

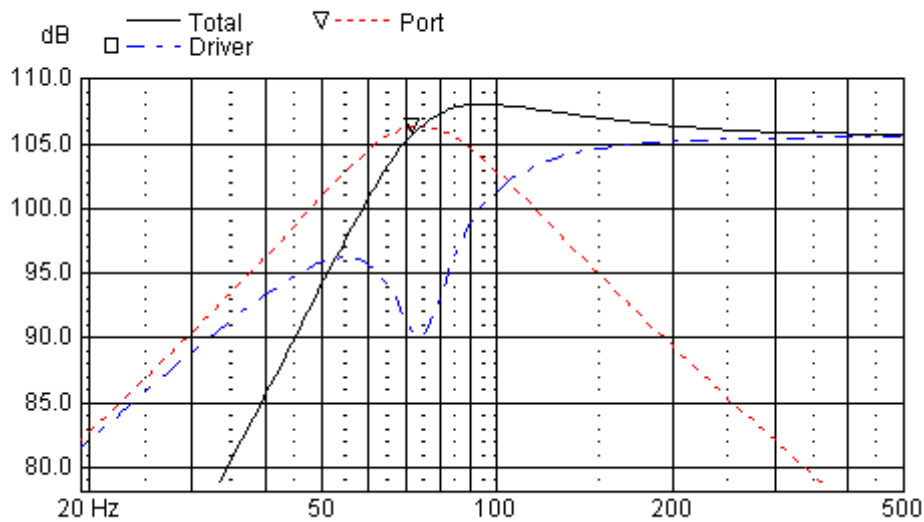
## Application Notes: HDS PPB Midwoofer 830854

Driver Highlights: Shielded for television and PC applications,  
PPB diaphragm, 26 mm coil, AL, Shielded

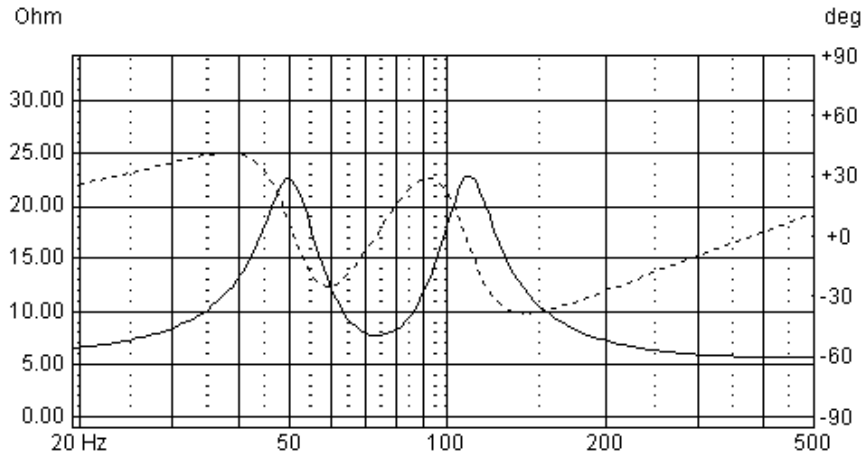
### Tuning a Vented Box

<b>BOX PROPERTIES</b>		
<b>Alignment</b>	Bassreflex	
<b>DRIVE UNIT</b>	830854	
<b>Box Volume</b>	5	Ltr.
<b>Port Length</b>	15.3	Cm
<b>Port Diameter</b>	5.0	Cm
<b>Fill</b>	20	%
<b><math>f_{-3dB}</math></b>	69.14	Hz

### Frequency response : Half Space (2 $\pi$ ) 1m distance

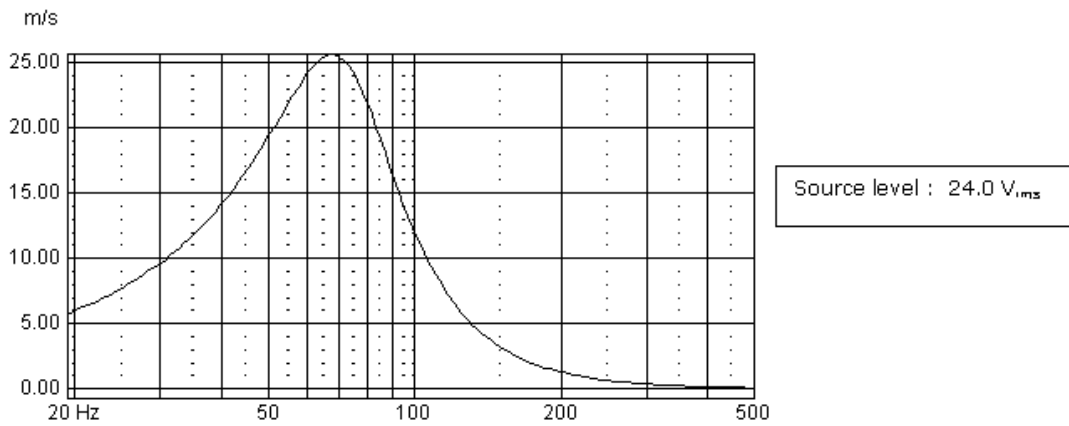


## Impedance



## Air velocity in port

The dimensions of the duct take the air velocity into consideration and emphasis is put into keeping the Velocity (Duct noise) very low and below the limit of 35 m/s.



## Transient Response: Impulse

