

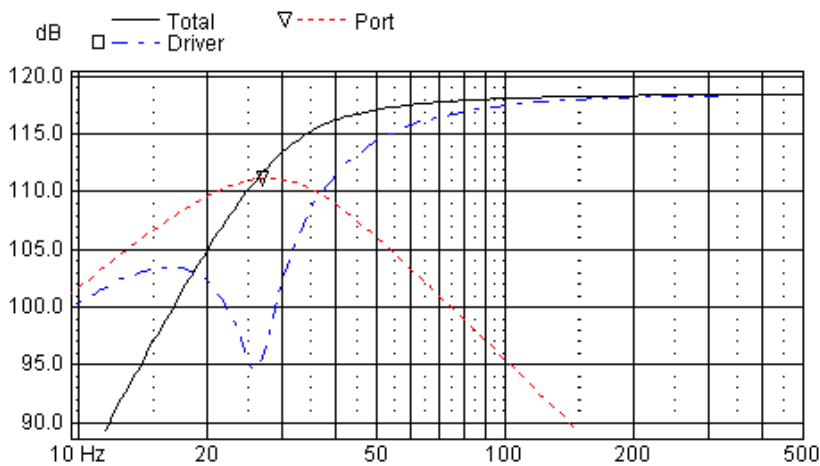
Application Notes: SLS Subwoofer 830867

Driver Highlights: Coated paper cone, 76 mm voice coil, AL shorting ring in magnet system.

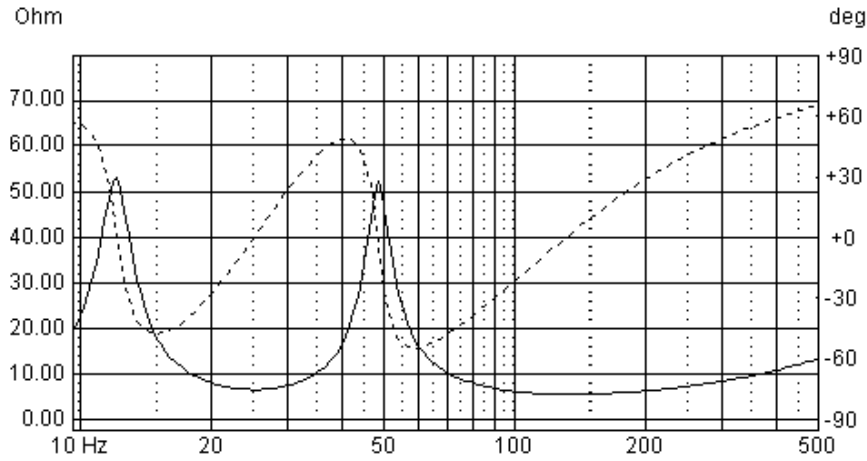
Tuning a Vented Box

BOX PROPERTIES		
Alignment	Bassreflex	
DRIVE UNIT	830867	
Box Volume	126	Ltr.
Port Length	18	Cm
Port Diameter	10	Cm
Fill	18	%
f_{-3dB}	36	Hz

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

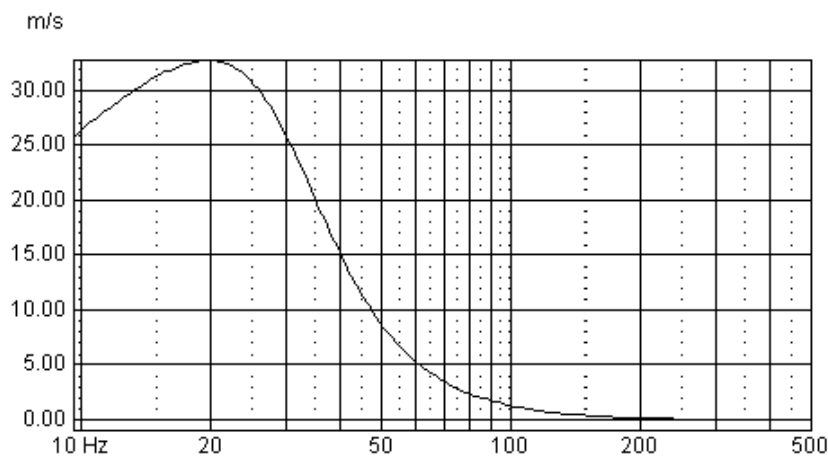


Impedance



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: 45.5 V_{rms}

Transient Response: Impulse

