

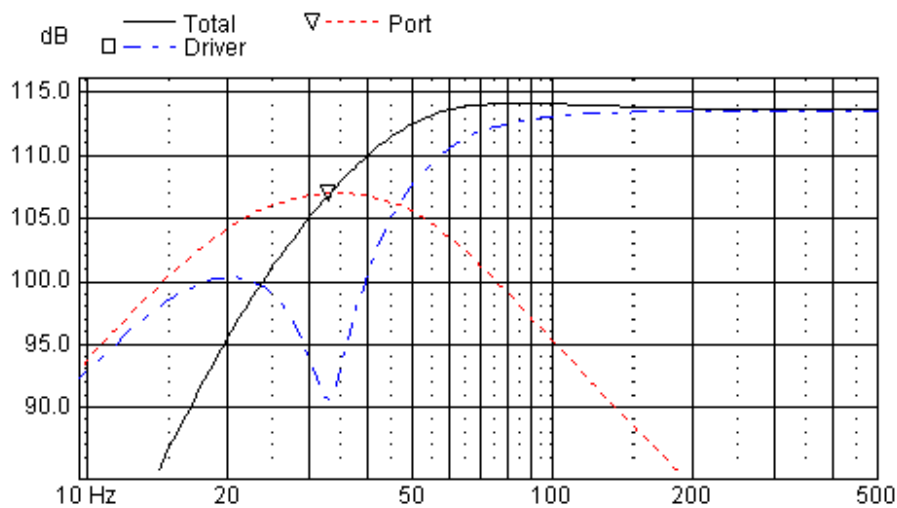
Application Notes: HDS PPB Woofer 830868

Driver Highlights: PPM diaphragm, 33 mm coil, AL

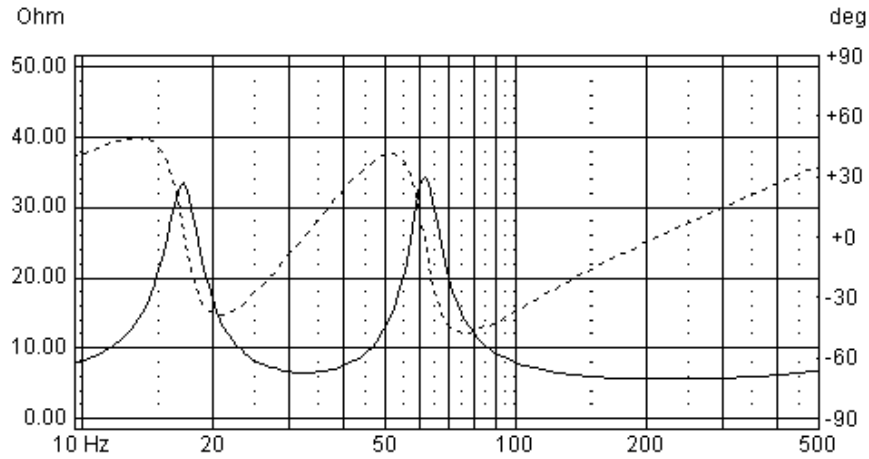
Tuning a Vented Box

BOX PROPERTIES		
Alignment	Bassreflex	
DRIVE UNIT	830868	
Box Volume	32.4	Ltr.
Port Length	32.8	Cm
Port Diameter	8.0	Cm
Fill	17	%
f_{-3dB}	43.63	Hz

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

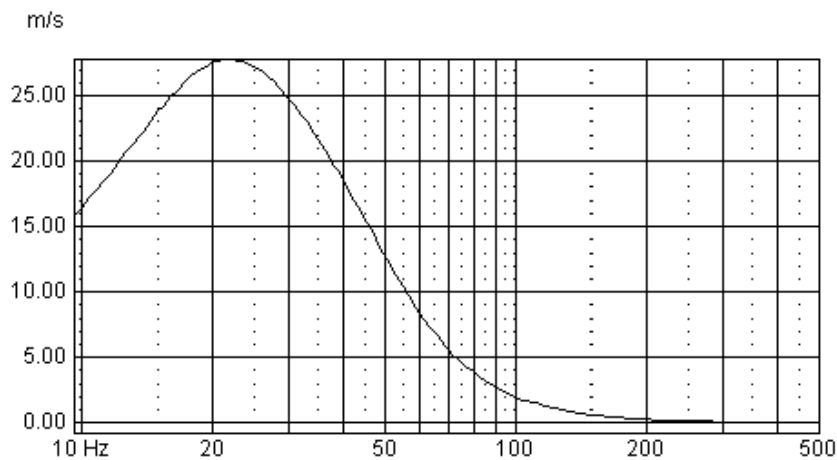


Impedance



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: 42.0 V_{rms}

Transient Response: Impulse

