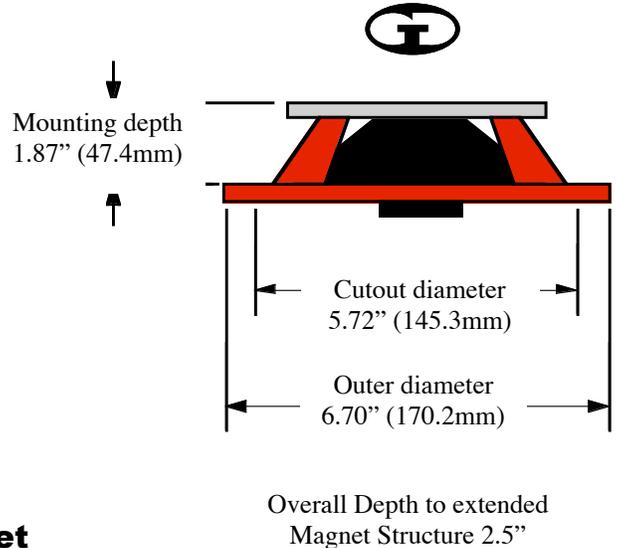


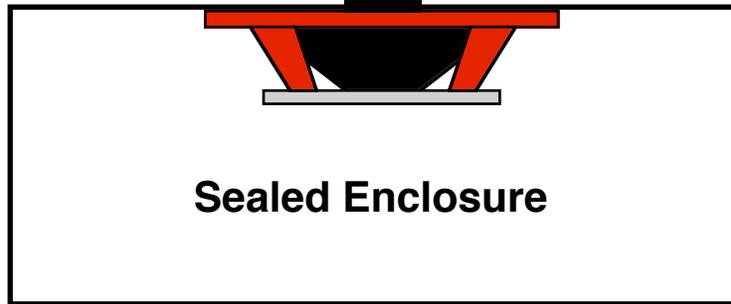
**Specifications**

<b>Diameter:</b>	<b>6.5" (170mm)</b>
<b>Sensitivity:</b>	<b>92.1 dB</b>
<b>Power Handling:</b>	<b>100 WRMS (200W Pk)</b>
<b>Frequency Response:</b>	<b>53 ~ 5000 Hz</b>
<b>Nominal Impedance:</b>	<b>4 Ohms</b>
<b>Voice Coil Diameter:</b>	<b>1.5" (38mm)</b>
<b>Peak Xmax:</b>	<b>6mm</b>
<b>Magnet Weight:</b>	<b>Neodymium</b>
<b>Surround</b>	<b>Rubber</b>
<b>Frame</b>	<b>Cast – Inverted Magnet</b>
<b>Cone</b>	<b>Fiberglass</b>

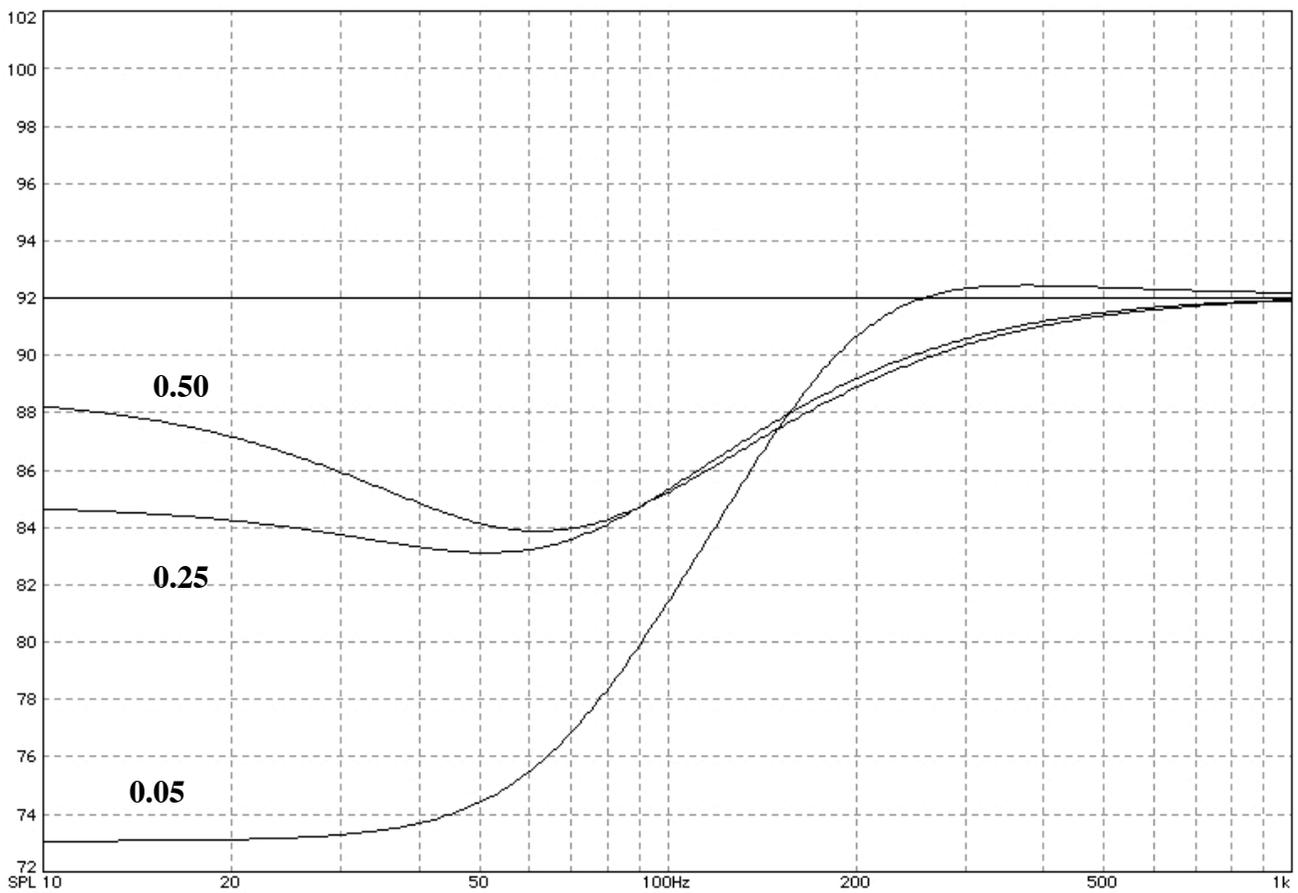


**Thiele-Small Parameters**

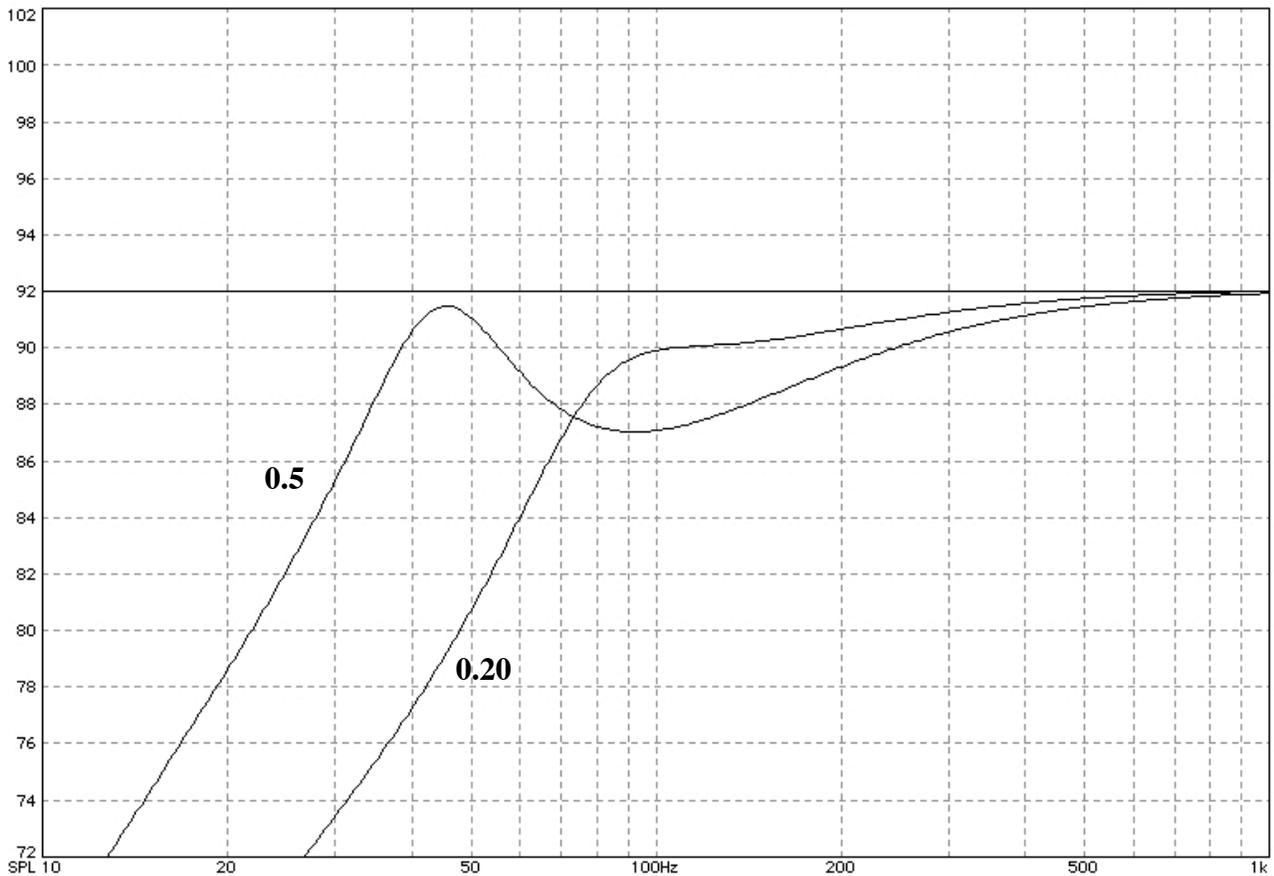
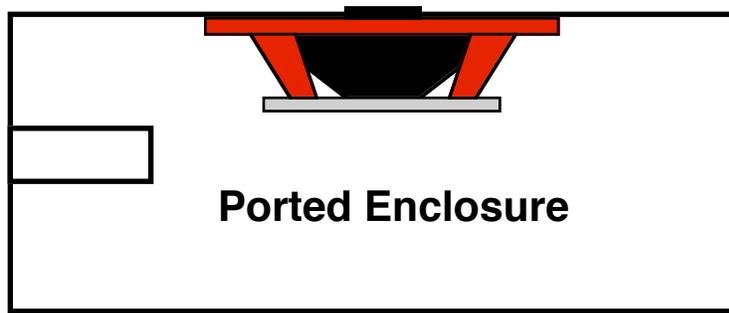
<b>Free Air Resonance:</b>	<b>53 Hz</b>
<b>Voice Coil DC Resistance:</b>	<b>3.0 ohms</b>
<b>Voice Coil Inductance @ 1 kHz:</b>	<b>0.2 mH</b>
<b>Mechanical Q (<math>Q_{ms}</math>):</b>	<b>1.58</b>
<b>Electrical Q (<math>Q_{es}</math>):</b>	<b>0.262</b>
<b>Total Q (<math>Q_{ts}</math>):</b>	<b>0.225</b>
<b>Compliance Volume (<math>V_{as}</math>):</b>	<b>17.94; 0.633 ft<sup>3</sup></b>
<b>Moving mass, Diaphragm:</b>	<b>13.3 Gr</b>
<b>Motor Force Factor:</b>	<b>7.17 Tm</b>



**Sealed Enclosure**



**Sealed Box Response optimal volume for sedan as below.  
 0.05,0.25 and 0.5 cubic feet excluding driver displacement  
 Responses are corrected for medium sedan – 66Hz.**



**Ported Box for optimal or EQ'd installed response:  
 0.50 and 0.2 cubic feet excluding driver and port tube displacement  
 of about 50 cubic inches. The 2 inch diameter port tubes are 6.25  
 inches for the 0.2 size and 7 inches long for the 0.5.  
 75Hz and 45Hz port frequencies are used. Tubing flared at both ends  
 is recommended. EQ the larger enclosure +5dB at 90 Hz one octave  
 wide for an in car 38Hz flat response with the 0.5 enclosure.  
 Responses are corrected for medium sedan – 66Hz.**