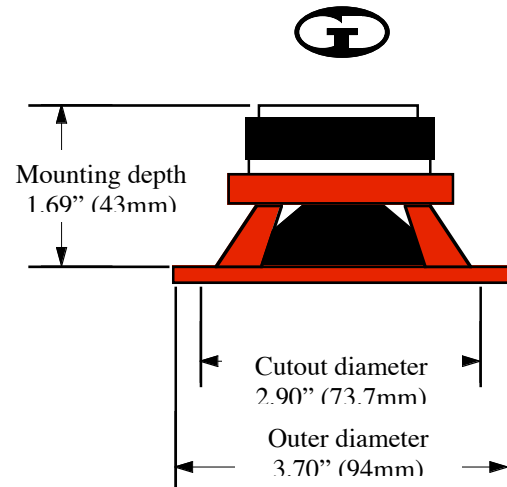


## Specifications

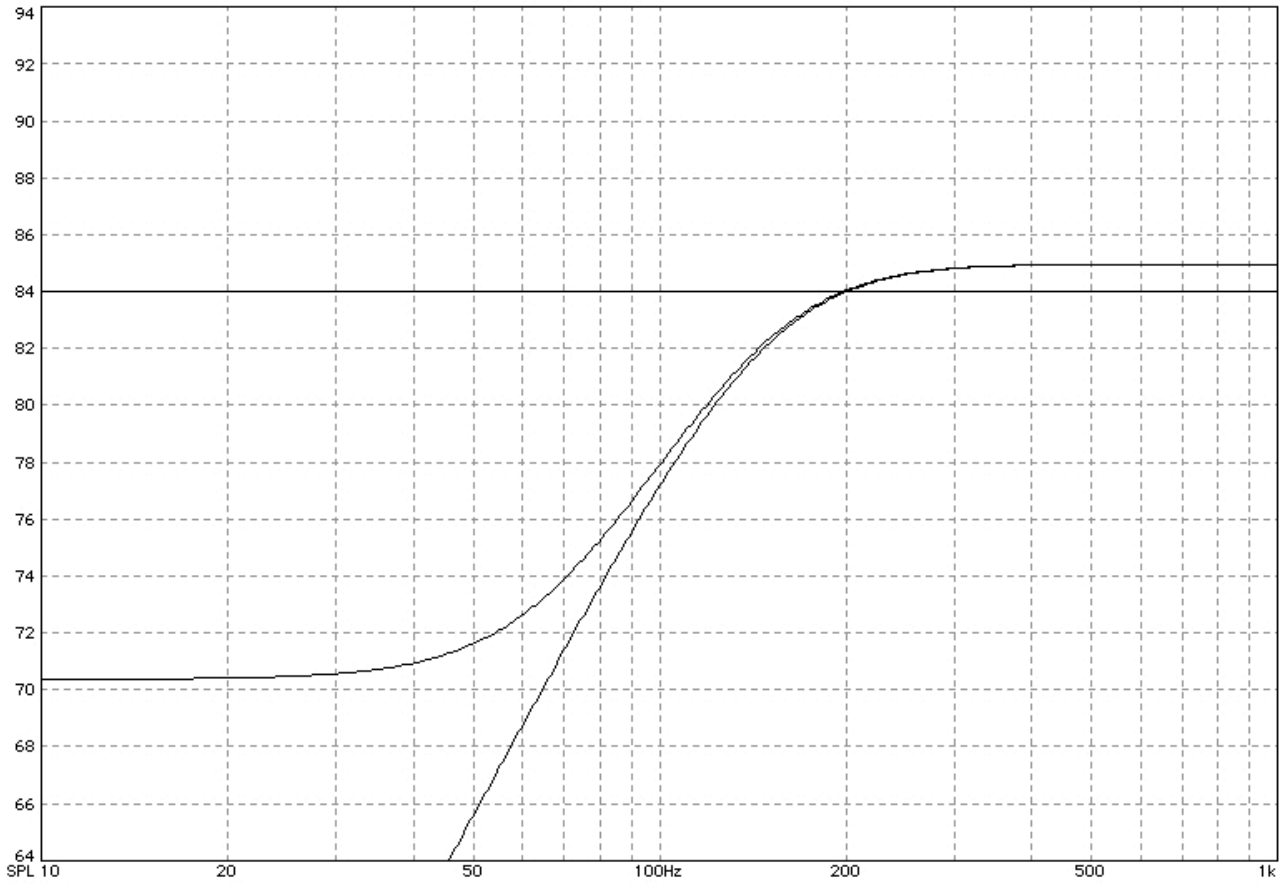
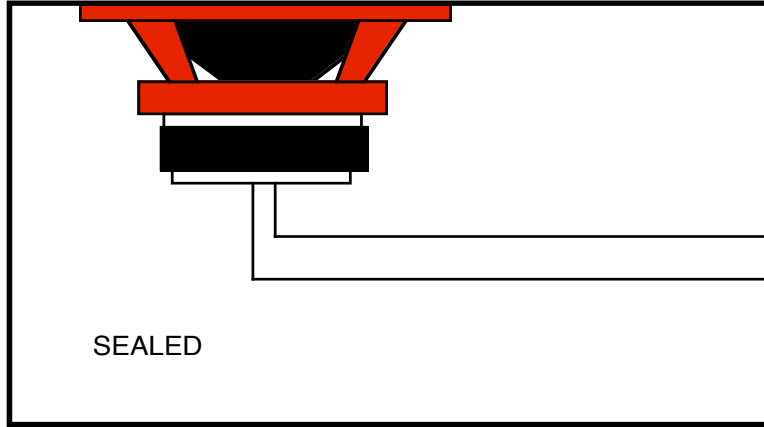
<b>Diameter:</b>	<b>3.0" (76mm)</b>
<b>Sensitivity:</b>	<b>84.9dB</b>
<b>Power Handling:</b>	<b>30WRMS (50W Pk)</b>
<b>Frequency Response:</b>	<b>115 ~ 11,000 Hz</b>
<b>Nominal Impedance:</b>	<b>4 Ohms</b>
<b>Voice Coil Diameter:</b>	<b>0.8" (20mm)</b>
<b>Peak Xmax:</b>	<b>5mm</b>
<b>Magnet Weight:</b>	<b>7.2 Oz</b>
<b>Surround</b>	<b>Rubber</b>
<b>Frame</b>	<b>Cast</b>
<b>Cone</b>	<b>Paper</b>



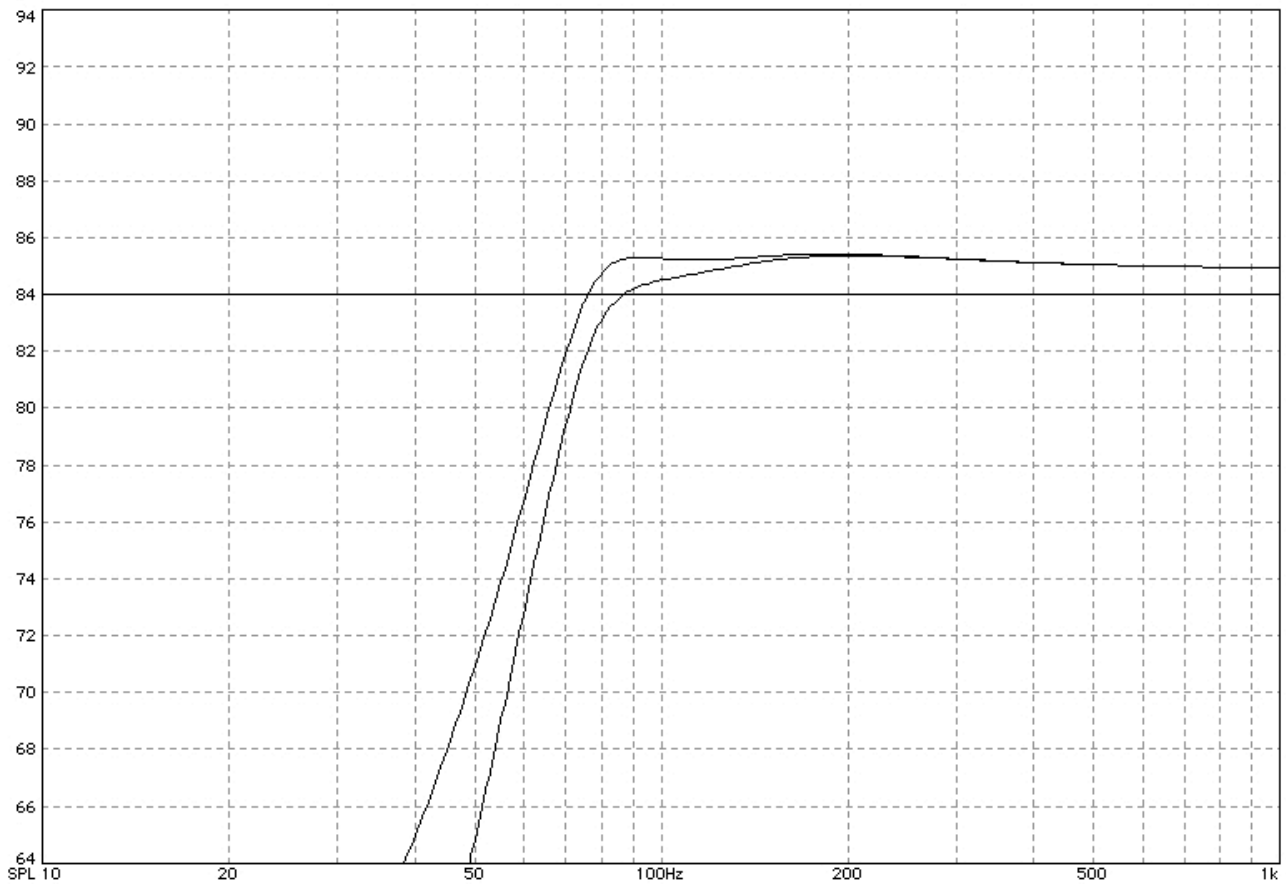
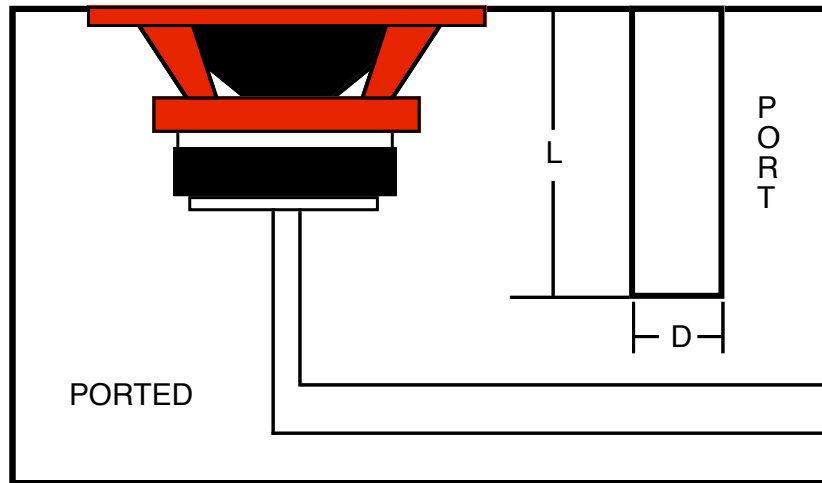
Decorative Bezel is 4.125" diameter and 0.625" deep with four 0.175" diameter mounting holes on 3.375" diameter mounting circle

## Thiele-Small Parameters

<b>Free Air Resonance:</b>	<b>115 Hz</b>
<b>Voice Coil DC Resistance:</b>	<b>3.1 ohms</b>
<b>Voice Coil Inductance @ 1 kHz:</b>	<b>0.11 mH</b>
<b>Mechanical Q (<math>Q_{ms}</math>):</b>	<b>2.42</b>
<b>Electrical Q (<math>Q_{es}</math>):</b>	<b>0.729</b>
<b>Total Q (<math>Q_{ts}</math>):</b>	<b>0.560</b>
<b>Compliance Volume (<math>V_{as}</math>):</b>	<b>0.97; 0.034 ft<sup>3</sup></b>
<b>Moving mass, Diaphragm:</b>	<b>3.25 Gr</b>
<b>Motor Force Factor:</b>	<b>3.16 Tm</b>



**Sealed Box Response - optimal size enclosure.  
0.045 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  
 83Hz port frequency, 2.87" 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

8: HD-3 新曲统 2006.12.20

备注

Data Measured: Dec 20, 2006 Wed 9:31 am

LMS

4.5.0.331  
 2003/15/2003

个人:  
 公司:

工程:  
 文件:HD-3-2006-12-15.Hb

Feb 14, 2007  
 Wed 10:42 am

LINEAR X  
 S Y S T E M S