

# Delta Pro-18C Large Vented Subwoofer

By Jerry McNutt, Eminence Speaker LLC

Limit to 400 Watts; F3 of 35 Hz. Use steep high pass at 30 Hz.



## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 10 cu.ft

V(total) = 10.45 cu.ft

Fb = 35 Hz

QL = 7

F3 = 35.06 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 5.845 in

## Driver Properties

--Description--

Name: Delta Pro-18C

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Long Throw Sub Driver

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 27.23 Hz

Qms = 13.24

Vas = 17.46 cu.ft

Xmax = 0.264 in

Sd = 184.1 sq.in

Qes = 0.32

Re = 3.75 ohms

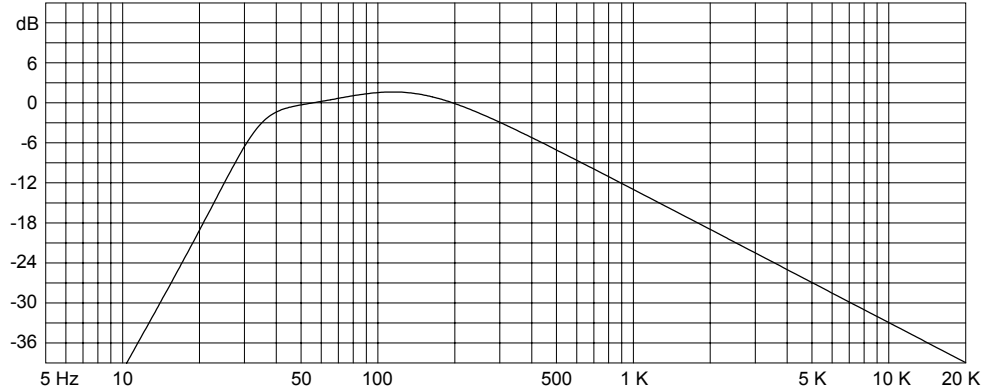
Le = 2.65 mH

Z = 4 ohms

Pe = 500 watts

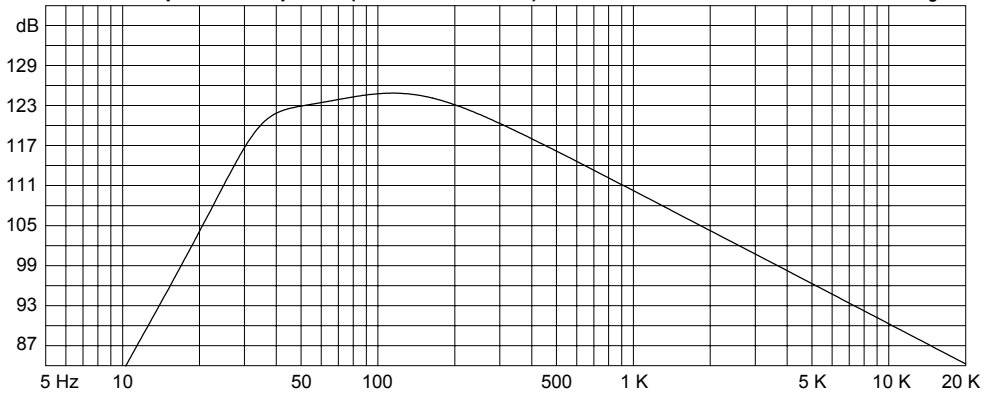
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



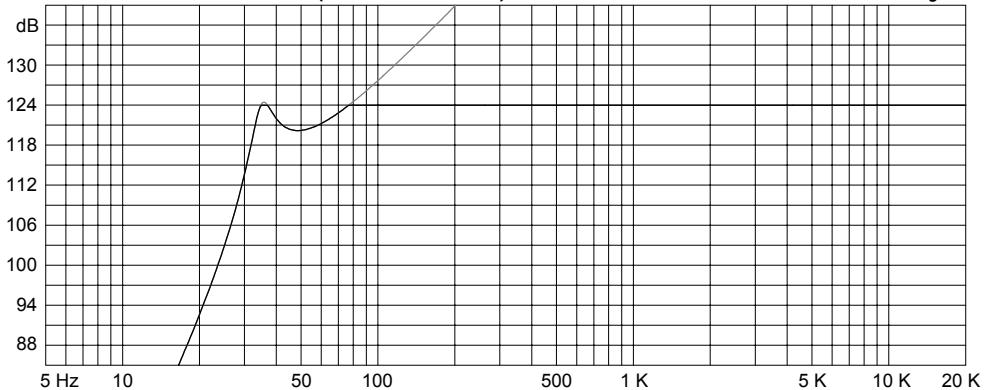
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 400 watts

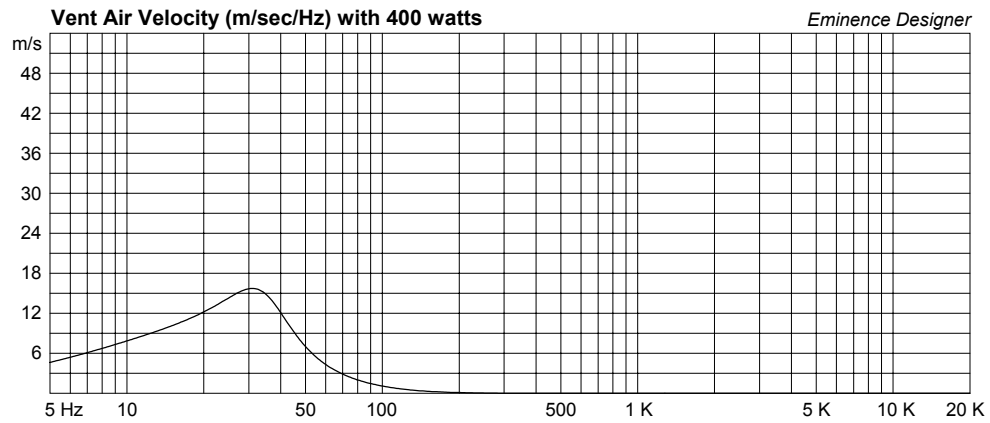
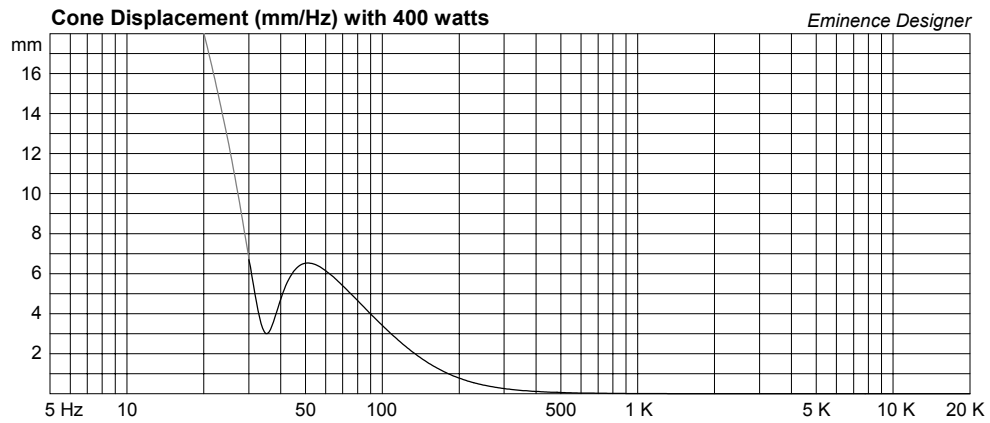
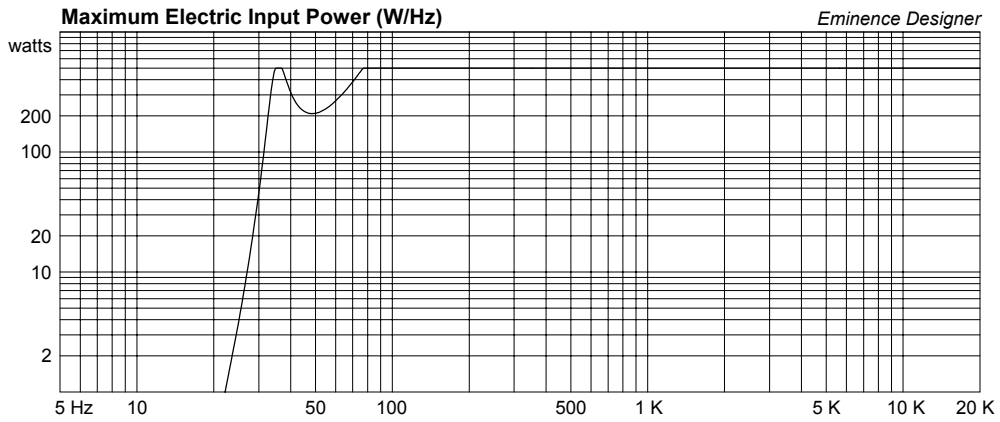
Eminence Designer

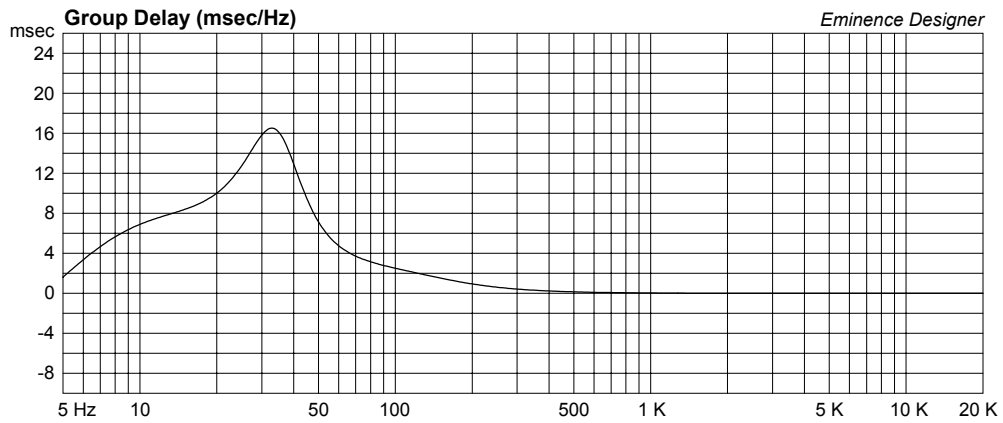
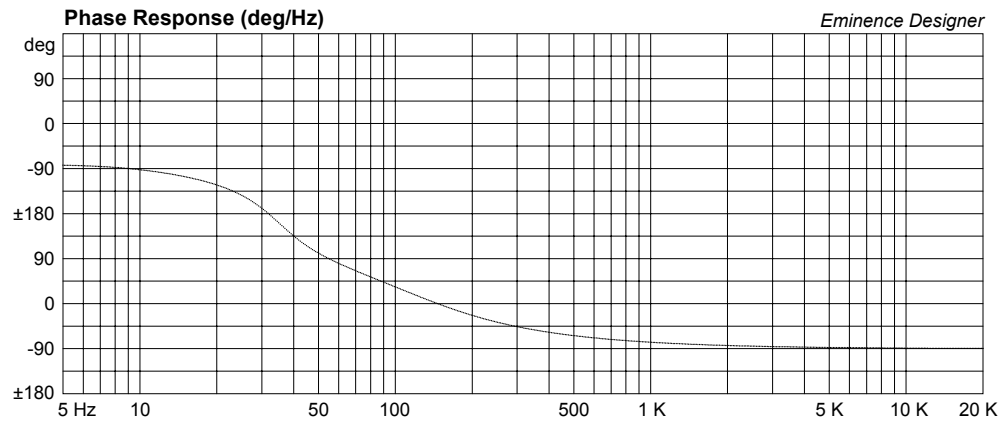
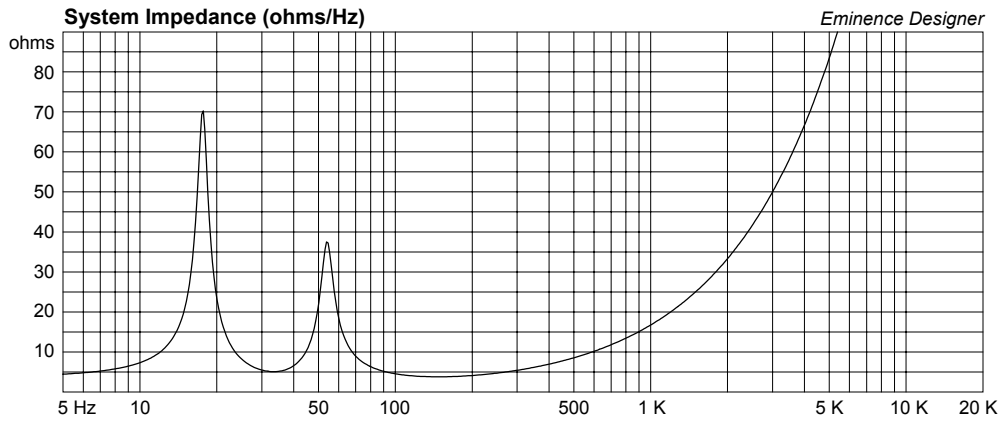


Maximum Acoustic Power (dB-SPL/Hz at 1 m)

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# Delta Pro-18C Med Vented Subwoofer Cabinet

By Jerry McNutt, Eminence Speaker LLC

Limit to 500 Watts; F3 of 49 Hz. Use steep high pass at 35 Hz.



## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 4.6 cu.ft

V(total) = 5.17 cu.ft

Fb = 45 Hz

QL = 7

F3 = 48.63 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 9.469 in

## Driver Properties

--Description--

Name: Delta Pro-18C

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Long Throw Sub Driver

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 27.23 Hz

Qms = 13.24

Vas = 17.46 cu.ft

Xmax = 0.264 in

Sd = 184.1 sq.in

Qes = 0.32

Re = 3.75 ohms

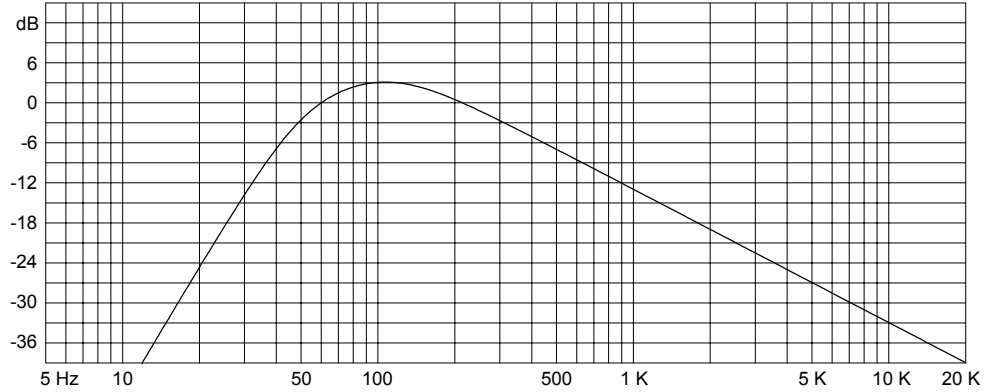
Le = 2.65 mH

Z = 4 ohms

Pe = 500 watts

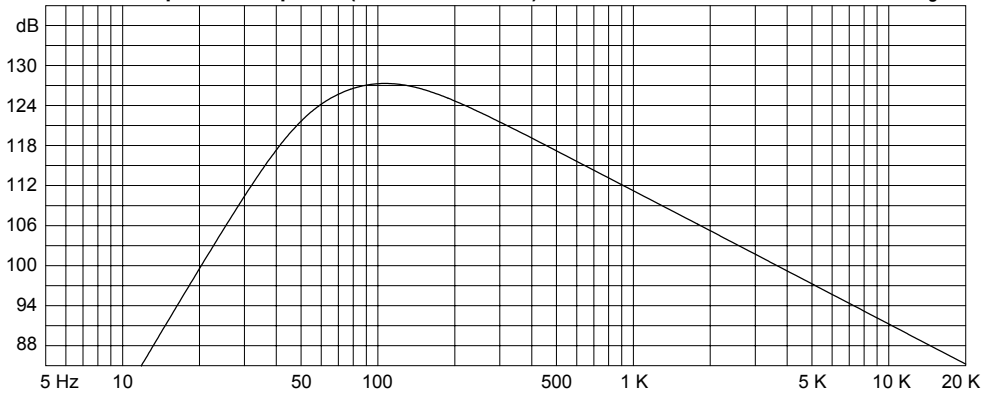
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



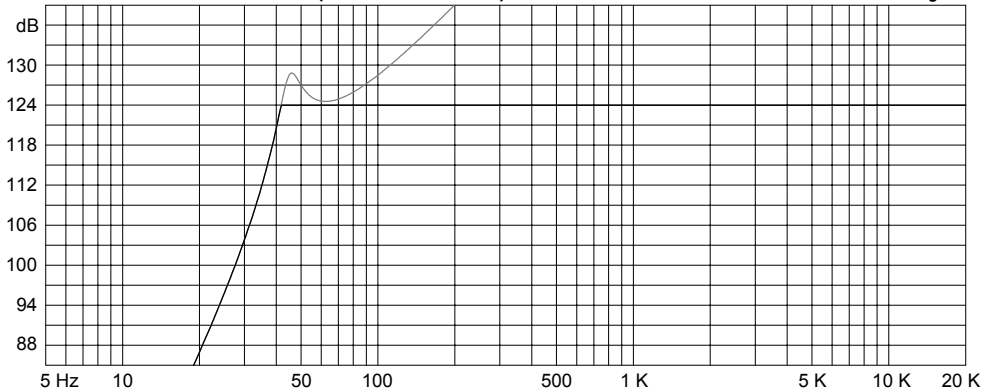
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 500 watts

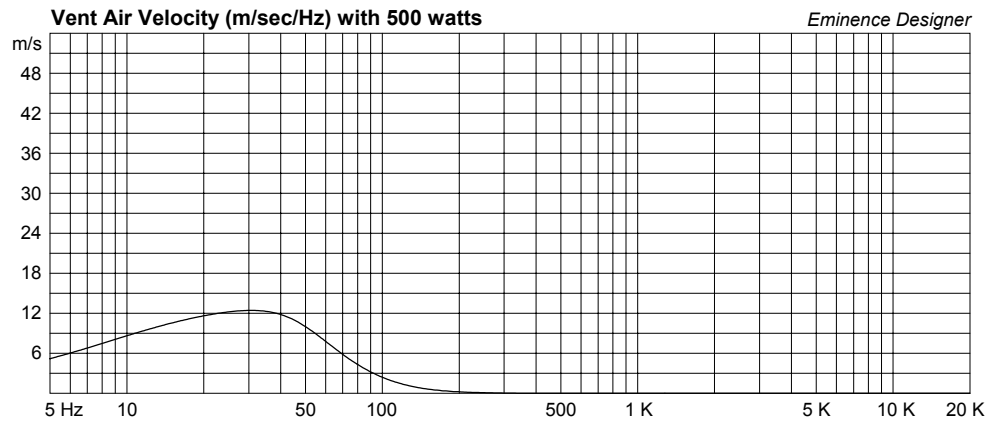
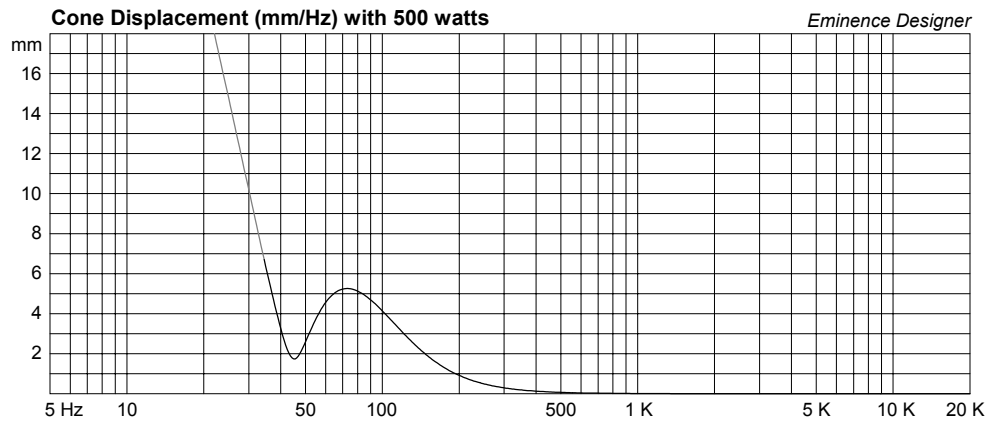
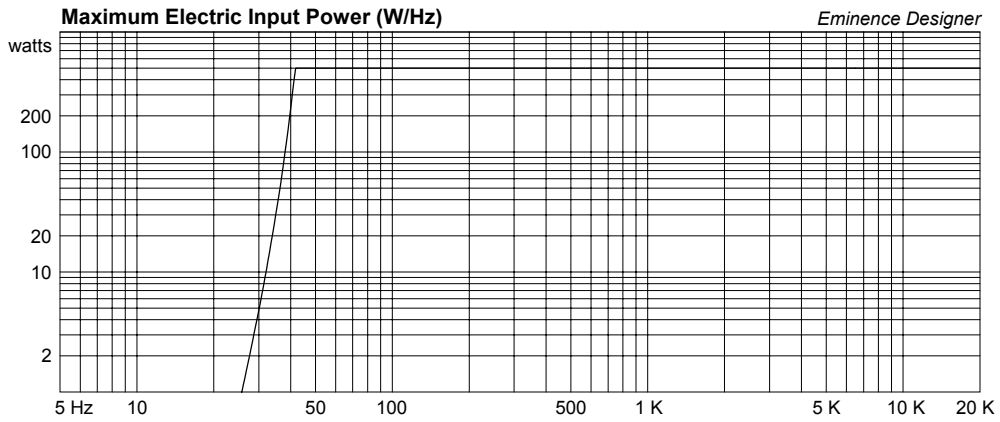
Eminence Designer

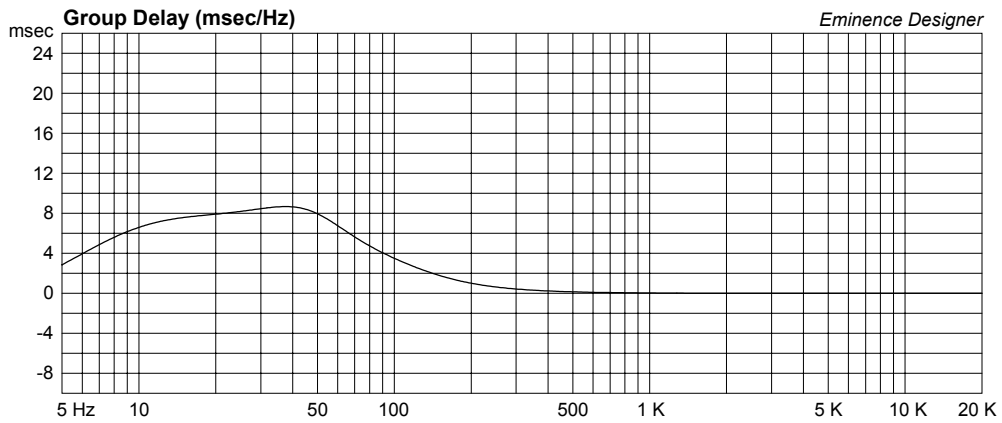
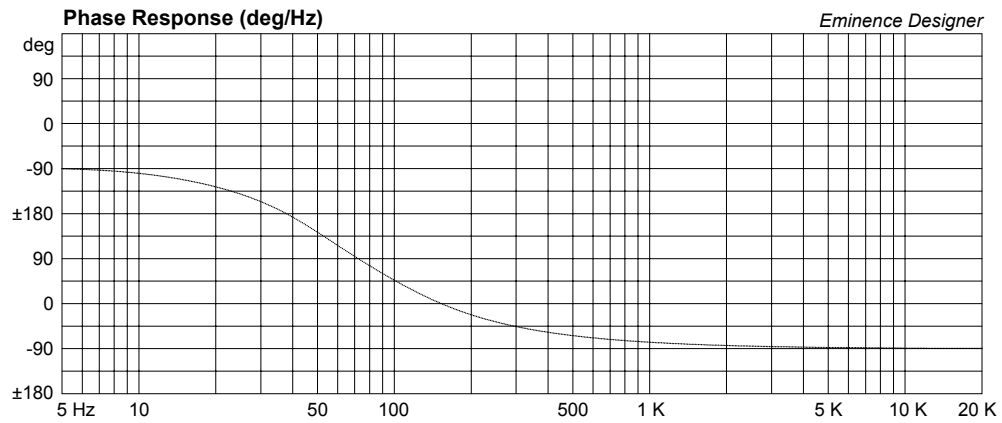
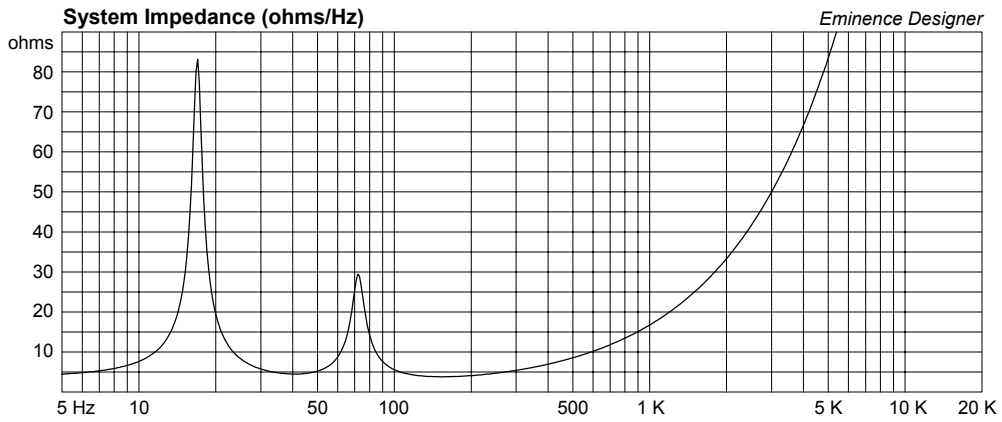


Maximum Acoustic Power (dB-SPL/Hz at 1 m)

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# Delta Pro-18C Subwoofer Cabinet

By Jerry McNutt, Eminence Speaker LLC  
Limit to 500 Watts; F3 of 44 Hz. Use steep high pass at 35 Hz.



## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 6 cu.ft

V(total) = 6.454 cu.ft

Fb = 45 Hz

QL = 7

F3 = 44.07 Hz

Fill = minimal

--Vents--

No. of Vents = 4

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 5.939 in

## Driver Properties

--Description--

Name: Delta Pro-18C

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Long Throw Sub Driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 27.23 Hz

Qms = 13.24

Vas = 17.46 cu.ft

Xmax = 0.264 in

Sd = 184.1 sq.in

Qes = 0.32

Re = 3.75 ohms

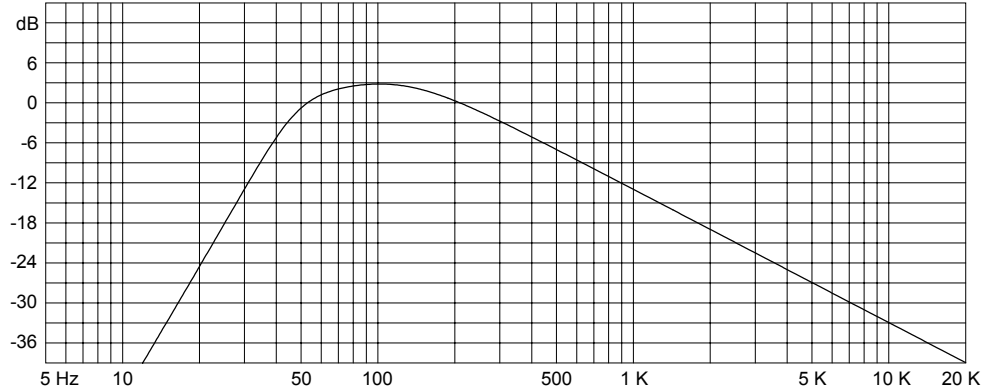
Le = 2.65 mH

Z = 4 ohms

Pe = 500 watts

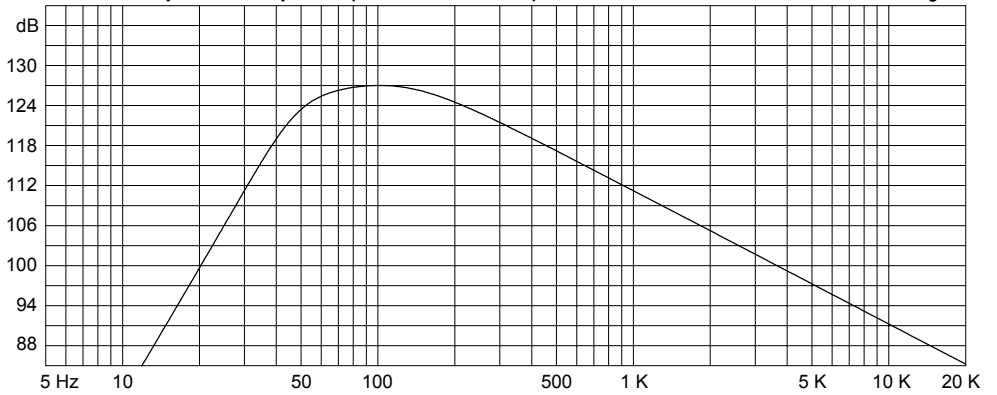
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



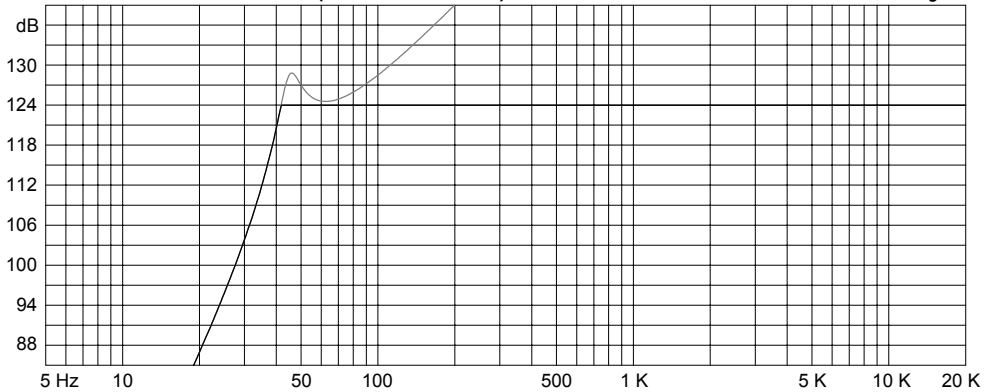
Custom Amplitude Response (dB-SPL/Hz at 1 m) with 500 watts

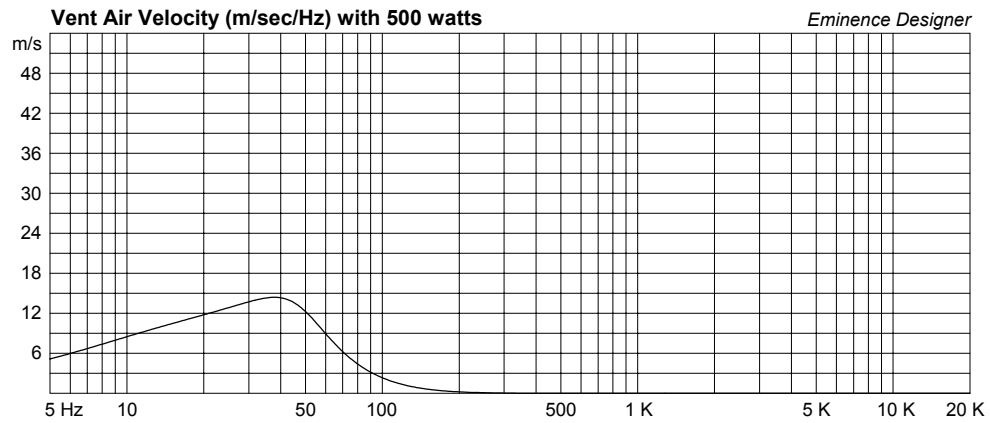
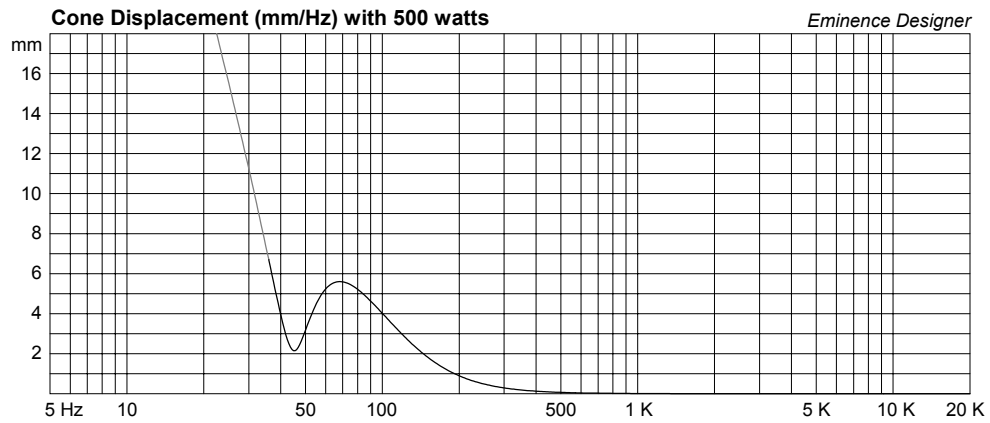
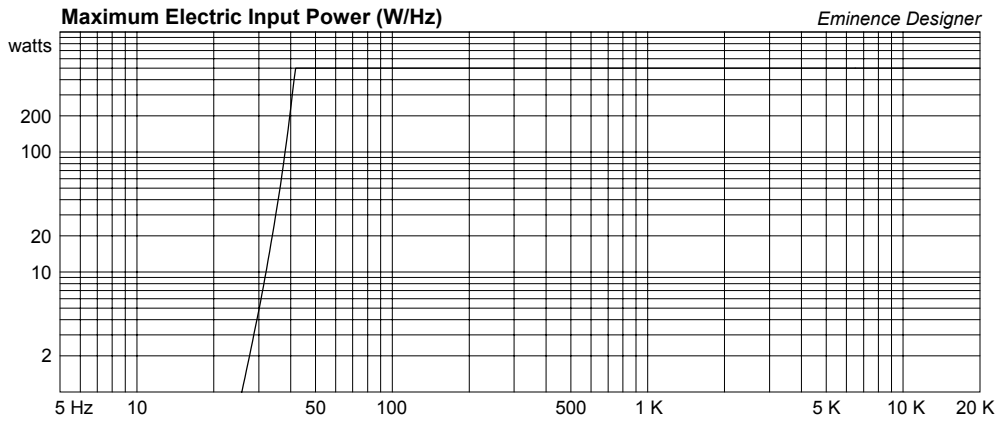
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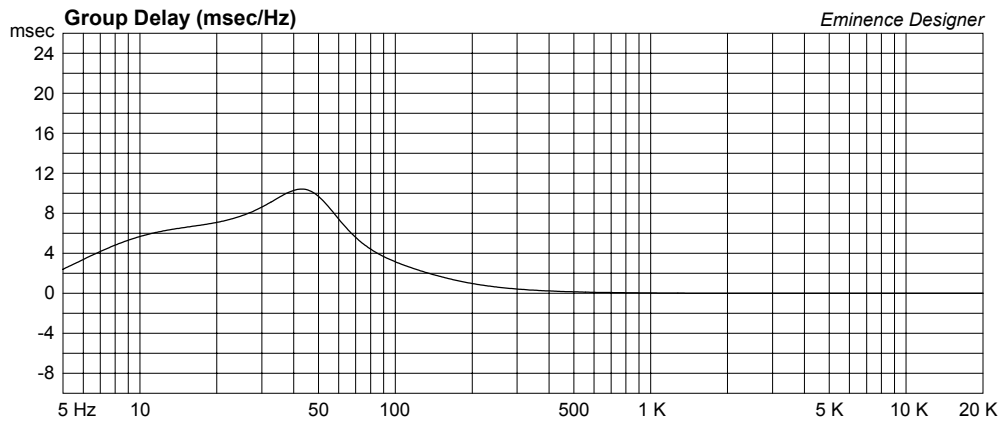
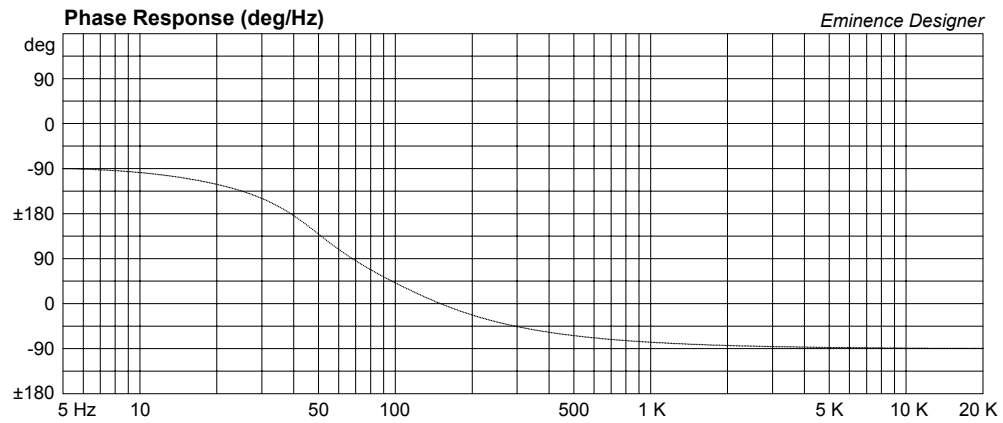
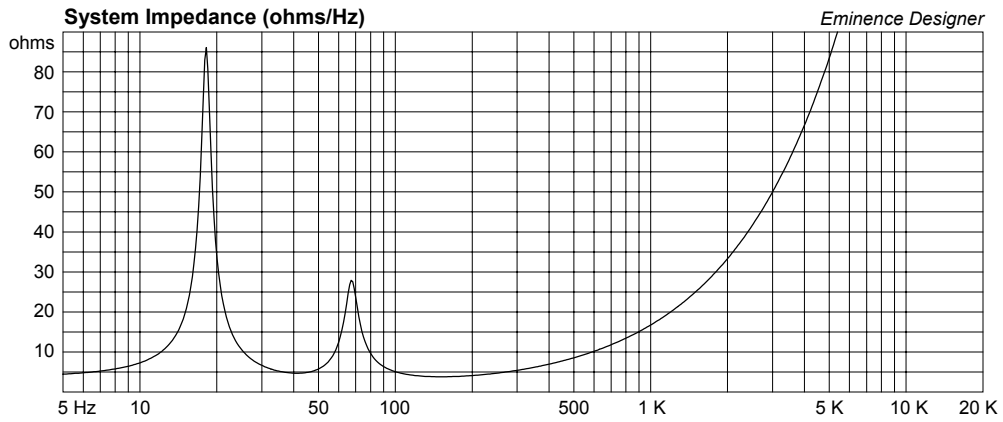
Maximum Acoustic Power (dB-SPL/Hz at 1 m)

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# Delta Pro-18C Small Vented Woofer Box

By Jerry McNutt, Eminence Speaker LLC

Limit to 500 Watts; F3 of 61 Hz. Use steep high pass at 40 Hz.



## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.7 cu.ft

V(total) = 3.034 cu.ft

Fb = 55 Hz

QL = 7

F3 = 61.39 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 3.869 in

## Driver Properties

--Description--

Name: Delta Pro-18C

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Long Throw Sub Driver

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 27.23 Hz

Qms = 13.24

Vas = 17.46 cu.ft

Xmax = 0.264 in

Sd = 184.1 sq.in

Qes = 0.32

Re = 3.75 ohms

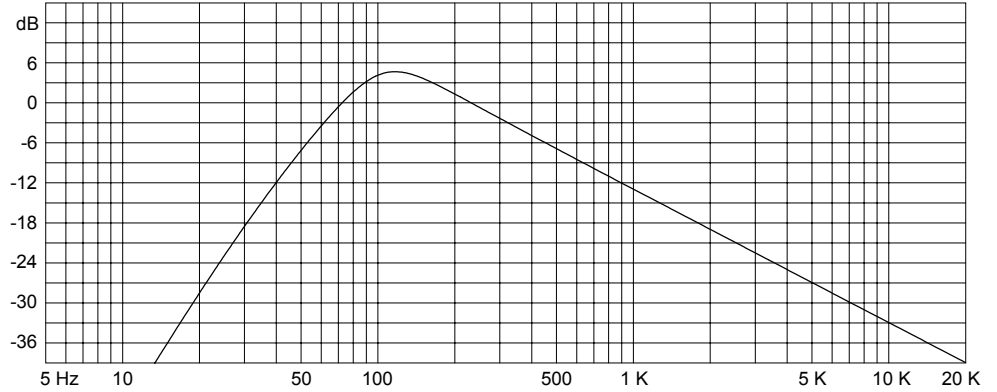
Le = 2.65 mH

Z = 4 ohms

Pe = 500 watts

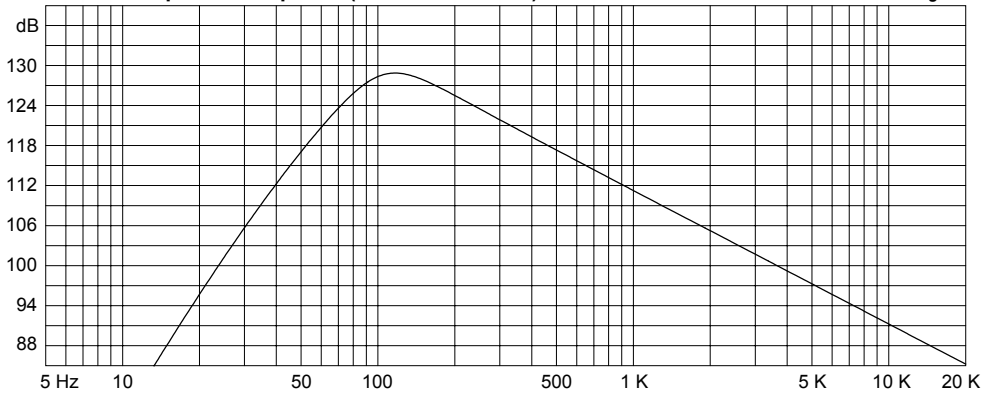
Normalized Amplitude Response (dB-SPL/Hz)

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Custom Amplitude Response (dB-SPL/Hz at 1 m) with 500 watts

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

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