

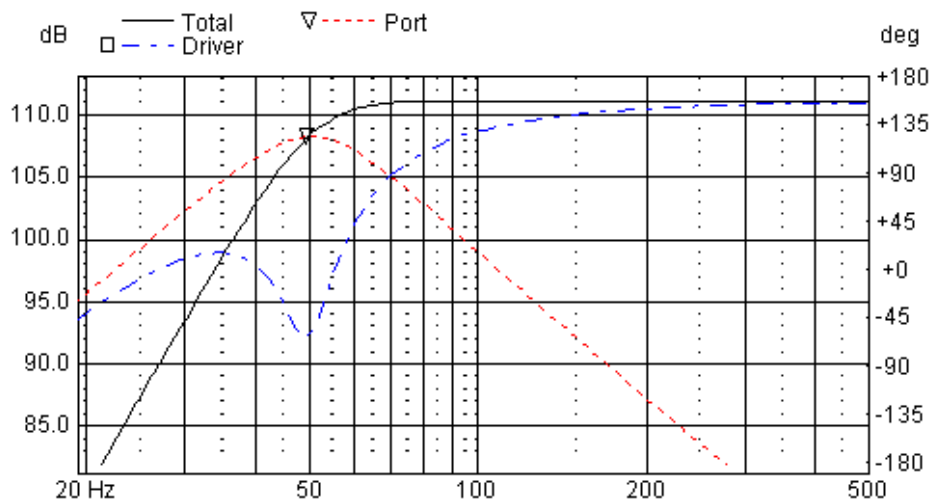
Application Notes: HDS Nomex Midwoofer 830875

Driver Highlights: Nomex diaphragm, 33 mm coil, AL

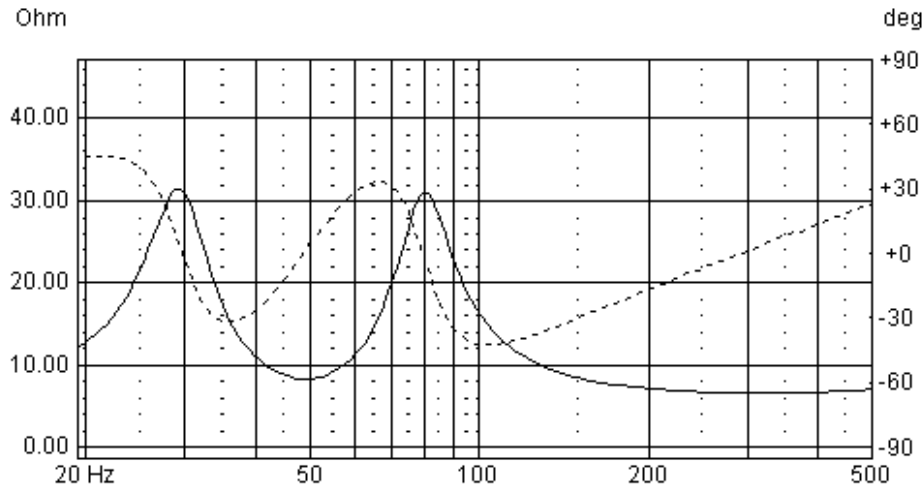
Tuning a Vented Box

BOX PROPERTIES		
Alignment	Bassreflex	
DRIVE UNIT	830875	
Box Volume	15.3	Ltr.
Port Length	22.3	Cm
Port Diameter	7	Cm
Fill	26	%
f_{-3dB}	49.4	Hz

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



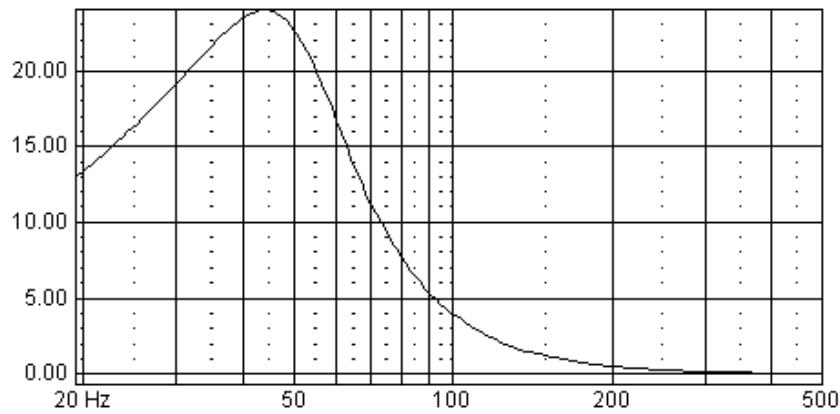
Impedance



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_{rms}

Transient Response: Impulse

