

Specification

Nominal Basket Diameter	8", 203.2mm
Nominal Impedance*	8 ohms
Power Rating**	150W
Resonance	47Hz
Usable Frequency Range***	60Hz-3.3kHz
Sensitivity	94.5
Magnet Weight	4 oz.
Gap Height	0.28", 7.2mm
Voice Coil Diameter	2", 50.8mm

Thiele & Small Parameters

Resonant Frequency (fs)	47Hz
DC Resistance (Re)	5.4
Coil Inductance (Le)	0.44mH
Mechanical Q (Qms)	6.5
Electromagnetic Q (Qes)	0.29
Total Q (Qts)	0.28
Compliance Equivalent Volume (Vas)	34 liters / 1.19 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	76cc
Mechanical Compliance of Suspension (Cms)	0.50mm/N
BL Product (BL)	11.2 T-M
Diaphragm Mass inc. Airload (Mms)	23 grams
Efficiency Bandwidth Product (EBP)	162
Maximum Linear Excursion (Xmax)	3.5mm
Surface Area of Cone (Sd)	218.2 cm ²
Maximum Mechanical Limit (Xlim)	8.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	8-9.3 liters/ 0.28-0.33 cu.ft.
Vented	12-25.5 liters/ 0.41-0.9 cu.ft.
Overall Diameter	8.24", 209.2mm
Baffle Hole Diameter	7.13", 181mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	
Mounting Holes Diameter	0.22", 5.5mm
Mounting Holes B.C.D.	7.75", 196.9mm
Depth	3.6", 92mm
Net Weight	3.2 lbs., 1.5 kg
Shipping Weight	3.9 lbs., 1.8 kg

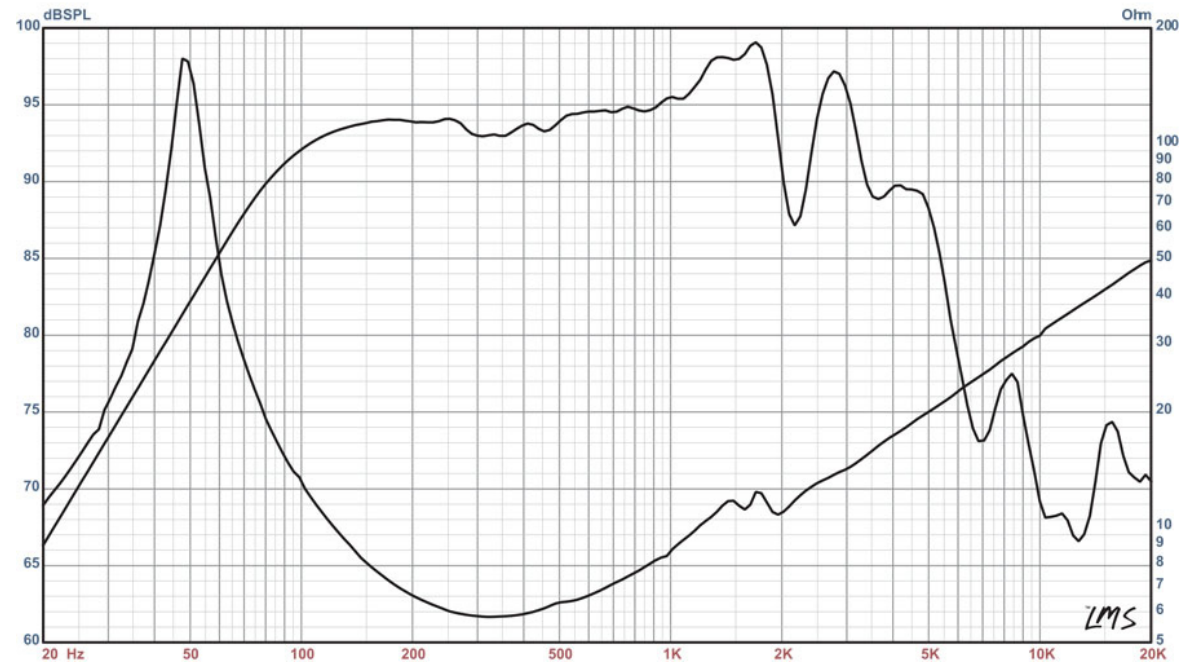
Materials of Construction

Copper voice coil
 Polyimide former
 Neodymium magnet
 Non-vented core
 Pressed steel basket
 Hemp Cone™
 Santoprene cone edge
 Solid composition felt dust cap



ACOUSTINATOR™ NH2008

Recommended for acoustic instrument applications in both sealed and vented enclosures. Hemp cone lends a very "woody" tone.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

*** The average output across the usable frequency range when applying 1W/1M into the nominal impedance. ie: 2.83V/8ohms, 4V/16ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1w/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)