

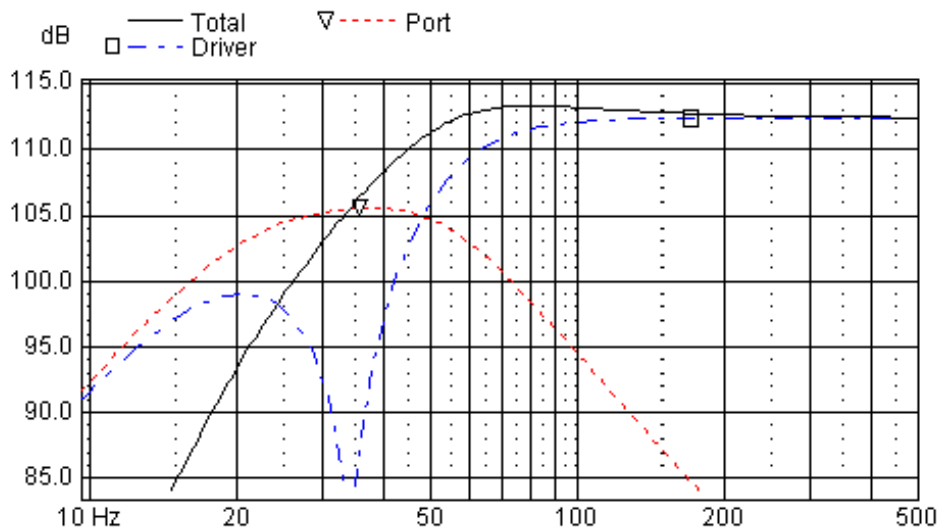
Application Notes: HDS Exclusive Woofer 830884

Driver Highlights: Nomex diaphragm, 33 mm coil, AL, CU, LS, Phaseplug

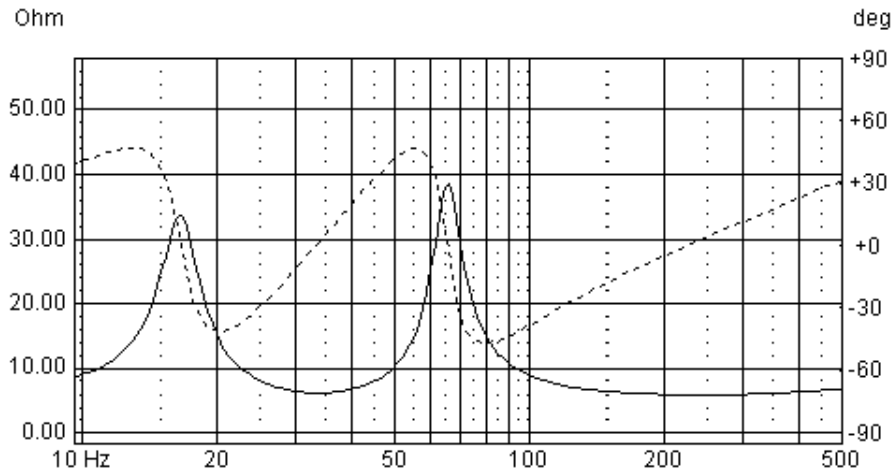
Tuning a Vented Box

BOX PROPERTIES		
Alignment	Bassreflex	
DRIVE UNIT	830884	
Box Volume	29.0	Ltr.
Port Length	26.0	Cm
Port Diameter	7	Cm
Fill	15	%
f_{-3dB}	45.7	Hz

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

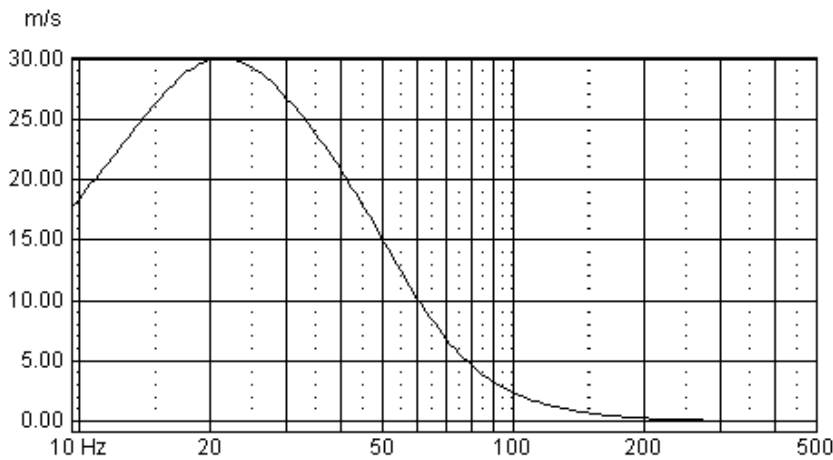


Impedance



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: 36.00 V_{rms}

Transient response: Impulse

