Specification

15" 381mm Nominal Basket Diameter Nominal Impedance* 16 ohms Power Rating** 400W 45Hz Resonance Usable Frequency Range 64Hz-4kHz Sensitivity*** 100 56 oz. Magnet Weight Gap Height 0.375". 9.53mm Voice Coil Diameter 2.5", 63.5mm



Resonant Frequency (fs) 45Hz DC Resistance (Re) 11.3 Coil Inductance (Le) 1.35mH Mechanical Q (Qms) 6.54 Electromagnetic Q (Qes) 0.67 0.61 Total Q (Qts) Compliance Equivalent Volume (Vas) 204 liters / 7.2 cu. ft. Peak Diaphragm Displacement Volume (Vd) 137cc Mechanical Compliance of Suspension (Cms) 0.19mm/N BL Product (BL) 17.6 T-M Diaphragm Mass inc. Airload (Mms) 64 grams Efficiency Bandwidth Product (EBP) Maximum Linear Excursion (Xmax) 1.6mm 856.3 cm2 Surface Area of Cone (Sd) Maximum Mechanical Limit (Xlim) 11.0mm

Mounting Information

Recommended Enclosure Volume

31-42.5 liters/1.09-1.5 cu.ft. Sealed Vented 81.8-87.8 liters/2.89-3.1 cu.ft. Overall Diameter 15.15", 384.8mm Baffle Hole Diameter 13.77", 349.6mm Front Sealing Gasket fitted as standard Rear Sealing Gasket fitted as standard Mounting Holes Diameter 0.25", 6.4mm Mounting Holes B.C.D. 14.56", 369.9mm Depth 6.05", 154mm Net Weight 12.3 lbs., 5.6 kg Shipping Weight 14.3 lbs., 6.5 kg

Materials of Construction

Copper voice coil

Polyimide former

Ferrite magnet

Vented core

Pressed steel basket

Paper Cone

Cloth cone edge

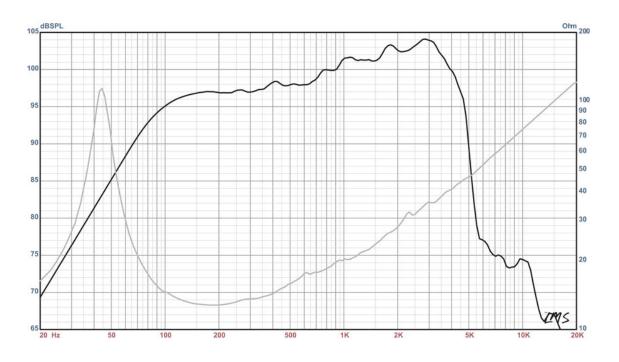
Solid composition paper dust cap





DELTA-15B American Standard Series

Recommended for professional audio as a mid-bass or vocal wedge in a sealed enclosure. Also suitable as a mid-bass or woofer 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/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 fiberdiass on all six surfaces (three with custom-made wedges)