

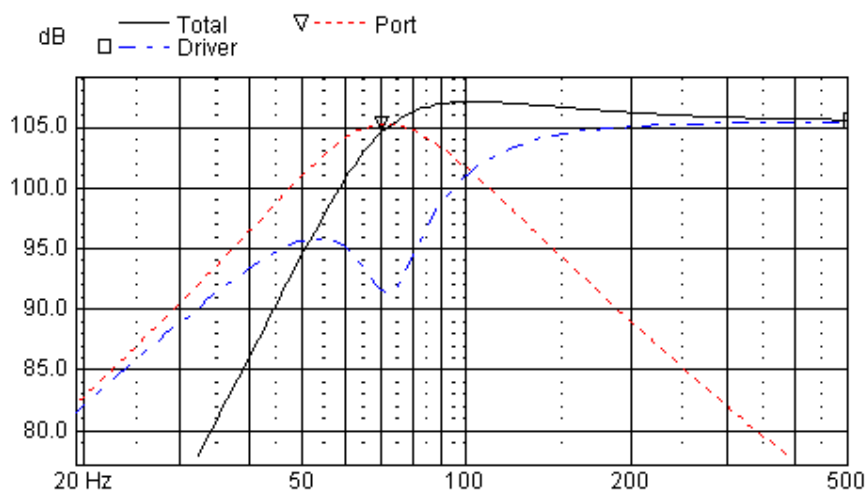
Application Notes: HDS PPB Midwoofer 830870

Driver Highlights: PPB diaphragm, 26 mm coil, AL

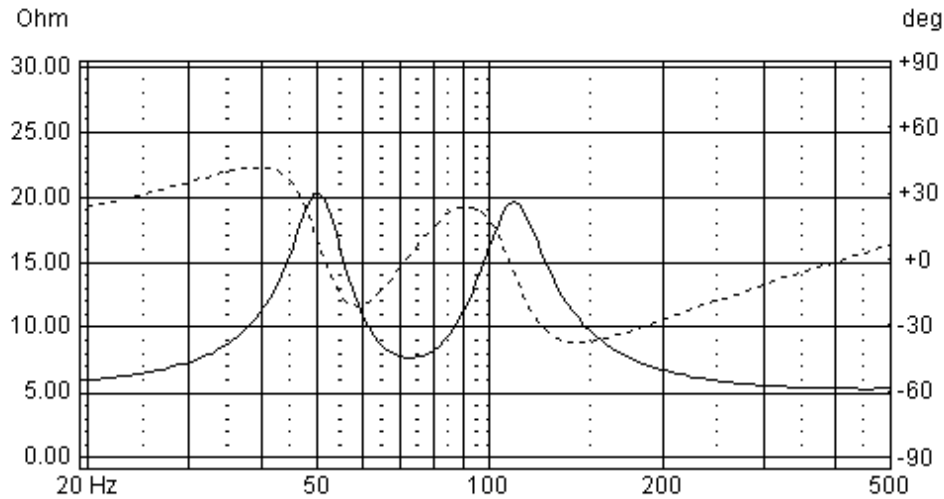
Tuning a Vented Box

BOX PROPERTIES		
Alignment	Bassreflex	
DRIVE UNIT	830870	
Box Volume	5	Ltr.
Port Length	16.0	Cm
Port Diameter	5.0	Cm
Fill	20	%
f_{-3dB}	68.5	Hz

Frequency response : Half Space (2π) 1m distance

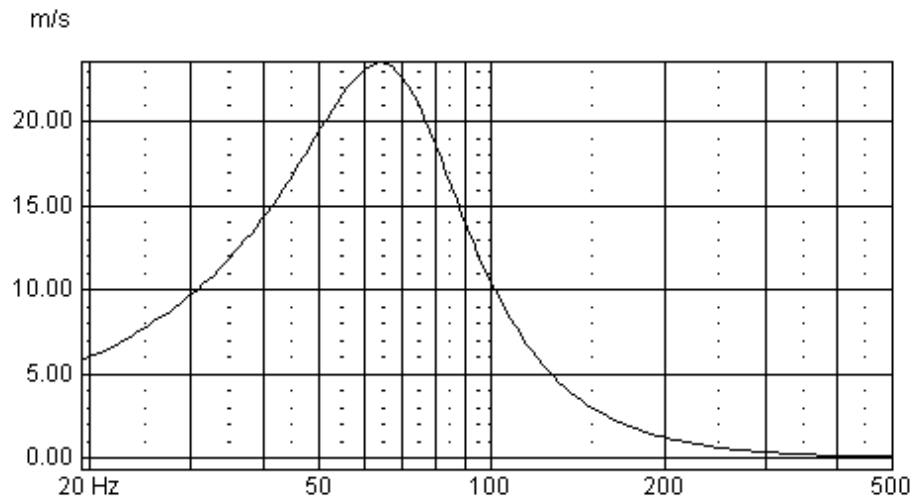


Impedance



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.



Source level : 24.0 V_{rms}

Transient Response: Impulse

