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: Vented Box
Type: 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)

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

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

Cone Displacement (mm/Hz) with 400 watts

Vent Air Velocity (m/sec/Hz) with 400 watts
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: Delta Pro-18C Med Vented Subwoofer Cabinet
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)

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

Maximum Acoustic Power (dB-SPL/Hz at 1 m)
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: Delta Pro-18C
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)

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

Maximum Acoustic Power (dB-SPL/Hz at 1 m)
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: Delta Pro-18C Small 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)

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

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