Specification

Nominal Basket Diameter	15", 381mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	400W
Music Program	W008
Resonance	42Hz
Usable Frequency Range***	54Hz-4.2kHz
Sensitivity	101.6
Magnet Weight	80 oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	2.5", 63.5mm





Thiele & Small Parameters

Resonant Frequency (fs)	42Hz
DC Resistance (Re)	5.71
Coil Inductance (Le)	0.83mH
Mechanical Q (Qms)	4.73
Electromagnetic Q (Qes)	0.44
Total Q (Qts)	0.40
Compliance Equivalent Volume (Vas)	243.5 liters / 8.6 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	368cc
Mechanical Compliance of Suspension (Cms)	0.24mm/N
BL Product (BL)	14.5 T-M
Diaphragm Mass inc. Airload (Mms)	61 grams
Efficiency Bandwidth Product (EBP)	95
Maximum Linear Excursion (Xmax)	4.3mm
Surface Area of Cone (Sd)	856.3 cm2
Maximum Mechanical Limit (Xlim)	13.7mm

Mounting Information

Recommended Enclosure Volume

Sealed 28-42.5 liters/1-1.5 cu.ft. Vented 57-133 liters/2-4.7 cu.ft. Overall Diameter 15.32", 389mm Baffle Hole Diameter 14.0", 356mm Front Sealing Gasket fitted as standard Rear Sealing Gasket fitted as standard Mounting Holes Diameter 0.28", 7.1mm Mounting Holes B.C.D. 14.56", 369.9mm Depth 6.06". 154mm Net Weight 16.6 lbs., 7.5 kg Shipping Weight 19.1 lbs., 8.7 kg

Materials of Construction

Aluminum voice coil

Polyimide former

Ferrite magnet

Vented and extended core

Die-cast aluminum basket

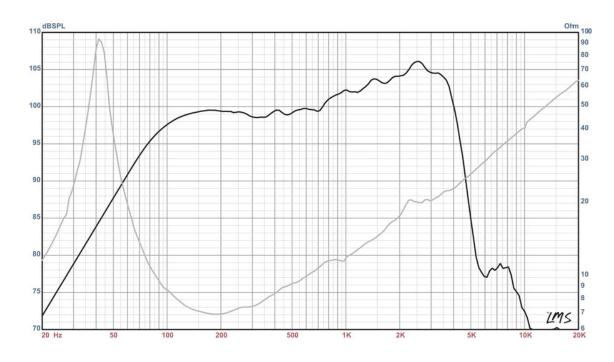
Paper Cone

Cloth cone edge

Solid composition paper dust cap

DELTA PRO-15A Professional Series

Recommended for professional audio in both sealed and vented enclosures. Ideal for full-range, mid/hi, and monitor wedges.



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