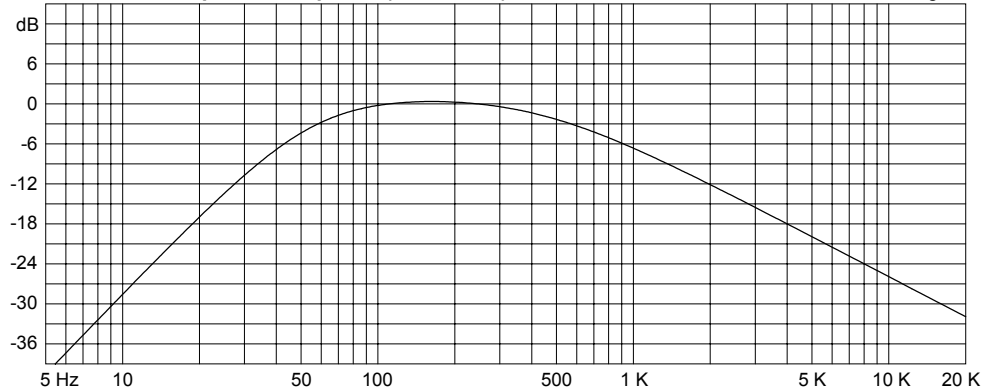
Le = 1.59 mH

Z = 8 ohms

Pe = 1250 watts

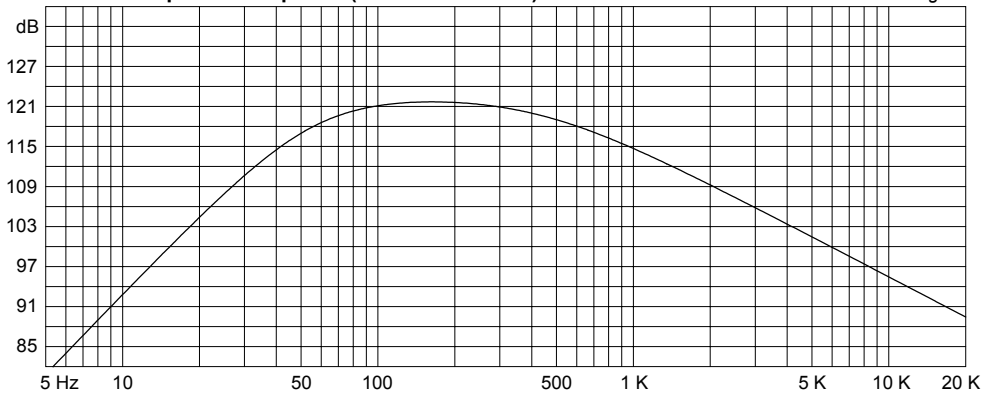
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



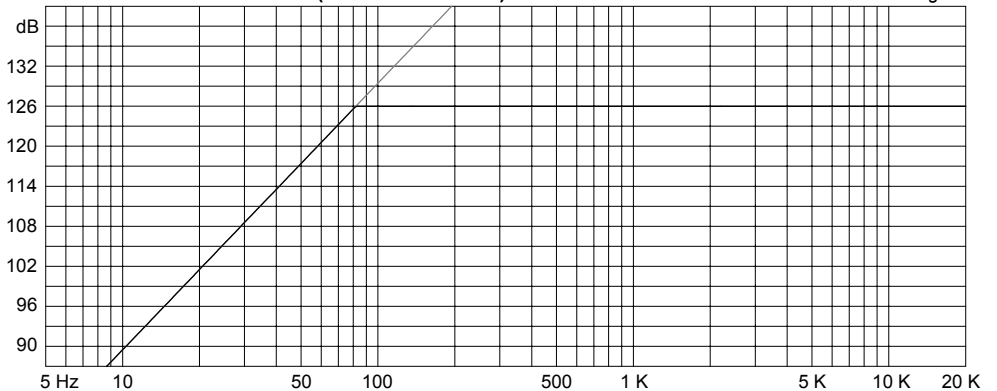
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 250 watts

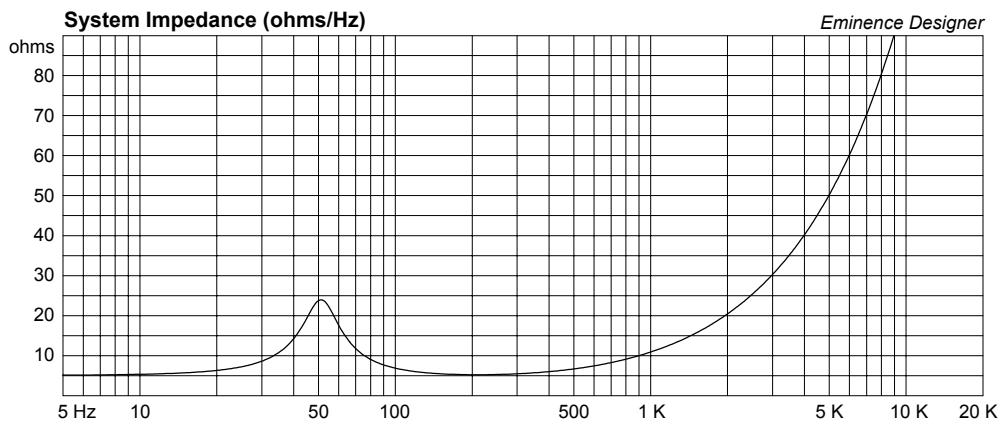
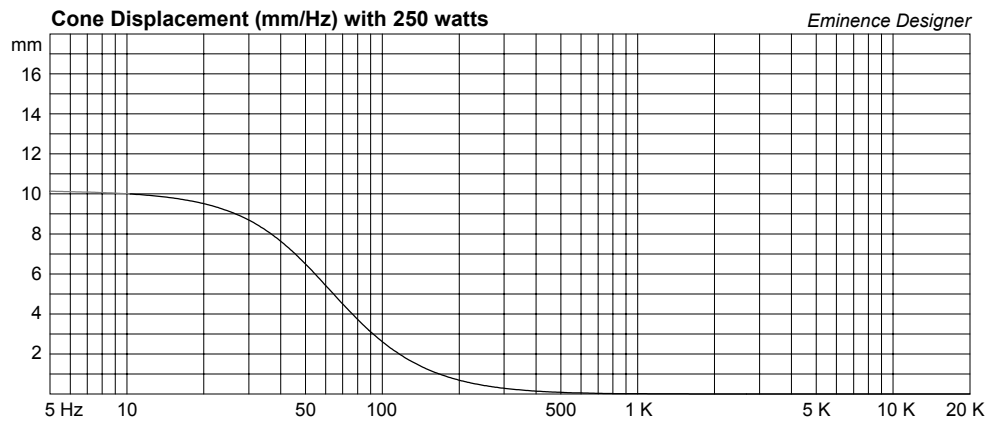
Eminence Designer



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

Eminence Designer





Custom Vented Box Design

By Jerry McNutt, Eminence Speaker LLC



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 14.24 cu.ft

V(total) = 14.79 cu.ft

Fb = 28 Hz

QL = 7

F3 = 27.92 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 6.964 in

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft

Xmax = 0.394 in

Sd = 179.6 sq.in

Qes = 0.49

Re = 5.07 ohms

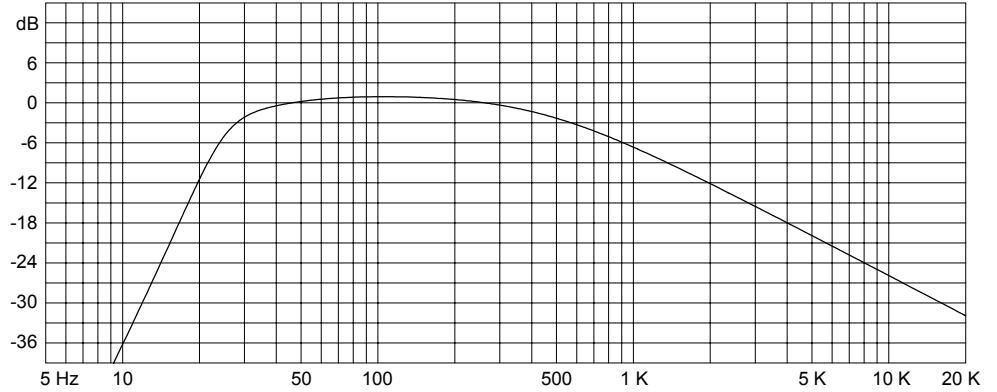
Le = 1.59 mH

Z = 8 ohms

Pe = 1250 watts

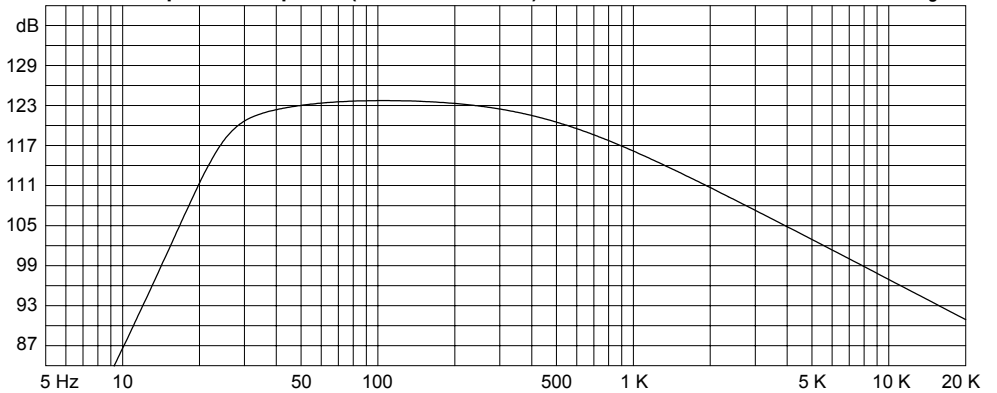
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



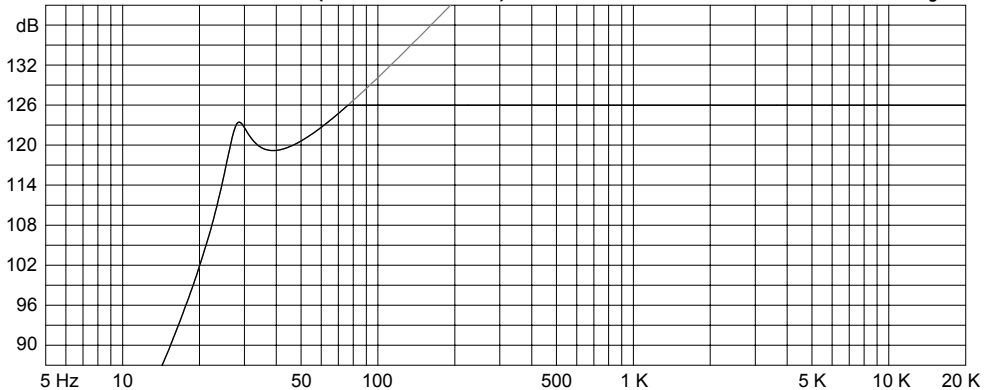
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 350 watts

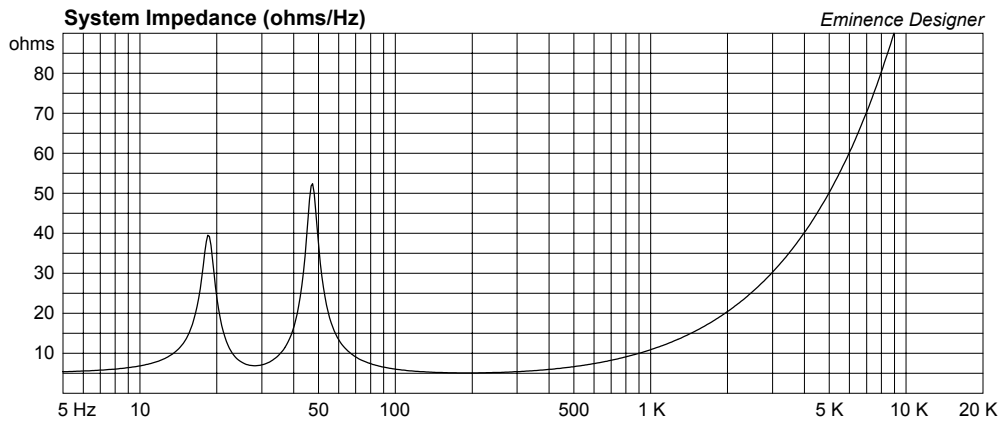
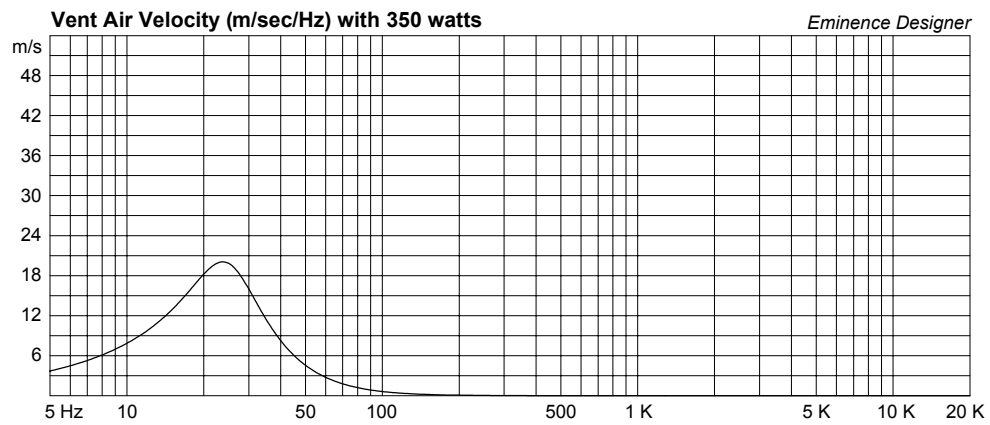
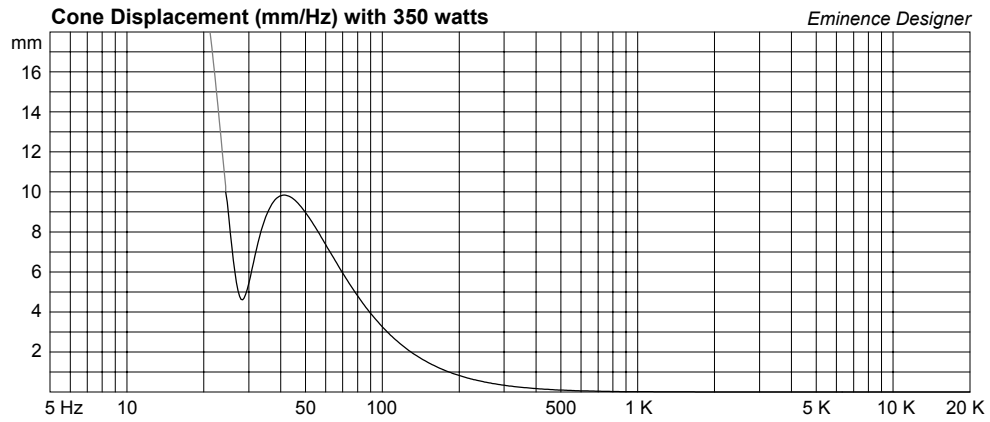
Eminence Designer



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

Eminence Designer





KiloMaxPro 18A Small Sealed Design

By Jerry McNutt, Eminence Speaker LLC
Limit to 400 Watts; F3 of 60 Hz with no EQ.
Can be Equalised for use below 60 Hz.



Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.8 cu.ft

V(total) = 3.8 cu.ft

Qtc = 0.711

QL = 12.63

F3 = 59.95 Hz

Fill = heavy

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft

Xmax = 0.394 in

Sd = 179.6 sq.in

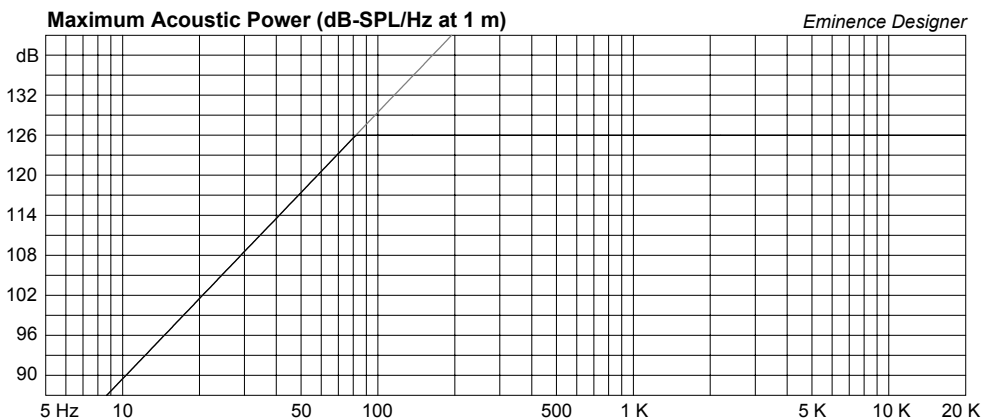
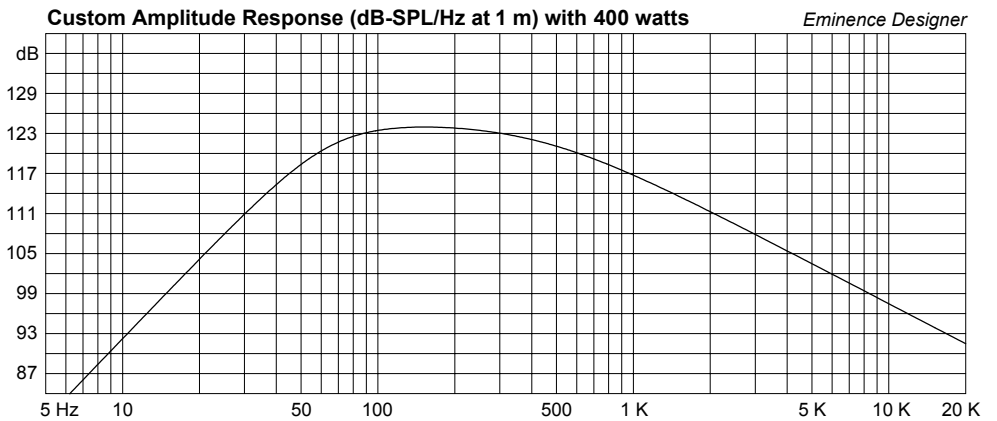
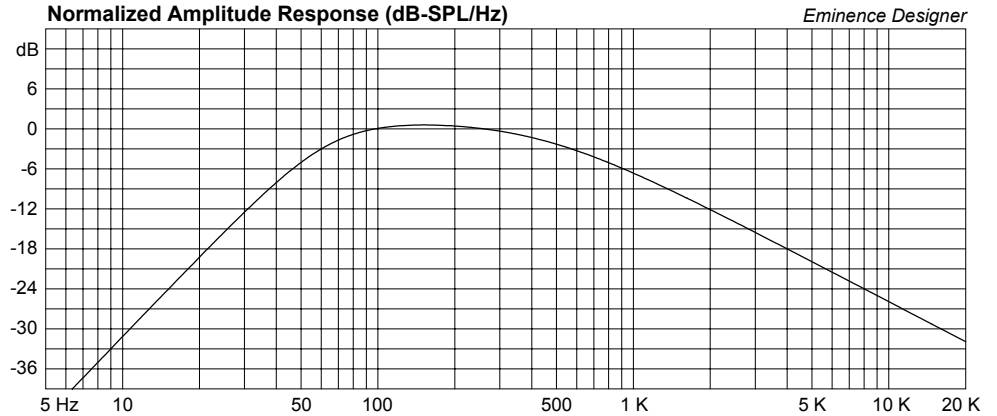
Qes = 0.49

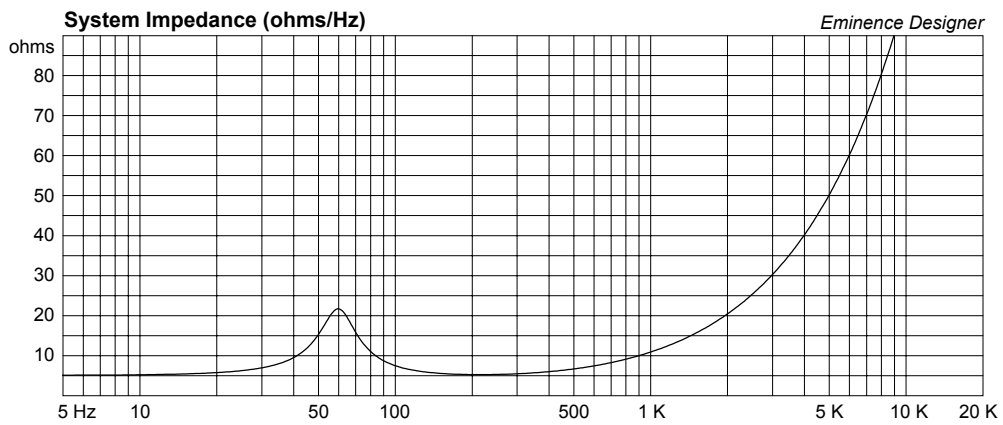
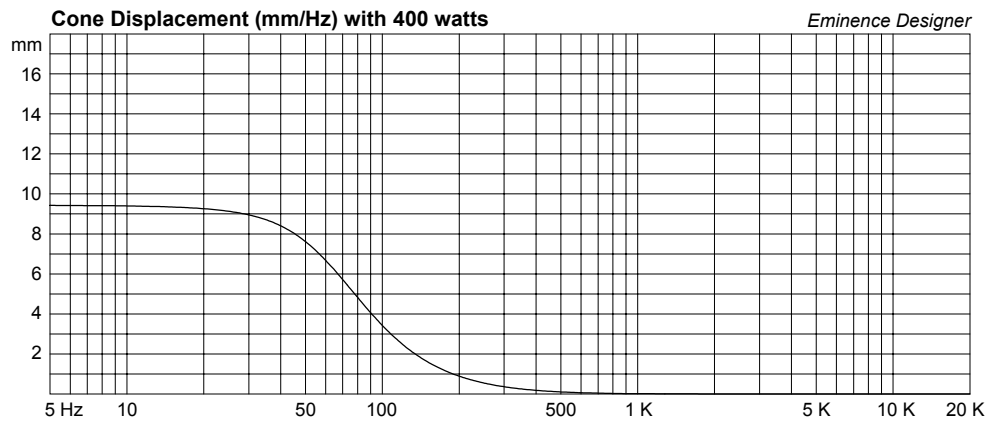
Re = 5.07 ohms

Le = 1.59 mH

Z = 8 ohms

Pe = 1250 watts





KiloMaxPro 18A Very Large Vented Sub, Very Low F3

By Jerry McNutt, Eminence Speaker LLC

Limit to 450 Watts; F3 of 33 Hz. Use a steep high pass filter set to 25 Hz

to protect your woofer. Place ports symmetrically about woofer. Discover Deep Bass.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 10 cu.ft

V(total) = 10.65 cu.ft

Fb = 29.81 Hz

QL = 7

F3 = 32.76 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 10.2 in

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft

Xmax = 0.394 in

Sd = 179.6 sq.in

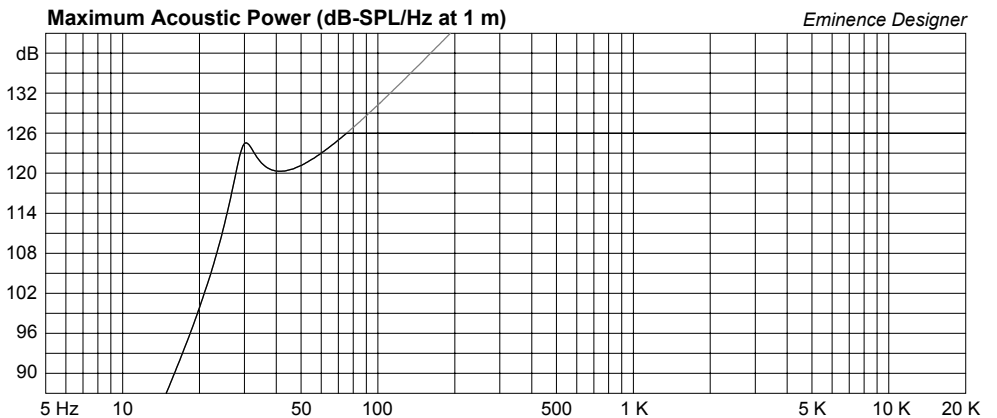
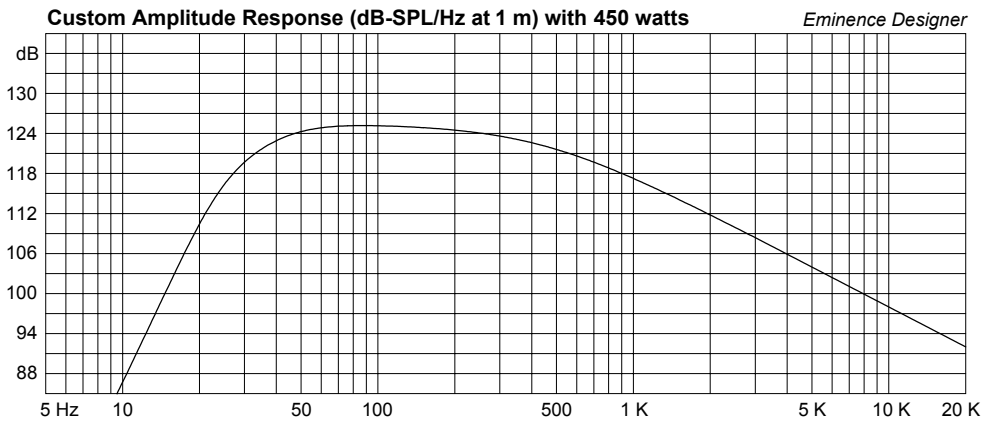
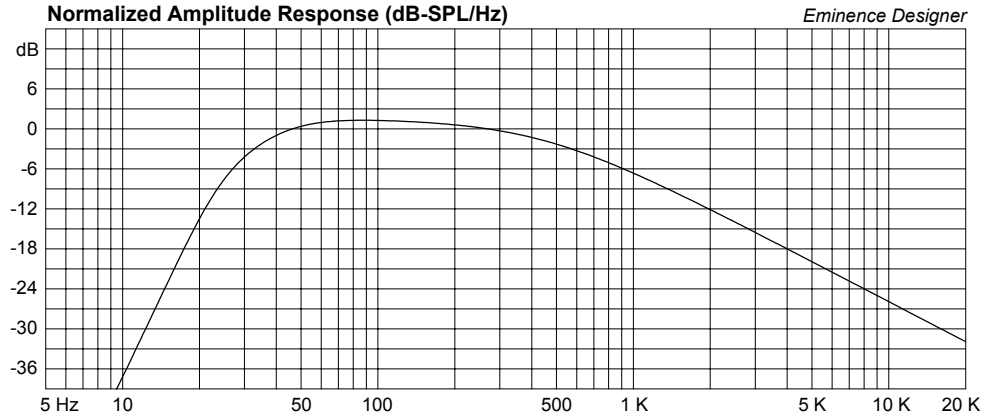
Qes = 0.49

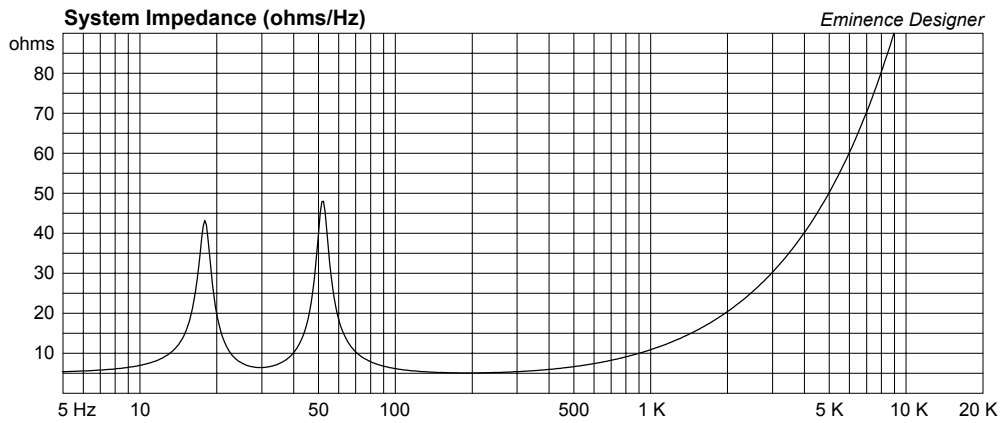
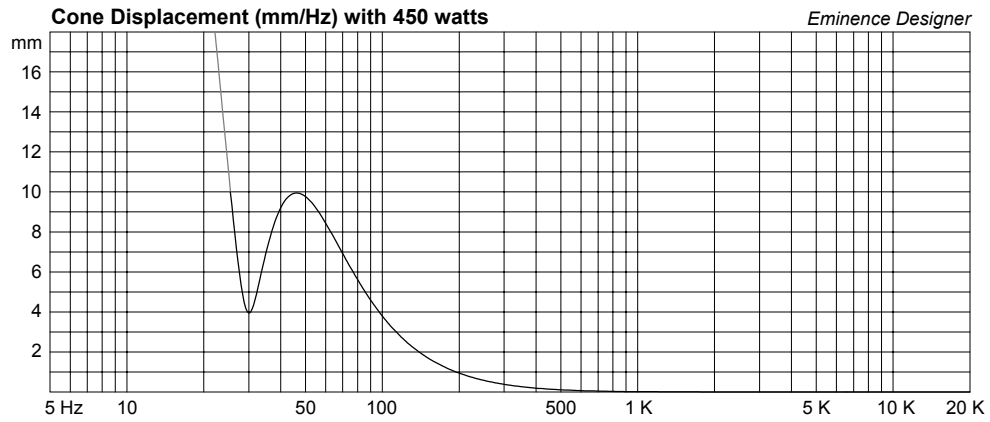
Re = 5.07 ohms

Le = 1.59 mH

Z = 8 ohms

Pe = 1250 watts





KiloMaxPro 18A Large Vented Sub, Lower F3

By Jerry McNutt, Eminence Speaker LLC

Limit to 650 Watts; F3 of 36 Hz. Use a steep high pass filter set to 30 Hz to protect your woofer. Place ports symmetrically about woofer.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 8.5 cu.ft

V(total) = 9.009 cu.ft

Fb = 38 Hz

QL = 7

F3 = 35.59 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 5.822 in

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft

Xmax = 0.394 in

Sd = 179.6 sq.in

Qes = 0.49

Re = 5.07 ohms

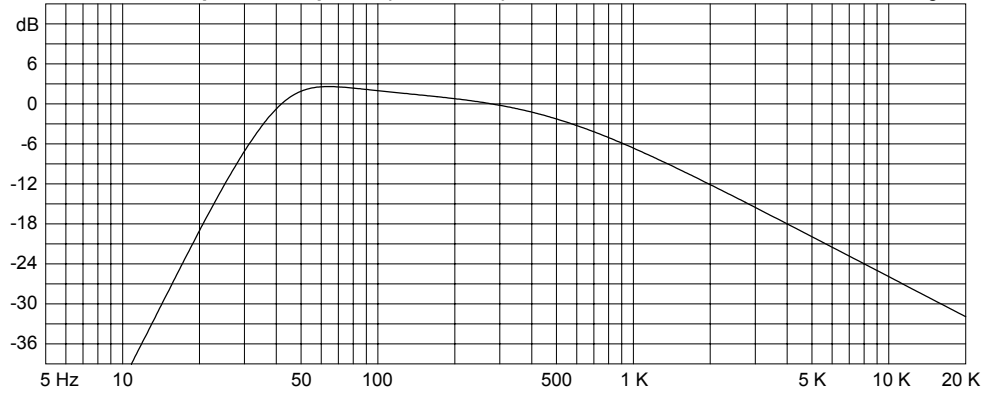
Le = 1.59 mH

Z = 8 ohms

Pe = 1250 watts

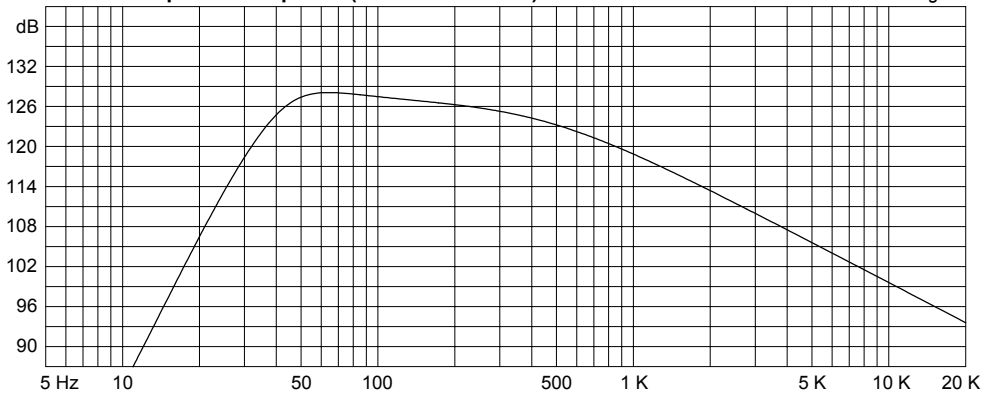
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



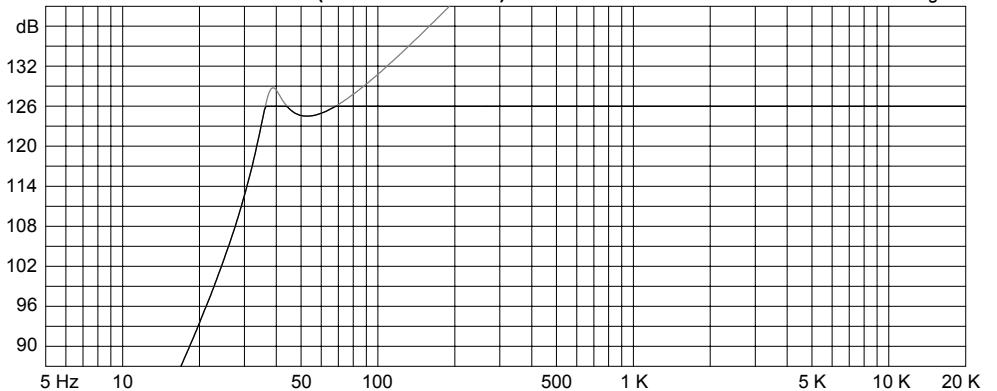
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 650 watts

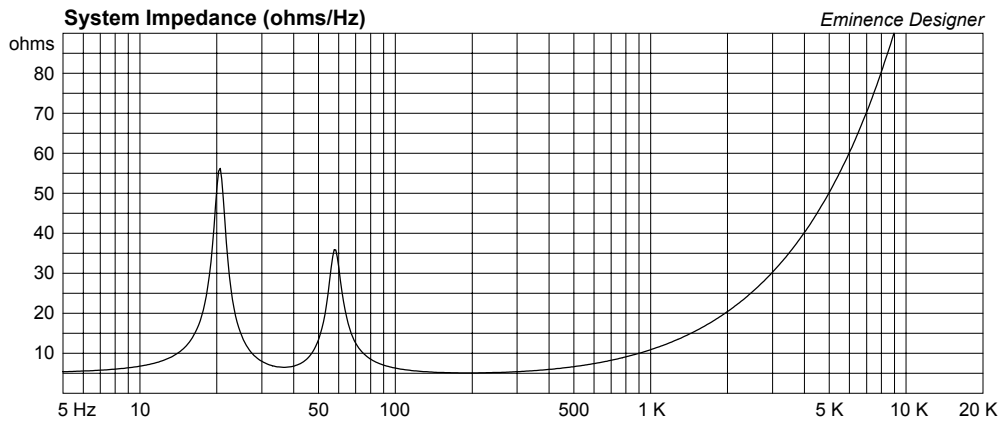
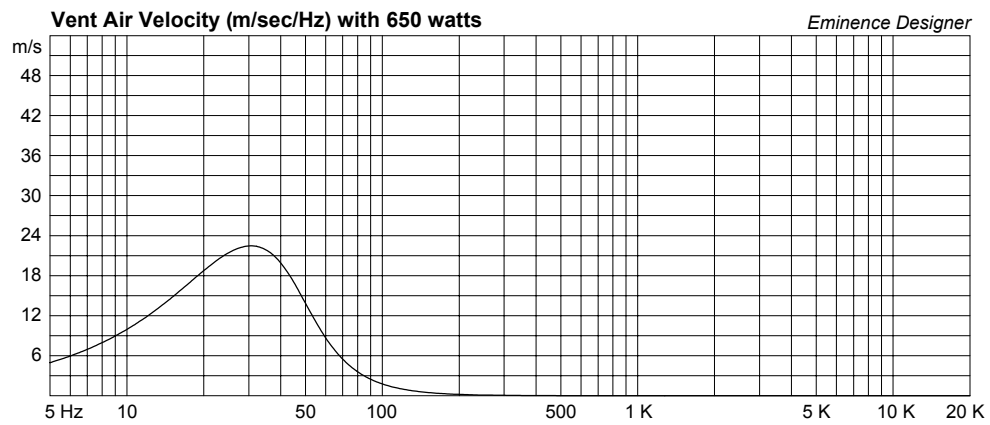
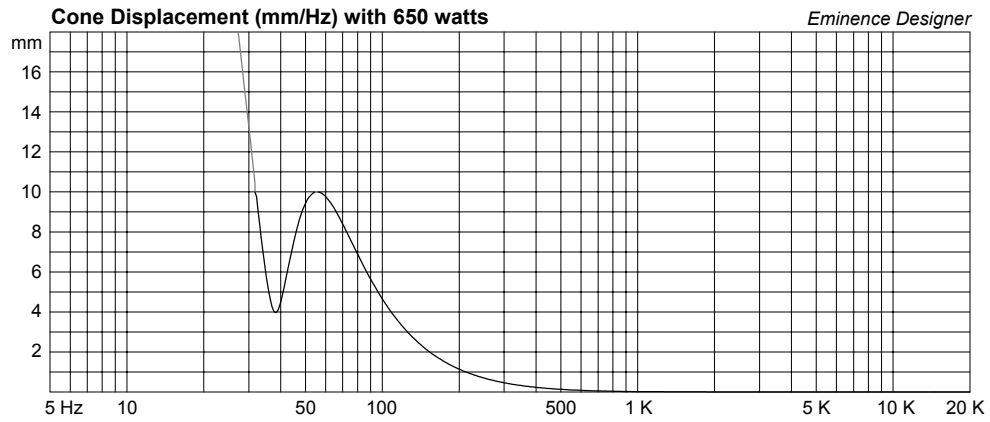
Eminence Designer



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

Eminence Designer





KiloMaxPro 18A Med Vented Subwoofer

By Jerry McNutt, Eminence Speaker LLC

Limit to 700 Watts; F3 of 37 Hz. Use a steep high pass filter set to 35 Hz to protect your woofer. Place ports symmetrically about woofer.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 7 cu.ft

V(total) = 7.59 cu.ft

Fb = 38 Hz

QL = 7

F3 = 37.96 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 8.282 in

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft

Xmax = 0.394 in

Sd = 179.6 sq.in

Qes = 0.49

Re = 5.07 ohms

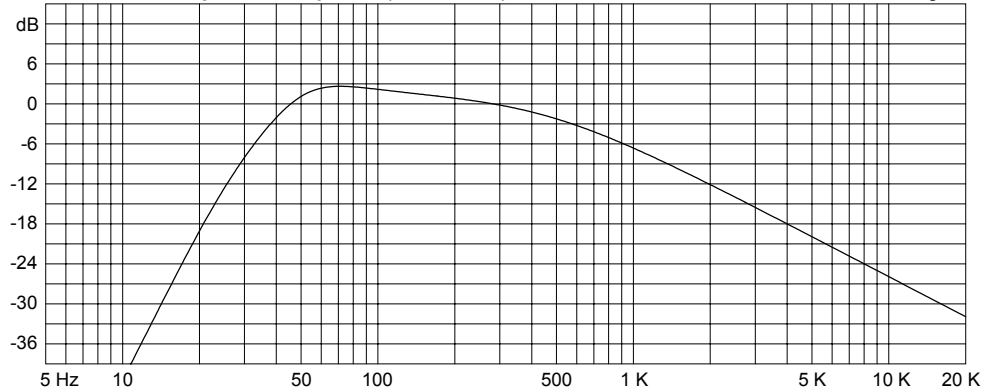
Le = 1.59 mH

Z = 8 ohms

Pe = 1250 watts

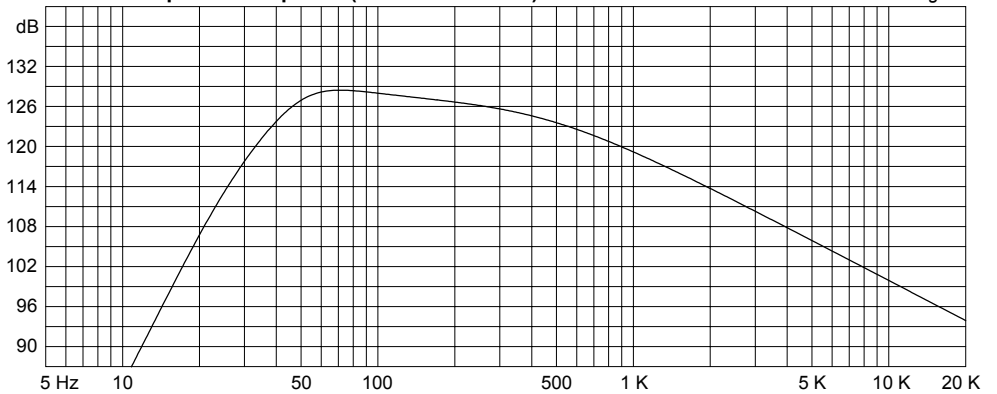
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



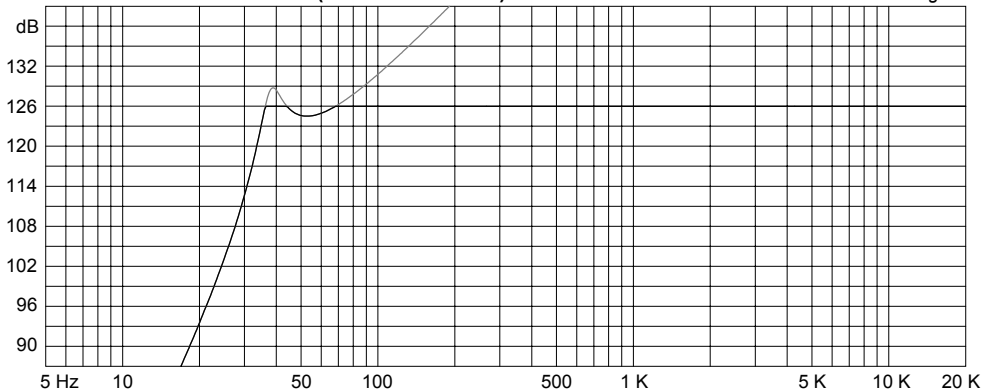
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 700 watts

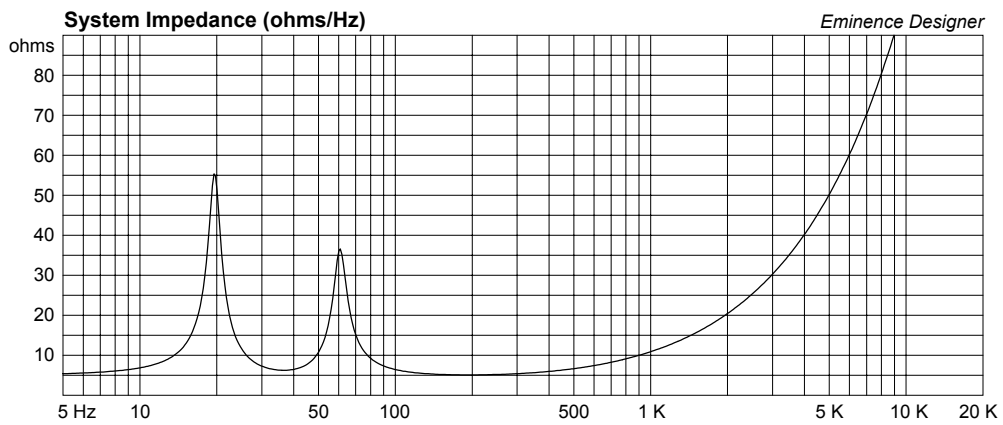
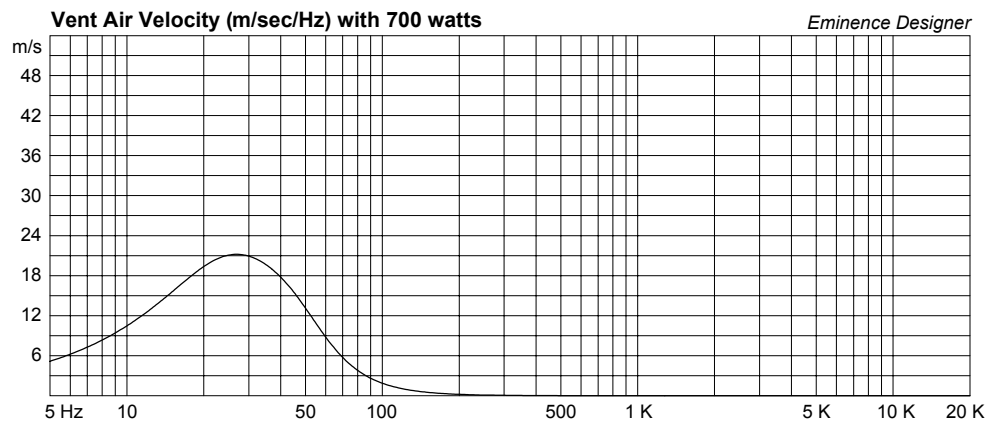
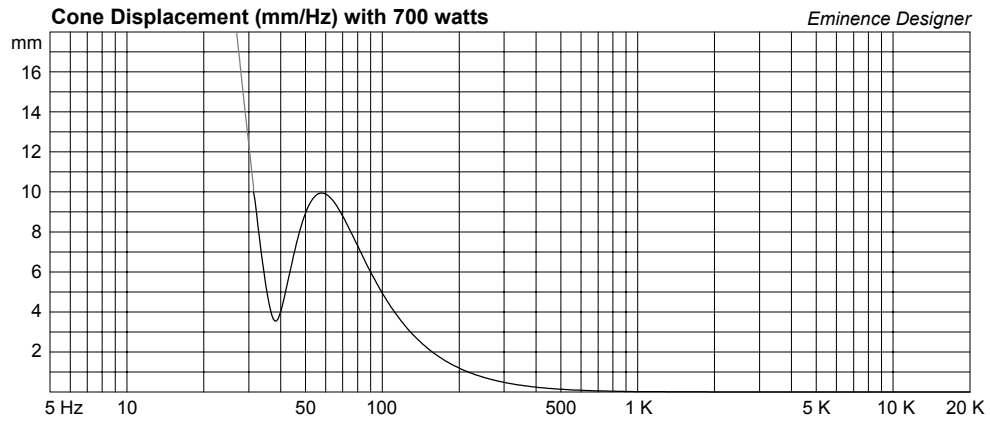
Eminence Designer



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

Eminence Designer





KiloMaxPro 18A Small Vented Subwoofer

By Jerry McNutt, Eminence Speaker LLC

Limit to 1150 Watts; F3 of 47 Hz. Use a steep high pass filter set to 40 Hz to protect your woofer. Place ports symmetrically about woofer.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 4.556 cu.ft

V(total) = 5.129 cu.ft

Fb = 48 Hz

QL = 7

F3 = 46.61 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 7.766 in

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft

Xmax = 0.394 in

Sd = 179.6 sq.in

Qes = 0.49

Re = 5.07 ohms

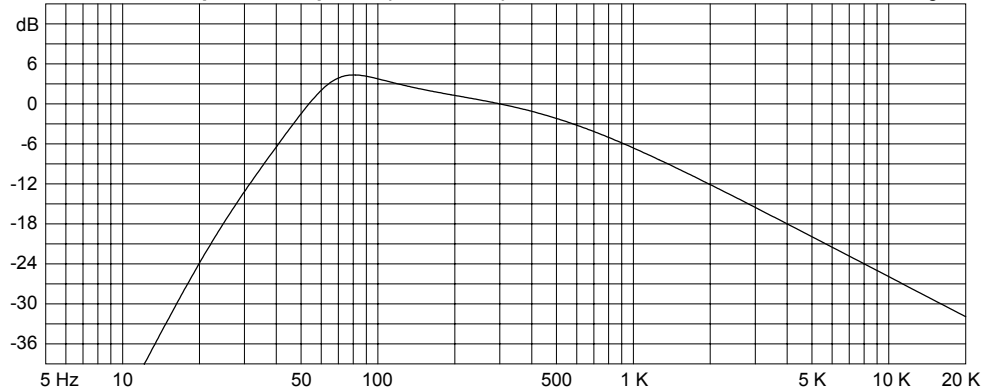
Le = 1.59 mH

Z = 8 ohms

Pe = 1250 watts

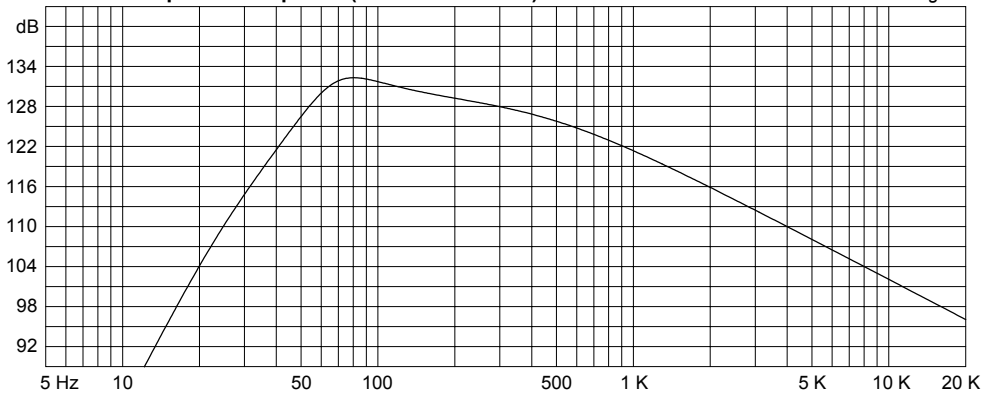
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



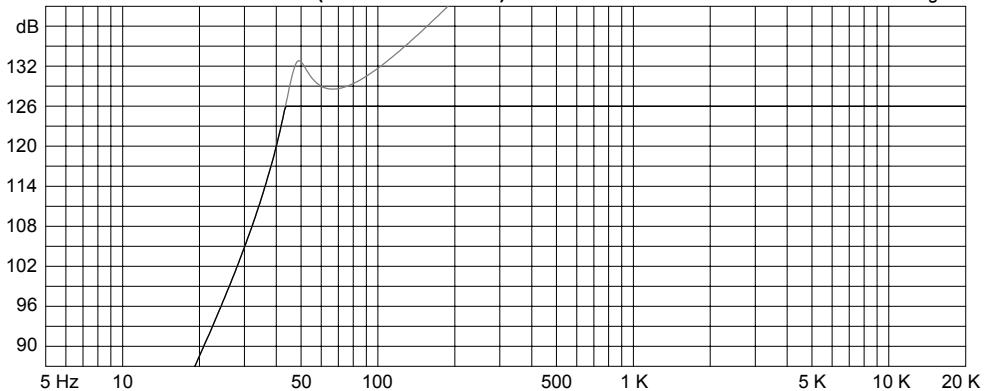
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 1150 watts

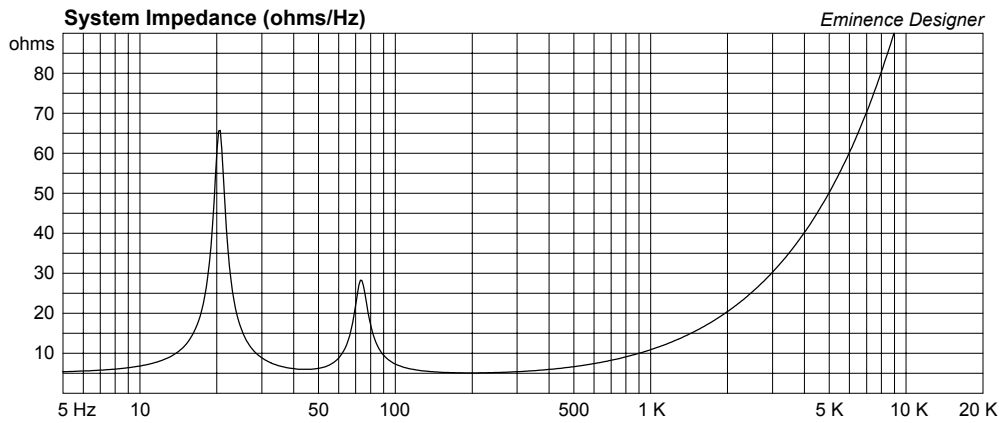
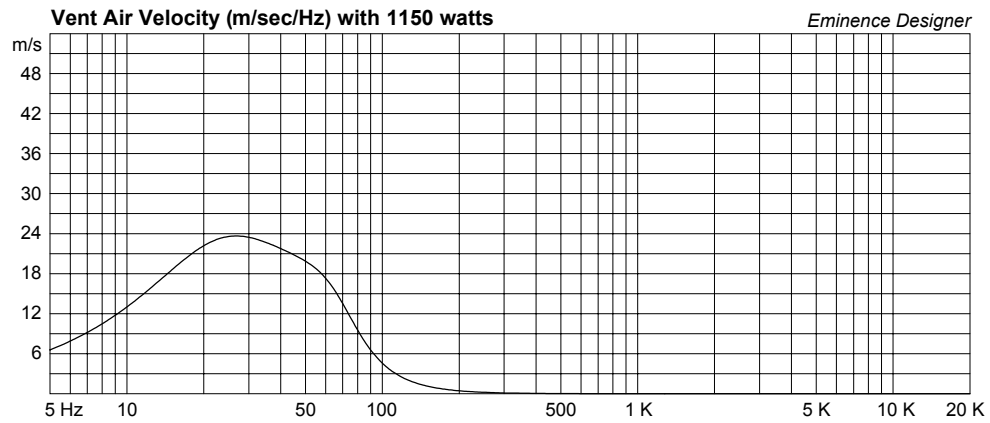
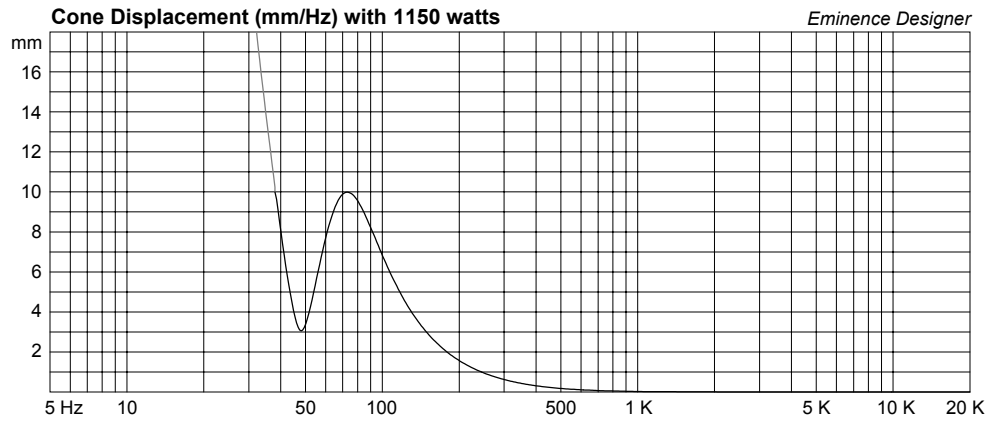
Eminence Designer



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

Eminence Designer





KiloMaxPro 18A Super Small Vented Subwoofer

By Jerry McNutt, Eminence Speaker LLC

Limit to 1250 Watts; F3 of 51 Hz. Use a steep high pass filter set to 40 Hz to protect your woofer. Place ports symmetrically about woofer. Rock and Roll.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 3.5 cu.ft

V(total) = 4.206 cu.ft

Fb = 48 Hz

QL = 7

F3 = 51.01 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 11.82 in

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft

Xmax = 0.394 in

Sd = 179.6 sq.in

Qes = 0.49

Re = 5.07 ohms

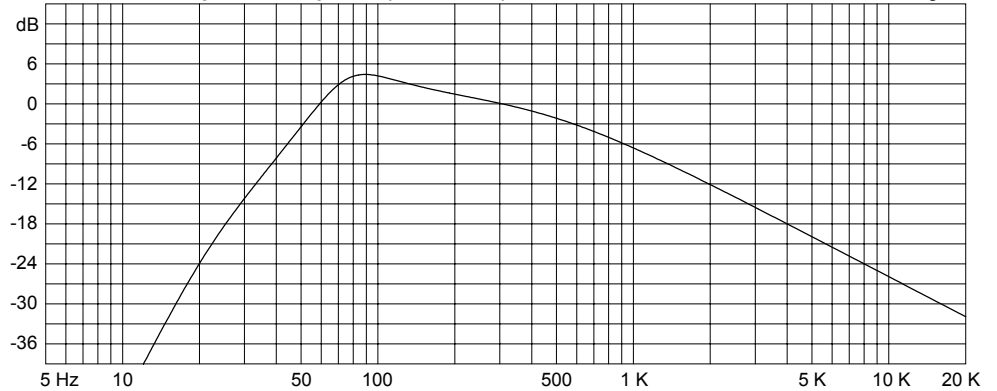
Le = 1.59 mH

Z = 8 ohms

Pe = 1250 watts

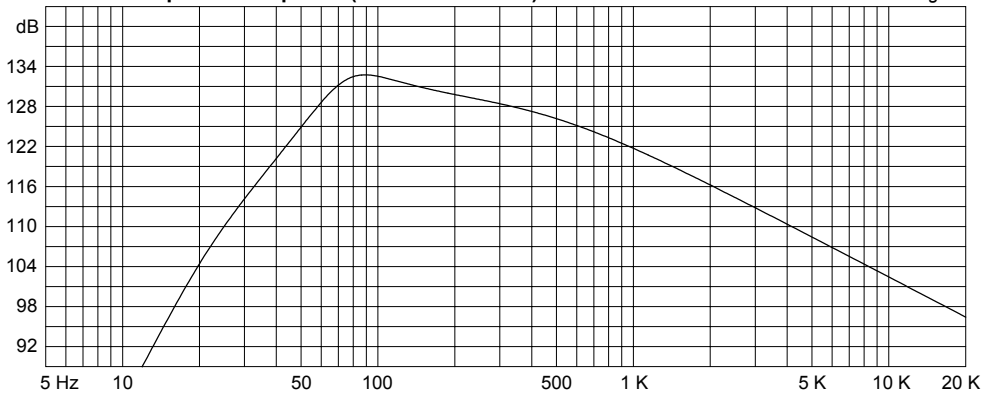
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



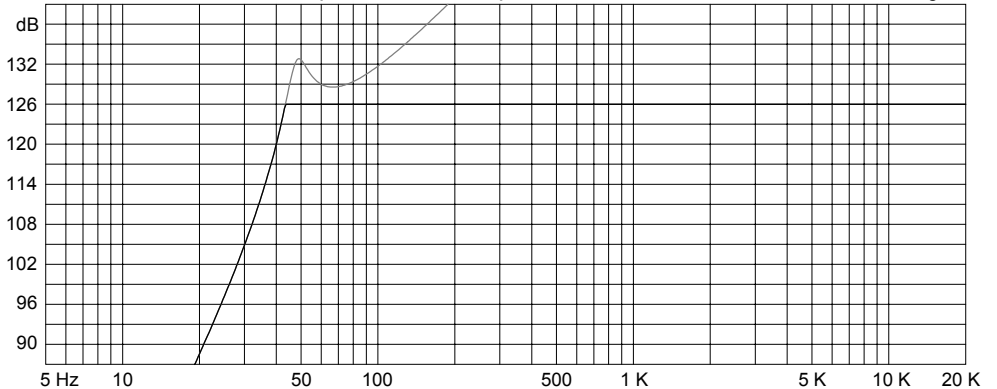
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 1250 watts

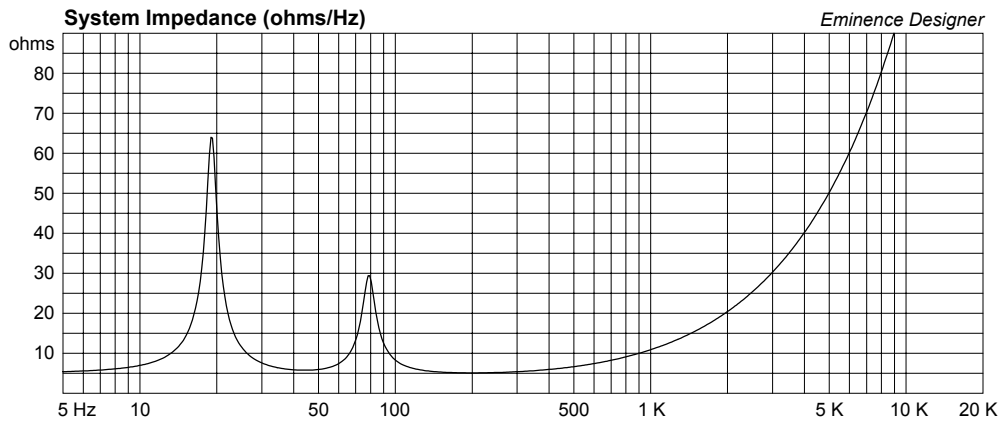
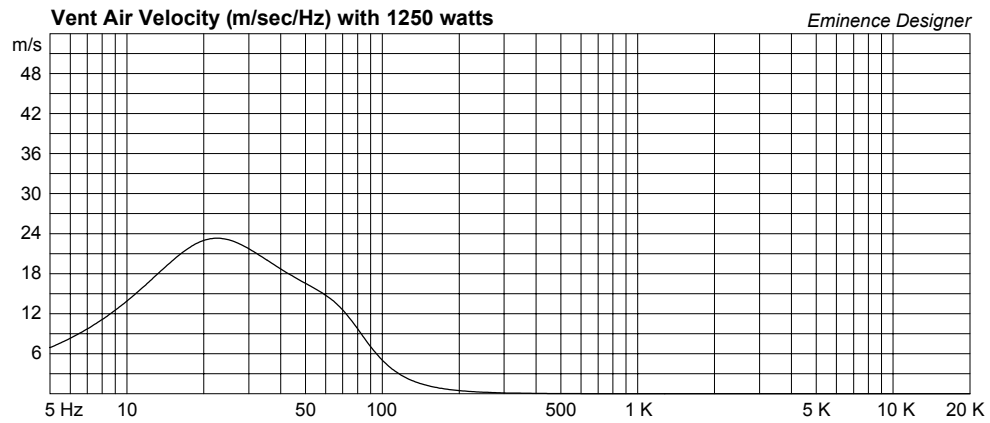
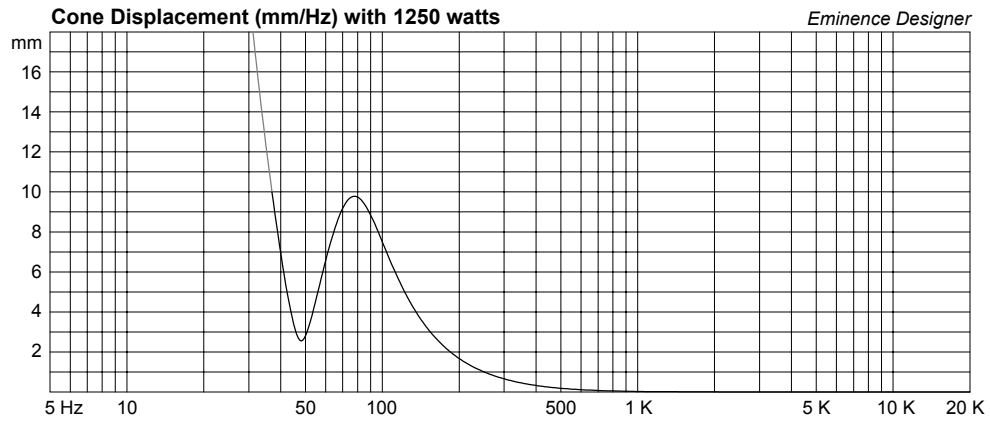
Eminence Designer



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

Eminence Designer





KiloMaxPro 18A Larger Classic Double 18, Lower F3

By Jerry McNutt, Eminence Speaker LLC

Limit to 1400 Watts; F3 of 38 Hz. Use a steep high pass filter set to 30 Hz to protect your woofer. Place ports symmetrically about woofer.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 15 cu.ft

V(total) = 16.03 cu.ft

Fb = 40 Hz

QL = 7

F3 = 37.6 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = other

Vent ends = one flush

Av = 33.89 sq.in

Lv = 6.542 in

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 2

Mounting = Standard

Wiring = Parallel

Drivers sum coherently = Yes

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft [23.41]

Xmax = 0.394 in

Sd = 179.6 sq.in [359.3]

Qes = 0.49

Re = 5.07 ohms [2.535]

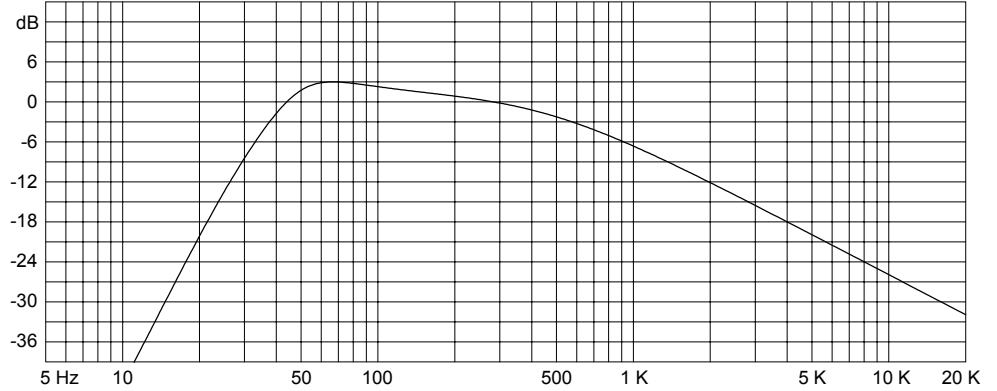
Le = 1.59 mH [0.795]

Z = 8 ohms [4]

Pe = 1250 watts [2500]

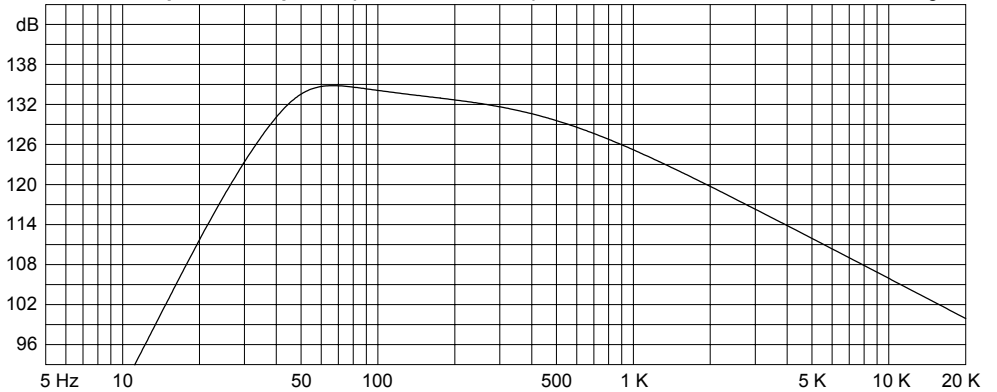
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



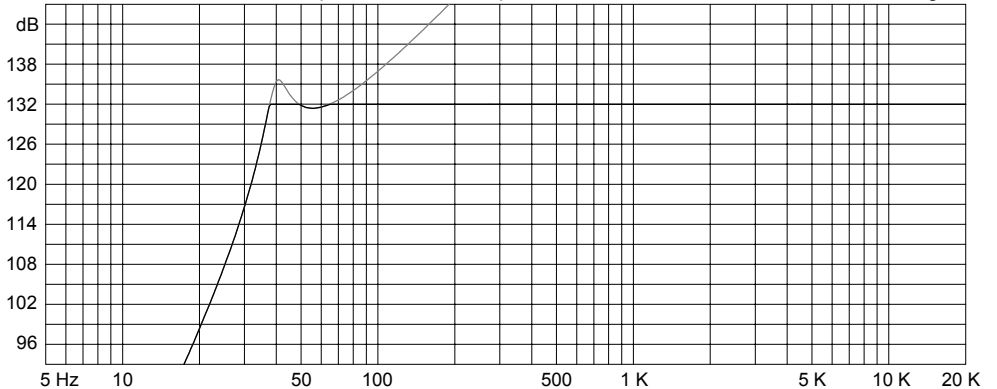
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 1400 watts

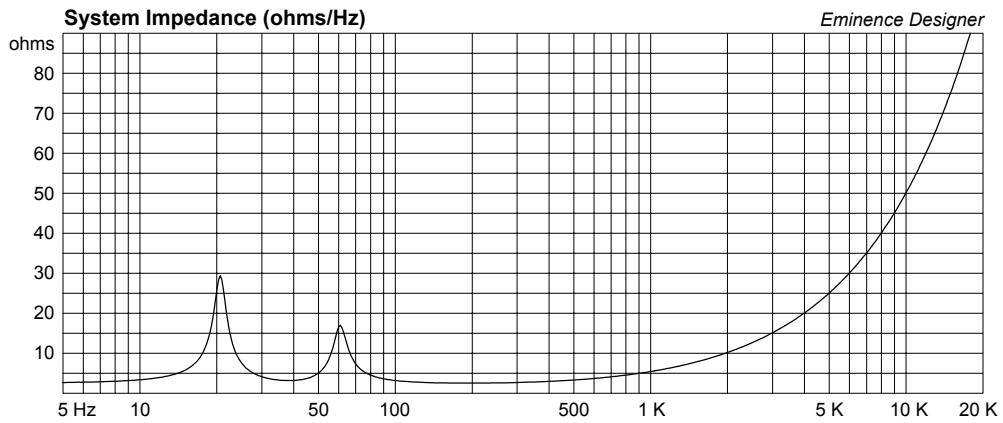
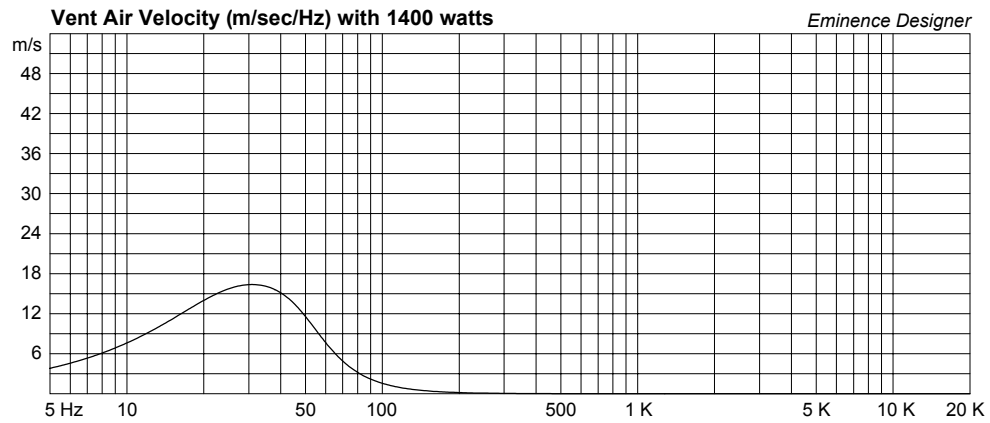
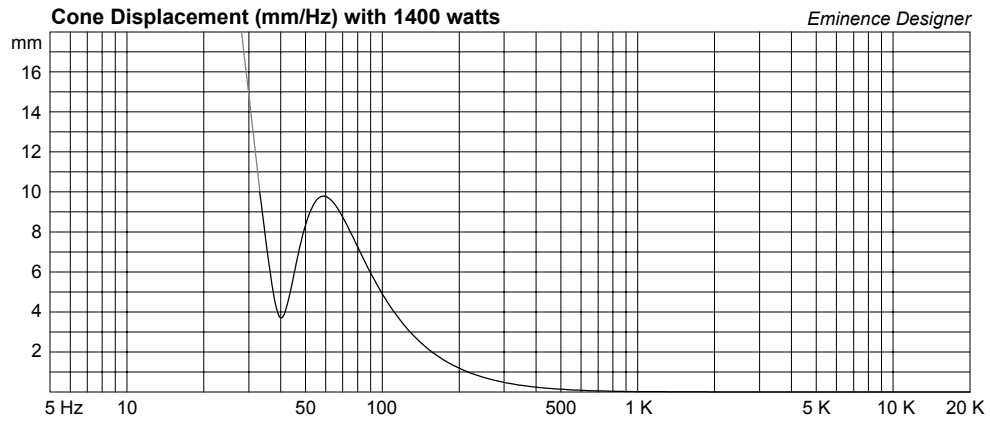
Eminence Designer



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

Eminence Designer





KiloMaxPro 18A Small Classic Double 18

By Jerry McNutt, Eminence Speaker LLC

Limit to 2000 Watts; F3 of 47 Hz. Use a steep high pass filter set to 40 Hz to protect your woofer. Place ports symmetrically about woofer.



Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 9 cu.ft

V(total) = 10.4 cu.ft

Fb = 48 Hz

QL = 7

F3 = 46.79 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = other

Vent ends = one flush

Av = 33.89 sq.in

Lv = 9.034 in

Driver Properties

--Description--

Name: KiloMax Pro 18A

Type: Standard one-way driver

Comment: Updated Nov 2008

--Configuration--

No. of Drivers = 2

Mounting = Standard

Wiring = Parallel

Drivers sum coherently = Yes

--Driver Parameters--

Fs = 31.73 Hz

Qms = 10.15

Vas = 11.71 cu.ft [23.41]

Xmax = 0.394 in

Sd = 179.6 sq.in [359.3]

Qes = 0.49

Re = 5.07 ohms [2.535]

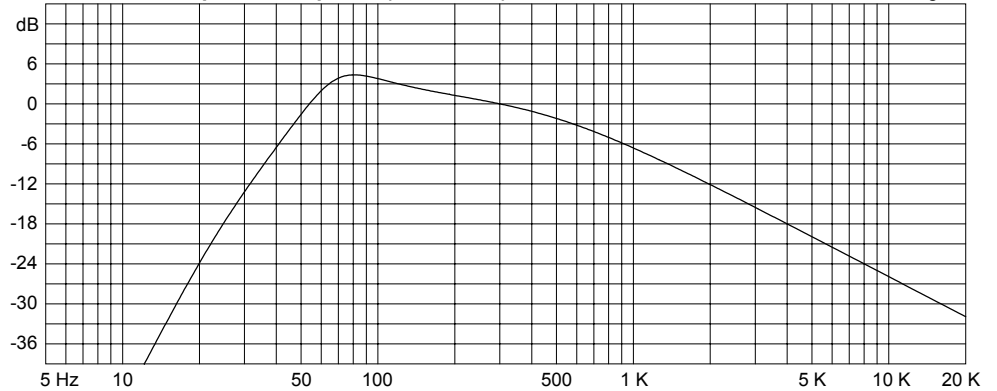
Le = 1.59 mH [0.795]

Z = 8 ohms [4]

Pe = 1250 watts [2500]

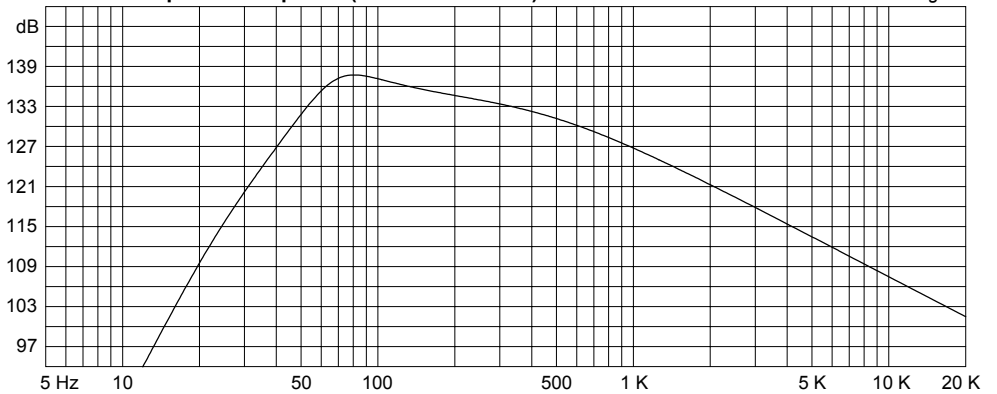
Normalized Amplitude Response (dB-SPL/Hz)

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Custom Amplitude Response (dB-SPL/Hz at 1 m) with 2000 watts

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

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