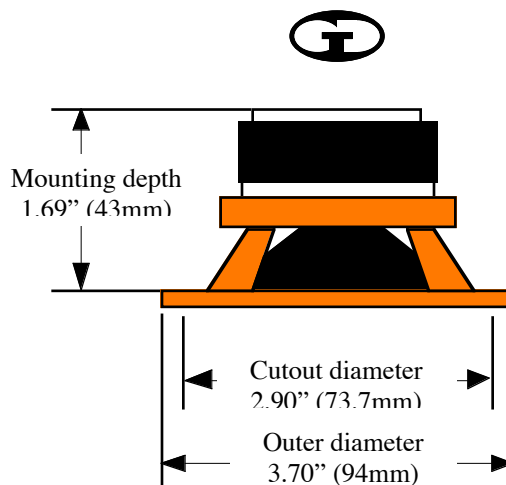


Specifications

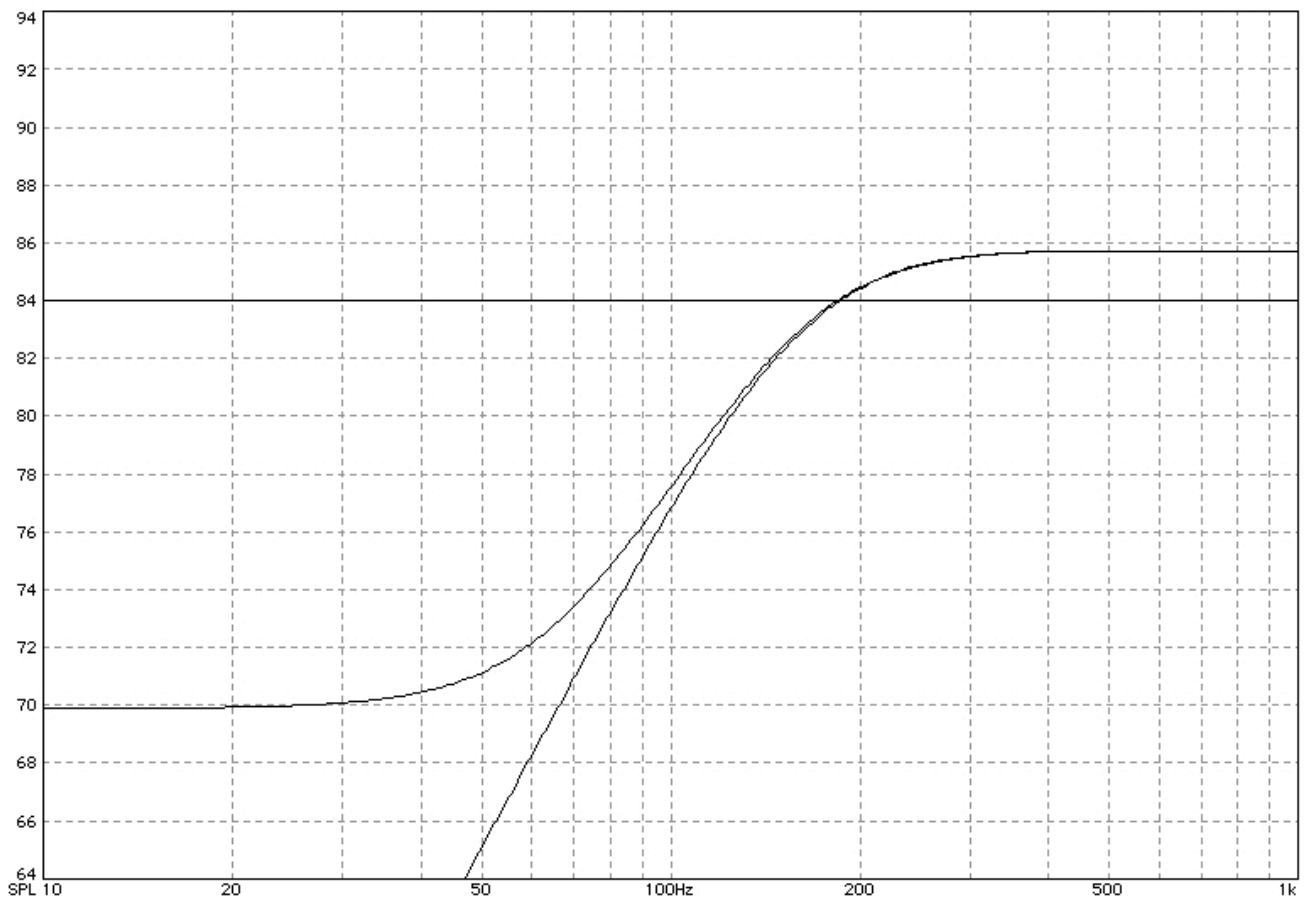
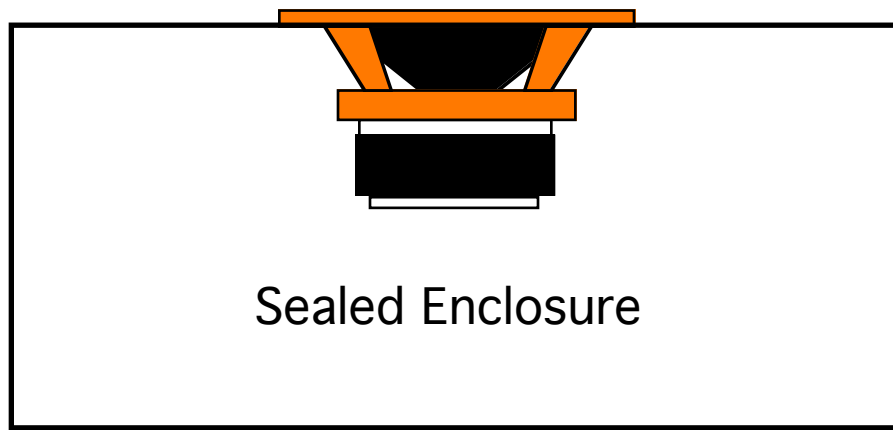
Diameter:	3.0" (76mm)
Sensitivity:	85.7 dB
Power Handling:	30 WRMS (50W Pk)
Frequency Response:	119 ~ 11,000 Hz
Nominal Impedance:	4 Ohms
Voice Coil Diameter:	0.8" (20mm)
Peak Xmax:	5mm
Magnet Weight:	7.2 Oz
Surround	Rubber
Frame	Cast
Cone	Fiberglass



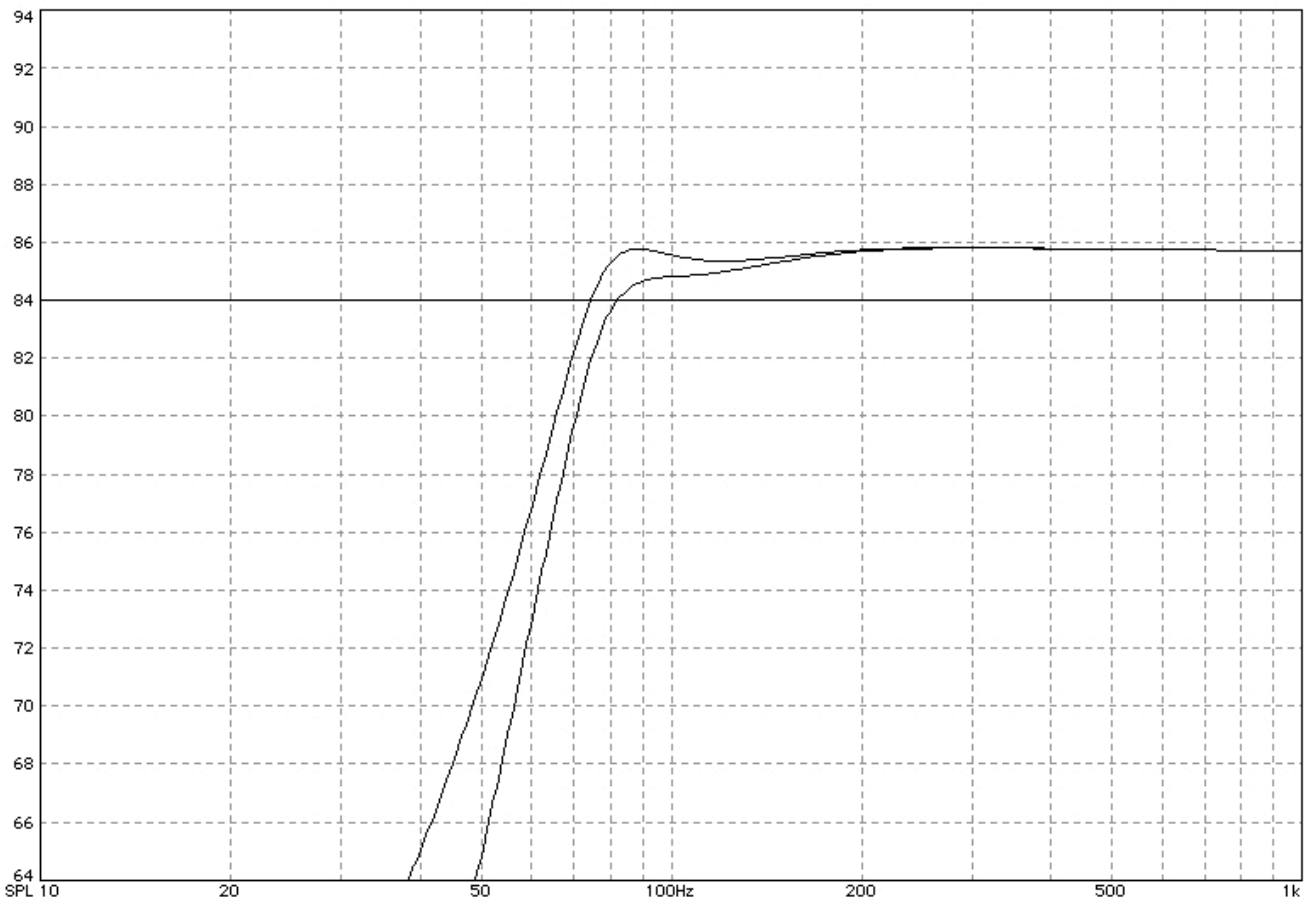
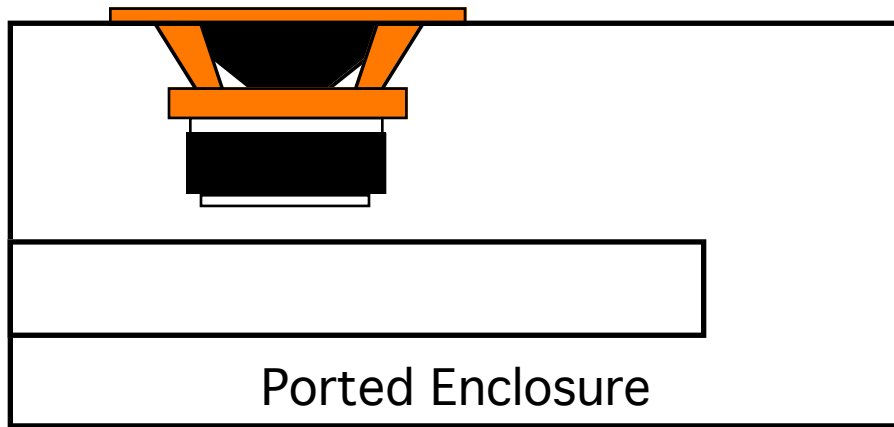
Decorative Bezel is 4.125" diameter and 0.625" deep with four 0.175" diameter mounting holes on 3.375" diameter mounting circle

Thiele-Small Parameters

Free Air Resonance:	119 Hz
Voice Coil DC Resistance:	3.1 ohms
Voice Coil Inductance @ 1 kHz:	0.108 mH
Mechanical Q (Q_{ms}):	2.05
Electrical Q (Q_{es}):	0.725
Total Q (Q_{ts}):	0.536
Compliance Volume (V_{as}):	1.02L; 0.036 ft³
Moving mass, Diaphragm:	2.86 Gr
Motor Force Factor:	3.03 Tm



**Sealed Box Response - optimal size enclosure.
0.04 cubic feet excluding driver displacement
Upper response (20Hz) corrected for medium sedan – 66Hz.**



Ported Box for ideal installed response:
0.085 cubic feet excluding driver and port tube displacement
85Hz port frequency, 2.7" long by 1" inner diameter port tube
Tube flared at both ends is recommended.
Upper response (50Hz) corrected for medium sedan – 66Hz.

SPL vs Freq



Map

6: ES-03 曲线 2006.12.20

备注

Data Measured: Dec 20, 2006 Wed 9:19 am

LMS

4.5.0.331
软件/15/2003

个人:
公司:

工程:
文件:ES-03-2006-12-17.Hb

Feb 14, 2007
Wed 10:45 am

LINEAR X
S Y S T E M S