

Specification

Nominal Basket Diameter	18", 457mm
Nominal Impedance*	4 or 8 ohms
Power Rating**	
Watts	500W
Music Program	1000W
Resonance	28Hz
Usable Frequency Range***	37Hz-250Hz
Sensitivity	96
Magnet Weight	67 oz
Gap Height	.38", 9.53mm
Voice Coil Diameter	2.5", 63.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	28Hz
DC Resistance (Re)	5.3
Coil Inductance (Le)	3.43mH
Mechanical Q (Qms)	10.38
Electromagnetic Q (Qes)	.33
Total Q (Qts)	.32
Compliance Equivalent Volume (Vas)	493.19 ltr/17.41 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	796.00cc
Mechanical Compliance of Suspension (Cms)	.25mm/N
BL Product (BL)	18.9 T-M
Diaphragm Mass inc. Airload (Mms)	128.1 grams
Efficiency Bandwidth Product (EBP)	84
Maximum Linear Excursion (Xmax)	6.7mm
Surface Area of Cone (Sd)	1188.0cm ²
Maximum Mechanical Limit (Xlim)	15.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	N/A
Vented	85-297 ltr/3.0-10.5 cu. ft.
Overall Diameter	18.00", 457.20mm
Baffle Hole Diameter	16.57", 420.88mm
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	Fitted as Standard
Mounting Holes Diameter	.28", 7.11mm
Mounting Holes B.C.D.	17.25", 438.15mm
Depth	8.13", 206.50mm
Net Weight	17.00 lbs, 7.71 kg
Shipping Weight	20.5 lbs, 9.3 kg

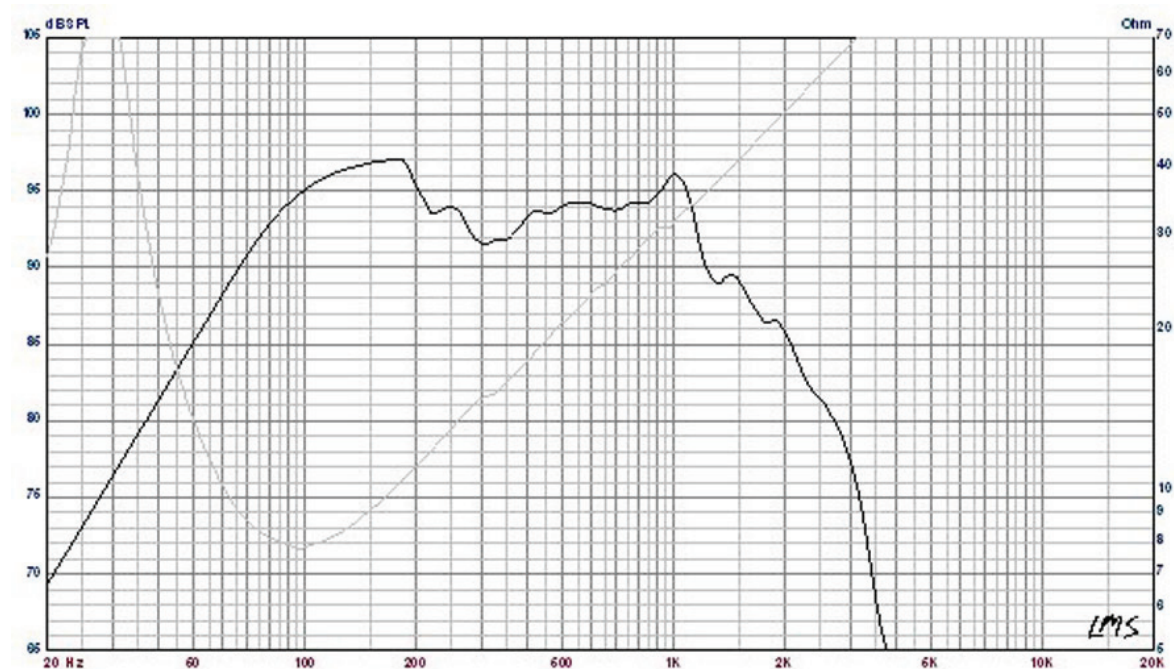
Materials of Construction

Coil Construction	Copper
Coil	Polyimide
Magnet Composition	Ferrite
Core Details	Vented and Extended
Basket Materials	Die-Cast Aluminum
Cone Composition	Paper
Cone Edge Composition	Cloth
Dust Cap Composition	Solid Composition Paper



DELTA PRO-18A Professional Series

Long Throw Subwoofer for very small vented boxes. Over-size top plate and large pole vent help keep the coil cool.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, nontemperature-controlled environment.

*** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. le: 2.83 V/8 ohms, 4 V/16 ohms.

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 | 2 ft. X 2 ft. 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)