

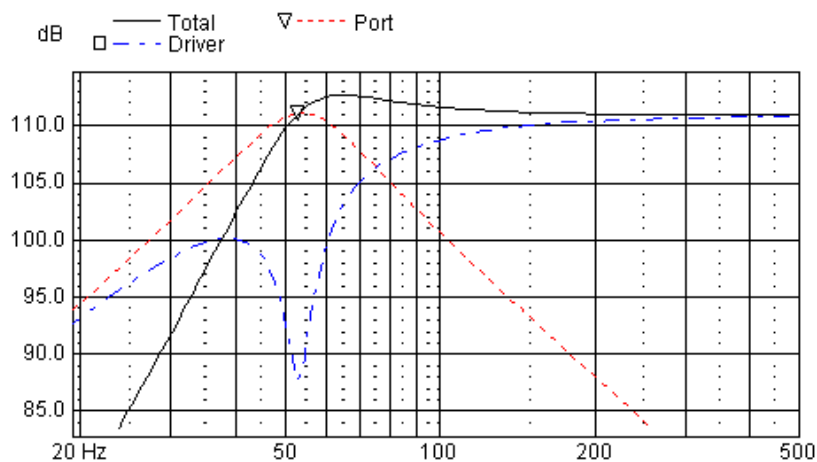
Application Notes: HDS Exclusive Midwoofer 830883

Driver Highlights: Nomex diaphragm, 33 mm coil, AL, CU, LS, Phaseplug

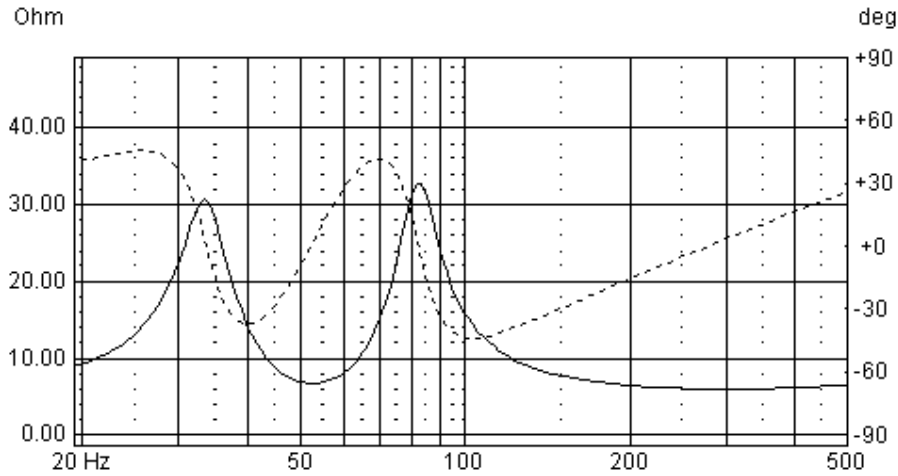
Tuning a Vented Box

BOX PROPERTIES		
Alignment	Bassreflex	
DRIVE UNIT	830883	
Box Volume	14.5	Ltr.
Port Length	20.0	Cm
Port Diameter	7	Cm
Fill	20	%
<i>f_{-3dB}</i>	50	Hz

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

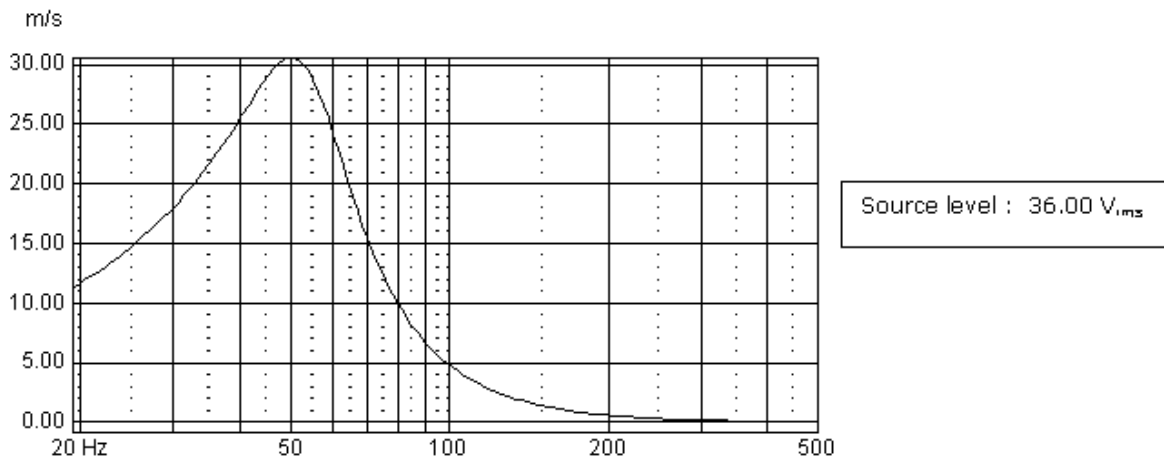


Impedance



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

