

**Driver Properties**

Name:  
 Type: Standard one-way  
 No. of Drivers = 1  
 $F_s = 36.8$  Hz  
 $Q_{ms} = 7.94$   
 $V_{as} = 164.3$  liters  
 $C_{ms} = 41$   $\mu$ m/N  
 $M_{ms} = 455.4$  g  
 $R_{ms} = 13.29$  kg/s  
 $X_{max} = 15$  mm  
 $X_{mech} = 16$  mm  
 $P_{Dia} = 462.5$  mm  
 $S_d = 1680$  sq.cm  
 $P_{Vd} = 2.52$  liters  
 $Q_{es} = 0.34$   
 $R_e = 3.4$  ohms  
 $L_e = 1.84$  mH  
 $Z = 4.08$  ohms  
 $BL = 32.45$  Tm  
 $P_e = 4000$  watts  
 $Q_{ts} = 0.326$   
 $no = 2.322$  %  
 $1-W$  SPL = 95.81 dB  
 $2.83-V$  SPL = 99.52 dB

**Box Properties**

Name:  
 Type: Bandpass Parallel  
 Shape: Prism, Bandpass  
 with two chambers  
 Chamber 1 - lower-freq.  
 $V_b = 2.407$  cu.ft  
 $F_b = 42.38$  Hz  
 $QL = 6.717$   
 $F_3 = 54.05$  Hz  
 Fill = none  
 No. of Vents = 1  
 Vent shape = round  
 Vent ends = one flush  
 $D_v = 101.6$  mm  
 $L_v = 113.6$  mm  
 $QL_v = 6$   
 Chamber 2 - upper-freq.  
 $V_b = 1.059$  cu.ft  
 $F_b = 105$  Hz  
 $QL = 6.912$   
 $F_3 = 167.2$  Hz  
 Fill = none  
 No. of Vents = 1  
 Vent shape = round  
 Vent ends = one flush  
 $D_v = 152.4$  mm  
 $L_v = 26.84$  mm  
 $QL_v = 6$

Clear

Memory

1 ☐

2 ☐

3 ☐

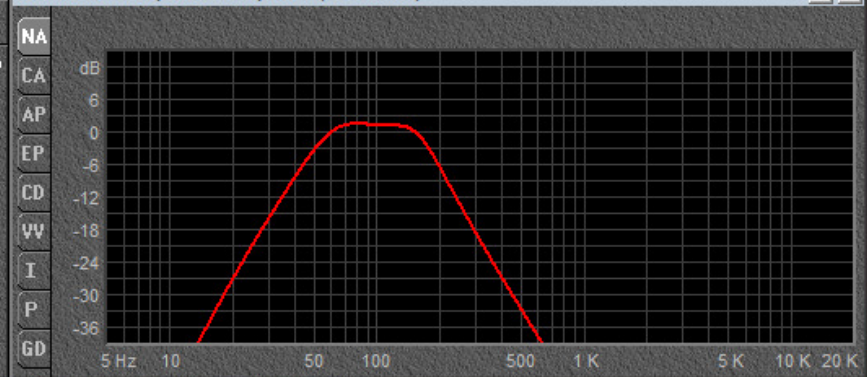
4 ☐

5 ☐

6 ☐

7 ☐

All ☐



**Box Properties - Design 1**

Description **Box Design** Damping Vents Interior Parts List

Type: Bandpass Parallel Double-Tuned Box  Shape: Prism, bandpass Dimensions are: ☒ Internal ☐ External

No. of Chambers: ☒ two ☐ three

LF Chamber(s): ☐ outer ☐ middle

LF-to-HF  $V_b$  Ratio: 2.272 ☐ Lock

HF-to-LF  $F_b$  Ratio: 2.478 ☐ Lock

Bandwidth: 113.1 Hz

Internal Volume ☒ Lock  $V_b$

	chamber 1	chamber 2	
$V_b$ :	2.407	1.059	cu.ft
Total:	2.957	0.816	cu.ft
$F_b$ :	42.38	105	Hz
$QL$ :	6.717	6.912	
$F_3$ :	54.05	167.2	Hz

Dimensions

Outer Wall Thickness:  Inner:  mm

A:  B:  C:  mm

D:  E:  F:  mm

G:  H:  deg