Specification

12". 304.8mm Nominal Basket Diameter Nominal Impedance* 8 ohms Power Rating** 400W 55Hz Resonance Usable Frequency Range*** 54Hz-5kHz Sensitivity 98.3 56 oz. Magnet Weight Gap Height 0.375". 9.53mm Voice Coil Diameter 2.5", 63.5mm





Thiele & Small Parameters

Resonant Frequency (fs) 55Hz 6.3 DC Resistance (Re) Coil Inductance (Le) 0.74mH Mechanical Q (Qms) 5.27 Electromagnetic Q (Qes) 0.46 0.43 Total Q (Qts) Compliance Equivalent Volume (Vas) 81.3 liters / 2.9 cu. ft. Peak Diaphragm Displacement Volume (Vd) 125cc Mechanical Compliance of Suspension (Cms) 0.21mm/N BL Product (BL) 13.5 T-M Diaphragm Mass inc. Airload (Mms) 39 grams Efficiency Bandwidth Product (EBP) 120 Maximum Linear Excursion (Xmax) 2.4mm Surface Area of Cone (Sd) 519.5 cm2 Maximum Mechanical Limit (Xlim) 9.9mm

Mounting Information

Recommended Enclosure Volume

Sealed

Vented 25.5-85 liters/0.9-3 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

Aluminum voice coil

Polyimide former

Ferrite magnet

Vented core

Pressed steel basket

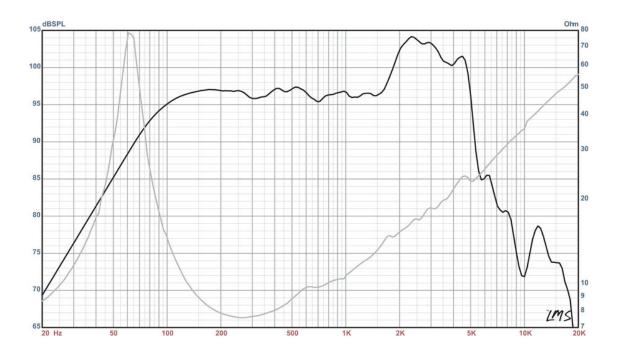
Paper Cone

Cloth cone edge

Solid composition felt dust cap

DELTA-12A 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/80hms, 4V/160hms.

 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 fiberqlass on all six surfaces (three with custom-made wedges)