

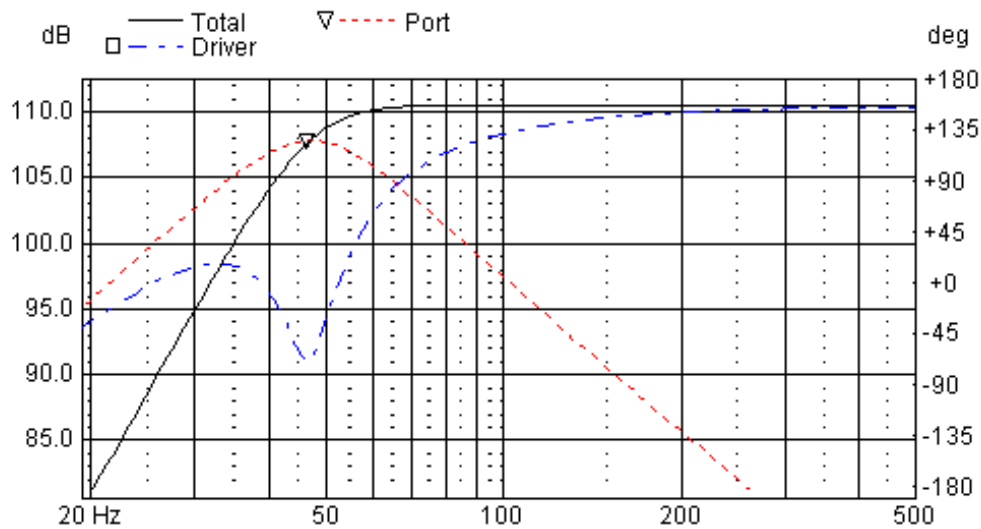
## Application Notes: HDS PPB Midwoofer 830874

Driver Highlights: PPB diaphragm, 33 mm coil, AL

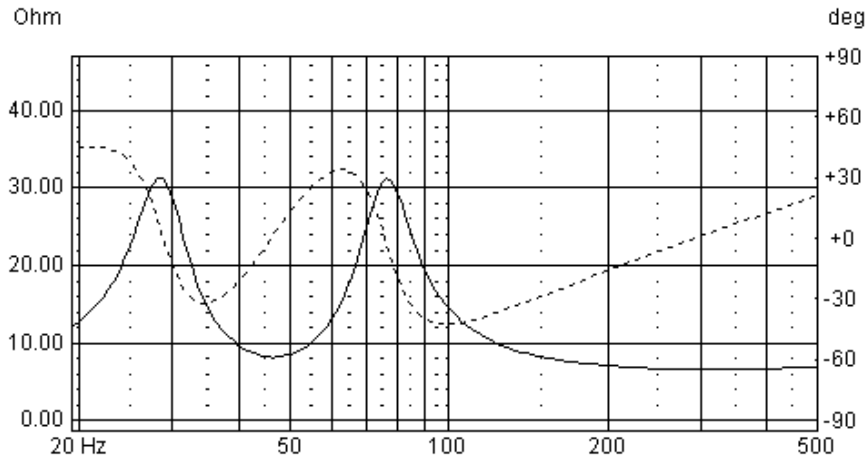
### Tuning a Vented Box

BOX PROPERTIES		
Alignment	Bassreflex	
DRIVE UNIT	830874	
Box Volume	16	Ltr.
Port Length	24.5	Cm
Port Diameter	7.0	Cm
Fill	20	%
$f_{-3dB}$	46.16	Hz

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



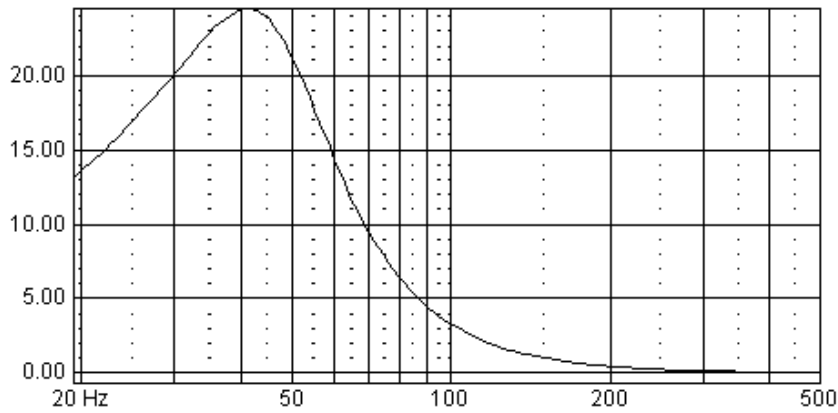
## Impedance



## 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.

m/s



Source level: 36.0 V<sub>rms</sub>

## Transient Response: Impulse

