

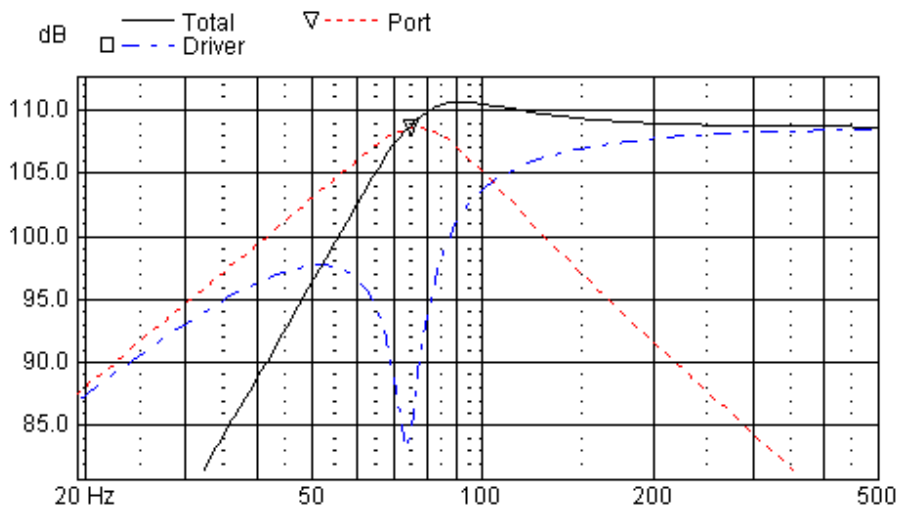
Application Notes: HDS Exclusive Midwoofer 830882

Driver Highlights: Nomex diaphragm, 26 mm coil, AL, CU, Phaseplug. Replaced by 831882

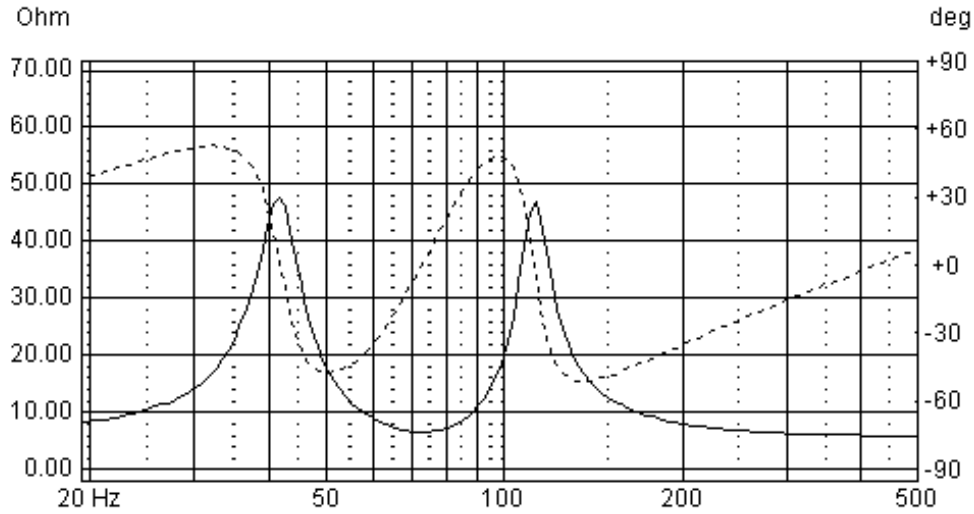
Tuning a Vented Box

BOX PROPERTIES		
Alignment	Bassreflex	
DRIVE UNIT	830882	
Box Volume	6.0	Ltr.
Port Length	13.0	Cm
Port Diameter	5.0	Cm
Fill	10	%
f_{-3dB}	71	Hz

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

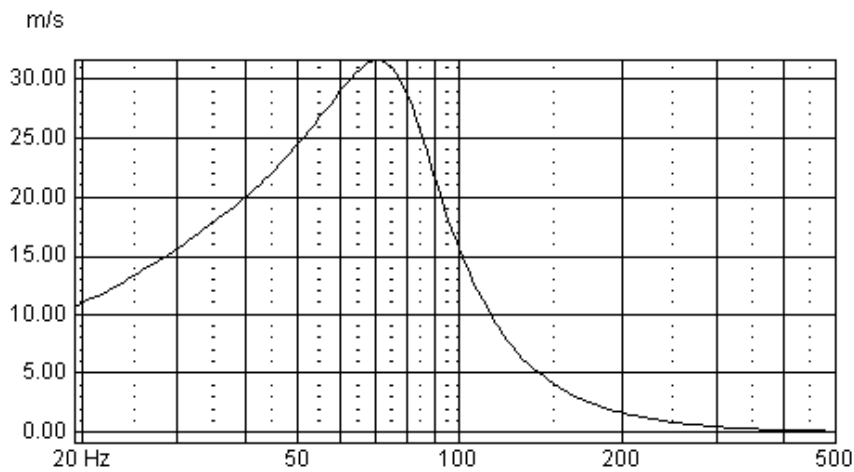


Impedance



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.



Source level : 25.4 V_{rms}

Transient response: Impulse

