

## Specification

|                           |                |
|---------------------------|----------------|
| Nominal Basket Diameter   | 15", 381mm     |
| Nominal Impedance*        | 8 ohms         |
| Power Rating**            | 400W           |
| Resonance                 | 40Hz           |
| Usable Frequency Range*** | 48Hz-4kHz      |
| Sensitivity               | 100            |
| Magnet Weight             | 56 oz.         |
| Gap Height                | 0.375", 9.53mm |
| Voice Coil Diameter       | 2.5", 63.5mm   |

## Thiele & Small Parameters

|   |                           |
|---|---------------------------|
| Resonant Frequency (fs)                   | 40Hz                      |
| DC Resistance (Re)                        | 6.3                       |
| Coil Inductance (Le)                      | 0.64mH                    |
| Mechanical Q (Qms)                        | 8.05                      |
| Electromagnetic Q (Qes)                   | 0.57                      |
| Total Q (Qts)                             | 0.53                      |
| Compliance Equivalent Volume (Vas)        | 270.7 liters / 9.56 cu.ft |
| Peak Diaphragm Displacement Volume (Vd)   | 233cc                     |
| Mechanical Compliance of Suspension (Cms) | 0.26mm/N                  |
| BL Product (BL)                           | 13.2 T-M                  |
| Diaphragm Mass inc. Airload (Mms)         | 62 grams                  |
| Efficiency Bandwidth Product (EBP)        | 70                        |
| Maximum Linear Excursion (Xmax)           | 2.7mm                     |
| Surface Area of Cone (Sd)                 | 864.6 cm <sup>2</sup>     |
| Maximum Mechanical Limit (Xlim)           | 11.1mm                    |

## Mounting Information

|                              |                               |
|------------------------------|-------------------------------|
| Recommended Enclosure Volume |                               |
| Sealed                       | 37-42.5 liters/1.3-1.5 cu.ft. |
| Vented                       | 82-161.4 liters/2.9-5.7cu.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              | 14.4 lbs., 6.5 kg             |

## Materials of Construction

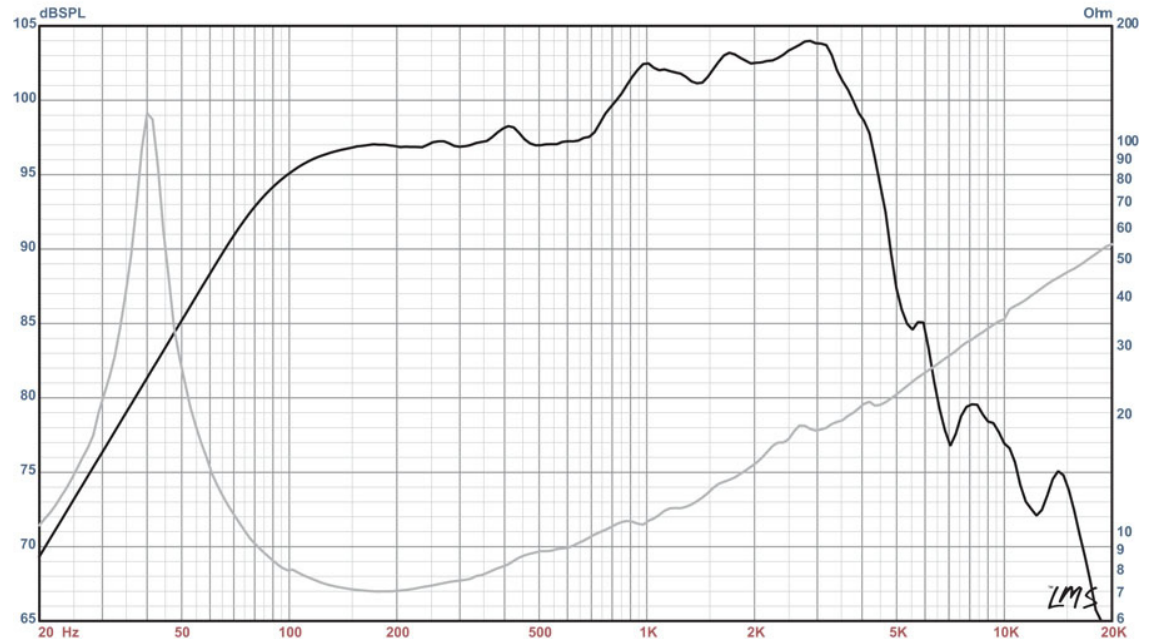
Aluminum voice coil  
Polyimide former  
Ferrite magnet  
Vented core  
Pressed steel basket  
Paper Cone  
Cloth cone edge  
Solid composition paper dust cap

  
EMINENCE®  
The Art and Science of Sound



## DELTA-15A 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/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)