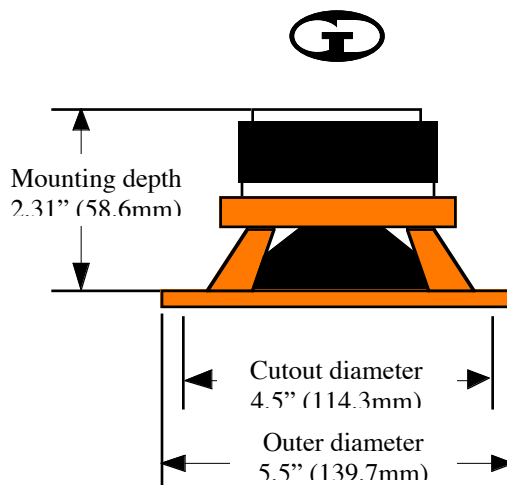


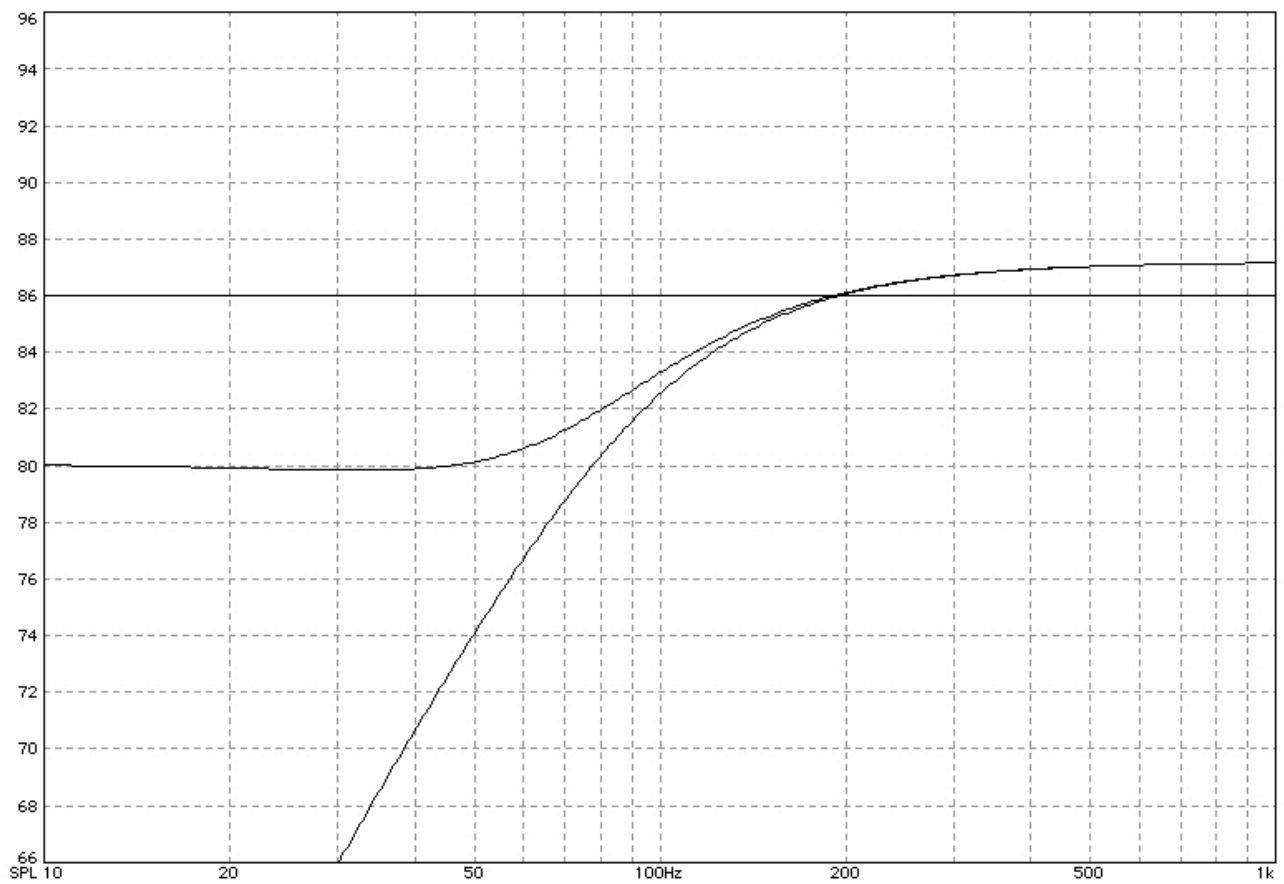
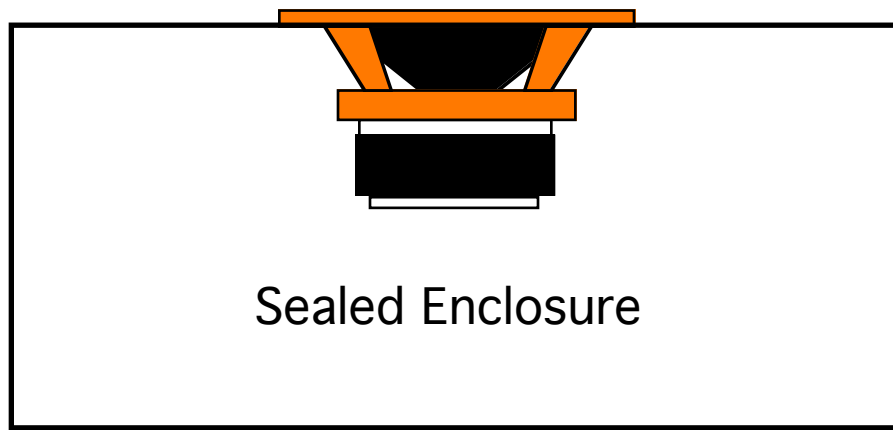
Specifications

Diameter:	5.25" (130mm)
Sensitivity:	87.2 dB
Power Handling:	50 WRMS (100W Pk)
Frequency Response:	50 ~ 8000 Hz
Nominal Impedance:	4 Ohms
Voice Coil Diameter:	1.0" (25mm)
Peak Xmax:	4mm
Magnet Weight:	16 Oz
Surround	Rubber
Frame	Cast
Cone	Fiberglass

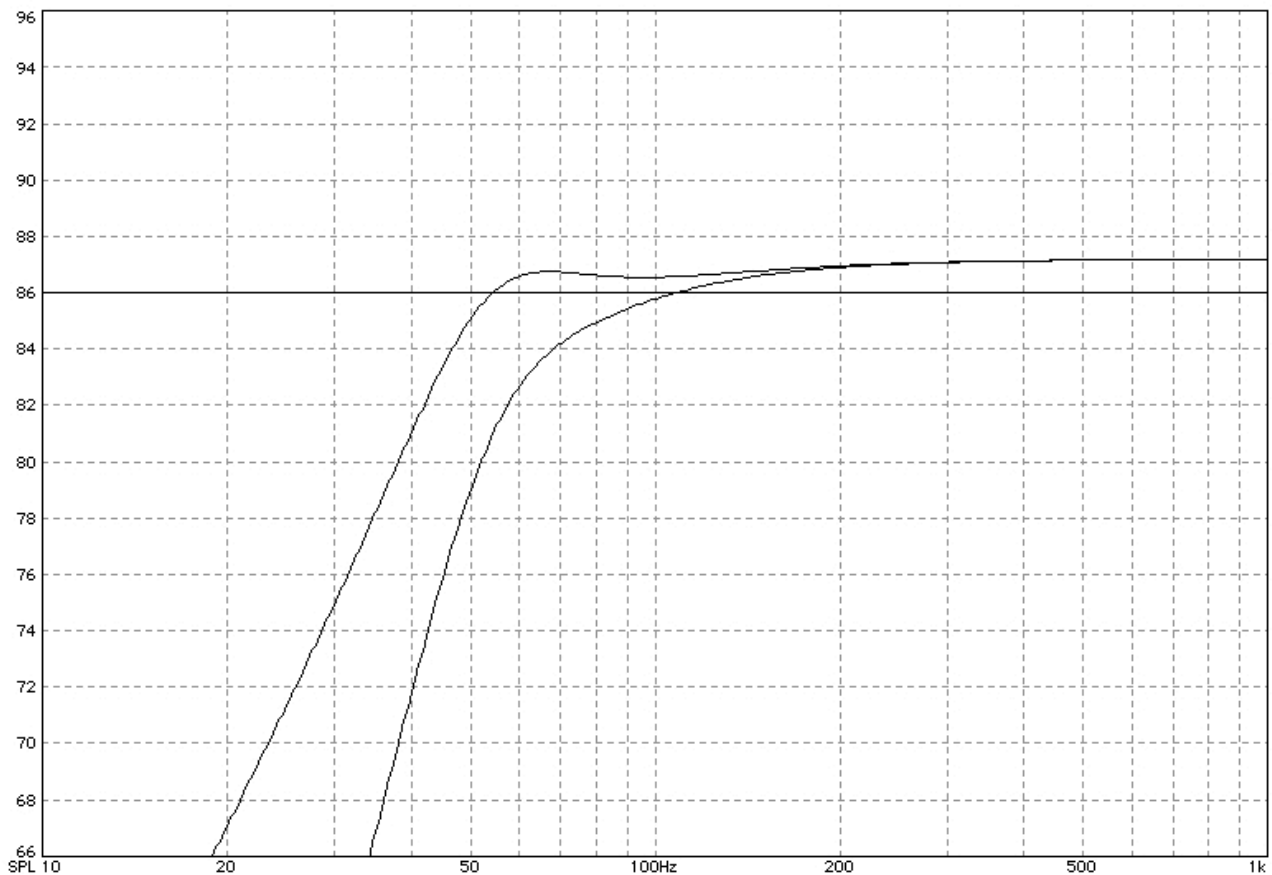
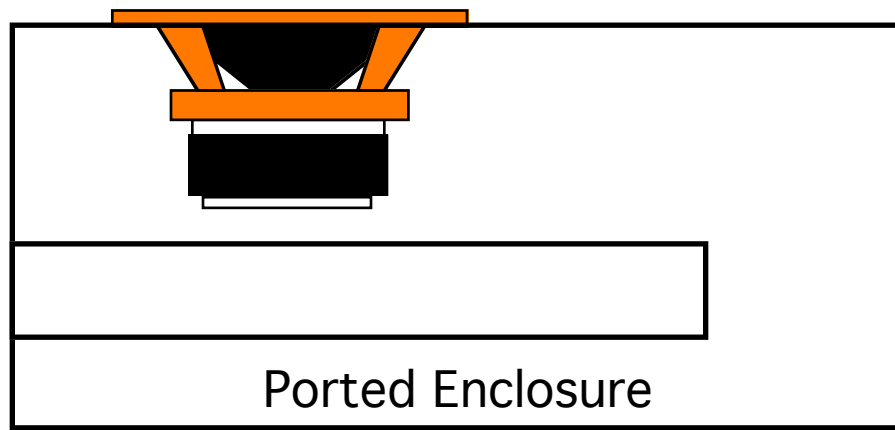


Thiele-Small Parameters

Free Air Resonance:	73 Hz
Voice Coil DC Resistance:	3.1 ohms
Voice Coil Inductance @ 1 kHz:	0.18 mH
Mechanical Q (Q_{ms}):	2.55
Electrical Q (Q_{es}):	0.513
Total Q (Q_{ts}):	0.427
Compliance Volume (V_{as}):	4.41L; 0.155
ft³	
Moving mass, Diaphragm:	8.45 Gr
Motor Force Factor:	5.07 Tm



**Sealed Box Response optimal volume for sedan as below.
0.18 cubic feet excluding driver displacement
Upper response (20Hz) corrected for medium sedan – 66Hz.**



Ported Box for ideal installed response:
0.18 cubic feet excluding driver and port tube displacement
Approx .05 cubic feet should be allowed typically for both.
60Hz port frequency, 6.3" long by 1.5" inner diameter port tube
Tube flared at both ends is recommended.
Upper response (50Hz) corrected for medium sedan – 66Hz.

SPL vs Freq

