

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Name: XP-12X

Fs: 31.38 Qts: 0.586 Vas: 2.537

Xmax: 0.433 Znom: 4.000 Pe: 300

SPL: 87.00 Qty: 1

XC0804S
XC0804S
XC0804S
XC1204S
XP-12X
XtAnt A104.10
XtAnt A122.12
XtAnt A124.12
XtAnt A152.15
XtAnt A154.15
XtAnt A84.8

Application Suitability

Sealed: 39
Vented: 49
Bandpass 4: 39
Bandpass 6: 49

5.236 12.00

Add Copy Delete Metric Print PCX

File Options About

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Back Chamber Front Chamber

Volume: 1.450 Vent Air Velocity: 14.53% Mach Percentage

Tuning: 29.00

Vent Qty: 1.000

Vent Type: Aeroport, Circular, Rectangular

Front View Side View

Area (in²): 7.060

Inside Diameter (in): 3.000

Tube Length (in): 10.30

Metric Print PCX

File Options About

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Back Chamber Front Chamber

Volume: 1.472 Vent Air Velocity: 14.53% Mach Percentage

Tuning: 29.00

Vent Qty: 1.000

Vent Type: Aeroport, Circular, Rectangular

Front View Side View

Area (in²): 7.060

Inside Diameter (in): 3.000

Tube Length (in): 10.06

Metric Print PCX

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Back Chamber Front Chamber Profile Score

Volume: 1.050 Volume: 0.000

Q: 0.793 Tuning: 0.000

F3Hp: 38 Fo: 42 F3Lp: 0 Initial Design: Purist Normal Boomer MaxFlat

Sealed Score Plot

Generator Start Power: 10.00 300

Decades: 1 2 3

Vertical Top: 6.000 3.000

Rel SPL Power Disp L Axis R Axis

Graph Grid Xhair Unplot Clear Metric Print PCX

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Back Chamber Front Chamber Profile Score

Volume: 1.450 Volume: 0.000

Tuning: 29.00 Tuning: 0.000

F3Hp: 27 Fo: 0 F3Lp: 0 Initial Design: Purist Normal Boomer MaxFlat

Vented Score Plot

Generator Start Power: 10.00 300

Decades: 1 2 3

Vertical Top: 6.000 3.000

Rel SPL Power Disp L Axis R Axis

Graph Grid Xhair Unplot Clear Metric Print PCX

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Back Chamber Front Chamber Profile Score

Volume: 1.700 Volume: 1.472

S: 0.650 Tuning: 29.00

F3Hp: 25 Fo: 38 F3Lp: 55 Initial Design: Purist Normal Boomer MaxFlat

Bandpass 4 Score Plot

Generator Start Power: 10.00 300

Decades: 1 2 3

Vertical Top: 6.000 3.000

Rel SPL Power Disp L Axis R Axis

Graph Grid Xhair Unplot Clear Metric Print PCX

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Rectangular Wedge 1 Wedge 2 Bandpass

Back Chamber Volume Design: 1.050

Total Enclosure Volume: 1.188

Front Chamber Volume Design: 0.000

Driver: 0.138 Vent: 0.000 Total: 1.188

Material Thickness: 0.750

Side View Front View

D2 = 7.16 in F = 16.62 in A = 57 H1 = 14.00 in D1 = 16.12 in W = 17.93 in

Golden Calc Tv Find H1 Find H2 Find D1 Find D2 Find D Find W Import Export Metric Print PCX

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Rectangular Wedge 1 Wedge 2 Bandpass

Back Chamber Volume Design: 1.450

Total Enclosure Volume: 1.639

Front Chamber Volume Design: 0.000

Driver: 0.138 Vent: 0.051 Total: 1.639

Material Thickness: 0.750

Side View Front View

D2 = 8.18 in F = 15.63 in A = 60 H1 = 13.50 in D1 = 16.06 in W = 23.99 in

Golden Calc Tv Find H1 Find H2 Find D1 Find D2 Find D Find W Import Export Metric Print PCX

File Options About

Driver Library Profile Box Custom Box Vent Design Wood Design

Rectangular Wedge 1 Wedge 2 Bandpass

Back Chamber Volume Design: 1.700

Total Enclosure Volume: 3.361

Front Chamber Volume Design: 1.472

Driver: 0.138 Vent: 0.000 Total: 1.838

Material Thickness: 0.750

Side View Front View

D1 = 19.50 in W = 20.18 in H1 = 19.50 in Back Chamber Front Chamber

Golden Calc Tv Find H1 Find H2 Find D1 Find D2 Find D Find W Import Export Metric Print PCX