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0 Ohm Imp

Driver Parameters

Driver: WESCOMPONENT HFR100-25-8

Nominal Diameter	D = 4	in
Nominal Power	P = 13	Watts
Sensitivity (1W/1m)	SPL = 83	dB SPL
Free Air Resonance	f(s) = 117	Hz
Total Q	Q(ts) = 1.34	
Electrical Q	Q(es) = 1.847	
Mechanical Q	Q(ms) = 7.23	
Equivalent Volume	V(as) = 0.0519	cu ft
Nominal Impedance	Z = 8	Ohms
DC Resistance	R(e) = 6.4	Ohms
Max Thermal Power	P(t) = 25	Watts
Max Linear Excursion	X(max) = 4	mm
Max Excursion	X(lim) = 6	mm
Voice Coil Diam.	D(vc) = 20	mm

Driver Notes:

System Notes:

Box Parameters

System Type: 4th Order Vented Box

Box Volume	V(B) = 0.14	cu ft
Closed Box Q	Q(tc) = 1.569	
Box Frequency	F(B) = 115	Hz
Vent Surface Area	S(v) = 3.142	sq in
Vent Length	L(v) = 3.131	in
Compliance Ratio	alpha = 0.3707	
Box Loss Q	Q(B) = 7	

System Parameters

No. of Drivers	N = 1	
Isobarik Factor	I = 1	(1=normal, 2=iso)
Input Power	P(in) = 1	Watts
SPL Distance	D = 1	m

ADVANCE STI

160F MARIANO AVENUE
PASIG CITY
PHILIPPINES

TEL NO: 6456639

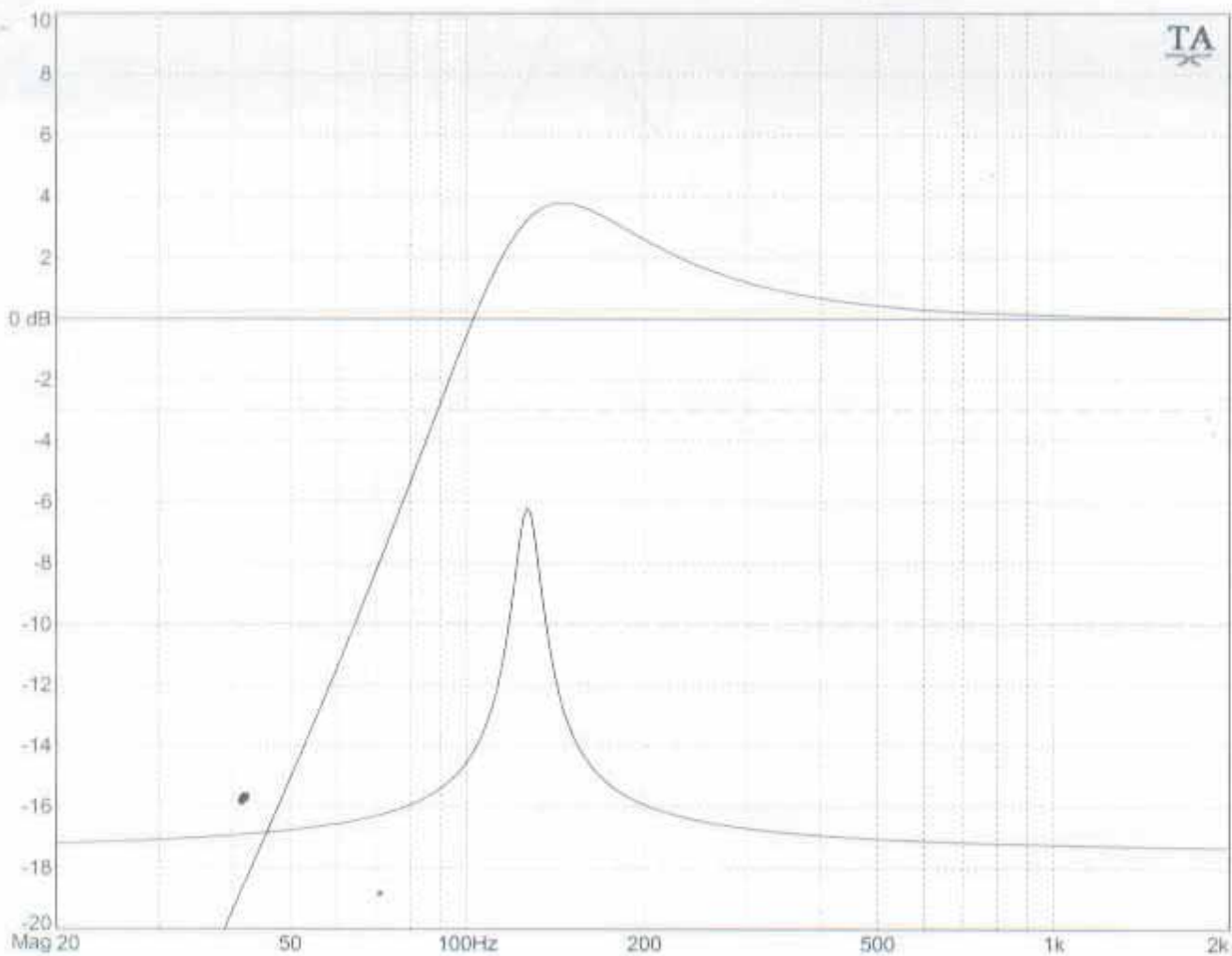
System Name:

4th Order Vented Box

Designer: RANDY MANGOSING
Title: PRODUCT DEVELOPER

Rev Date:

Rev:



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Driver Parameters

Driver: **WESCOMPONENT HFR100-25-8**

Nominal Diameter	D = 4	in
Nominal Power	P = 13	Watts
Sensitivity (1W/1m)	SPL = 83	dB SPL
Free Air Resonance	f(s) = 117	Hz
Total Q	Q(ts) = 1.34	
Electrical Q	Q(es) = 1.647	
Mechanical Q	Q(ms) = 7.23	
Equivalent Volume	V(as) = 0.0519	cu ft
Nominal Impedance	Z = 8	Ohms
DC Resistance	R(e) = 6.4	Ohms
Max Thermal Power	P(t) = 25	Watts
Max Linear Excursion	X(max) = 4	mm
Max Excursion	X(lim) = 6	mm
Voice Coil Diam.	D(vc) = 20	mm

Driver Notes:

System Notes:

Box Parameters

System Type: **2nd Order Closed Box**

Box Volume	V(B) = 0.3	cu ft
Closed Box Q	Q(tc) = 1.451	
System Resonance	F(sc) = 126.7	Hz
Compliance Ratio	alpha = 0.173	

System Parameters

No. of Drivers	N = 1	
Isobarik Factor	I = 1	(1=normal, 2=iso)
Input Power	P(in) = 1	Watts
SPL Distance	D = 1	m

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TEL NO: 6456639

System Name:

2nd Order Closed Box

Designer: **RANDY MANGOSING**
Title: **PRODUCT DEVELOPER**

Rev. Date:

Rev: