

Application Notes: HDS Nomex Midwoofer 830873

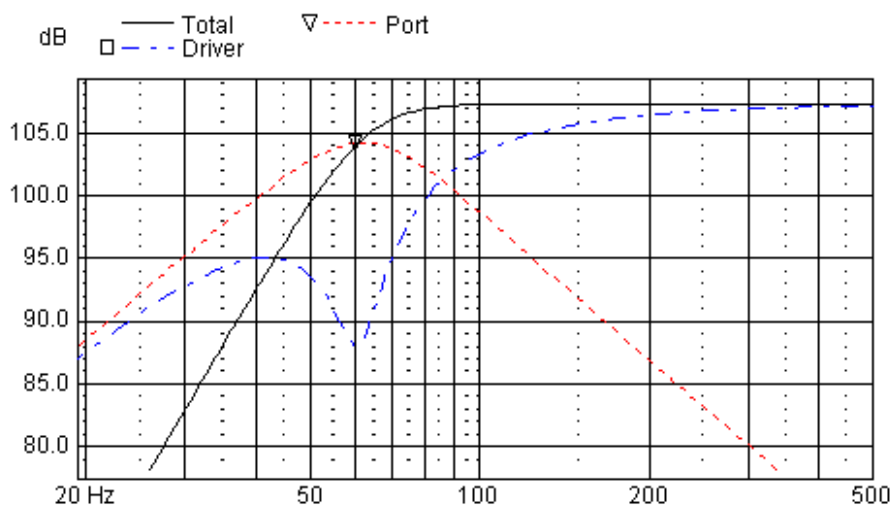
Driver Highlights: Nomex diaphragm, 26 mm coil, AL

Replaced by 832873

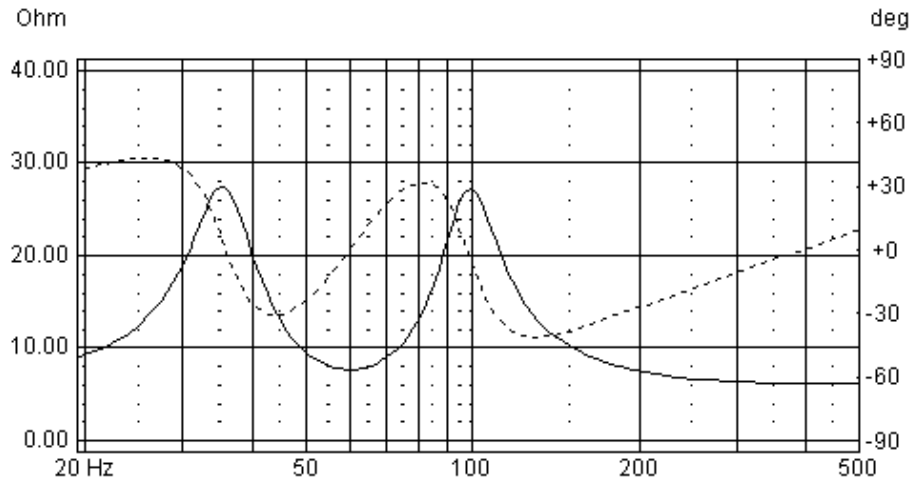
Tuning a Vented Box

BOX PROPERTIES		
Alignment	Bassreflex	
DRIVE UNIT	830873	
Box Volume	7.3	Ltr.
Port Length	16	Cm
Port Diameter	5.0	Cm
Fill	20	%
f_{-3dB}	61.2	Hz

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

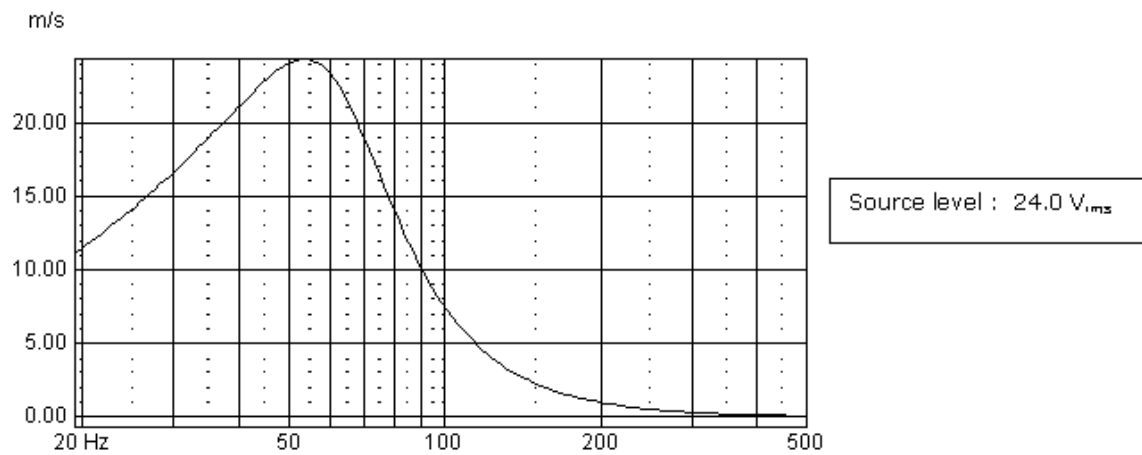


Impedance



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.



Transient Response: Impulse

