

Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	16 ohms
Power Rating**	400W
Resonance	58Hz
Usable Frequency Range	65Hz-5kHz
Sensitivity***	98.3
Magnet Weight	56 oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	2.5", 63.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	58Hz
DC Resistance (Re)	11.4
Coil Inductance (Le)	0.77mH
Mechanical Q (Qms)	7.04
Electromagnetic Q (Qes)	0.52
Total Q (Qts)	0.48
Compliance Equivalent Volume (Vas)	87 liters / 3.1 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	140cc
Mechanical Compliance of Suspension (Cms)	0.23mm/N
BL Product (BL)	16.0 T-M
Diaphragm Mass inc. Airload (Mms)	32 grams
Efficiency Bandwidth Product (EBP)	112
Maximum Linear Excursion (Xmax)	2.7mm
Surface Area of Cone (Sd)	519.5 cm ²
Maximum Mechanical Limit (Xlim)	9.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	15.6-18.4 liters/0.55-0.65 cu.ft.
Vented	34-68 liters/1.2-2.4 cu.ft.
Overall Diameter	12.03", 305.5mm
Baffle Hole Diameter	10.95", 278.1mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	11.59", 294.3mm
Depth	5.35", 136mm
Net Weight	11.4 lbs., 5.2 kg
Shipping Weight	13.5 lbs., 6.1 kg

Materials of Construction

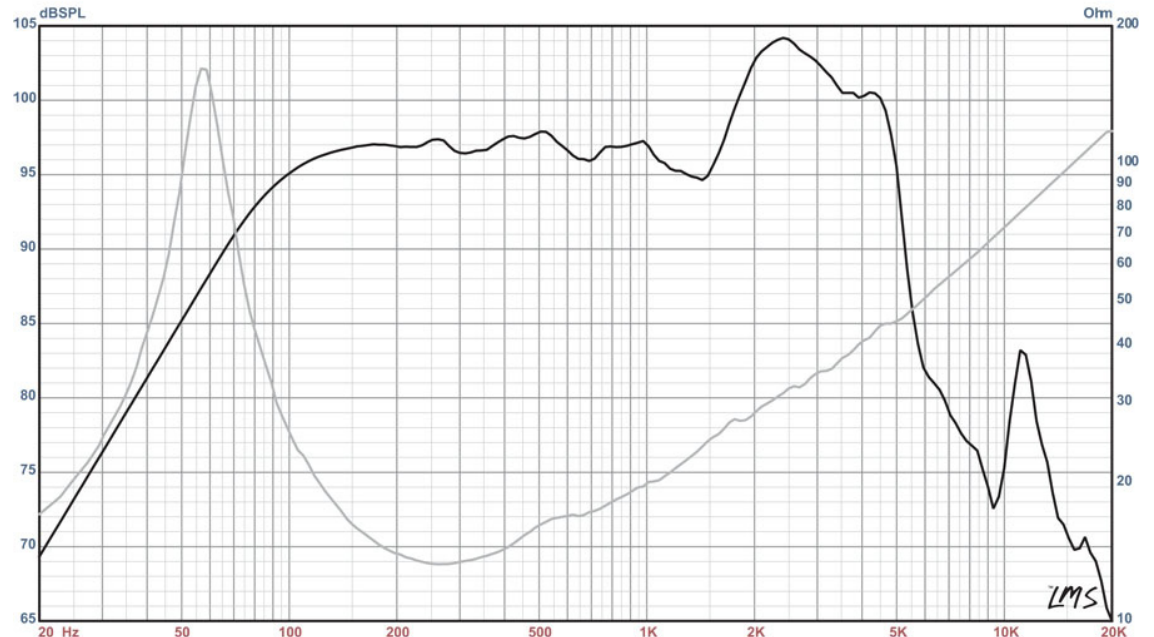
Copper voice coil
Polyimide former
Ferrite magnet
Vented core
Pressed steel basket
Paper Cone
Cloth cone edge
Solid composition felt dust cap


EMINENCE®
The Art and Science of Sound



DELTA-12B American Standard Series

Recommended for professional audio as a mid-bass or woofer (with high-pass filter) in vented enclosures.



* 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)