

## Product Details

Brand	Eminence Speaker
Model	Delta Pro-18A
Part Number	290-520
UPC	876358001026
Unit of Measure	Each
Weight	20.5

## Product Specifications

Nominal Diameter	18"
Moving Mass Of Diaphragm (Mmd)	128
Power Handling (RMS)	500 Watts
Power Handling (MAX)	1000 Watts
Impedance	8 $\Omega$
Frequency Response	37 to 250Hz
Sensitivity	96dB 2.83V/1m
Voice Coil Diameter	2.5"

## Thiele-Small Parameters

Resonant Frequency (Fs)	28Hz
DC Resistance (Re)	5.3 $\Omega$
Voice Coil Inductance (Le)	3.43mH
Mechanical Q (Qms)	10.38
Electromagnetic Q (Qes)	0.33
Total Q (Qts)	0.32
Compliance Equivalent Volume (Vas)	17.42ft <sup>3</sup>

## Thiele-Small Parameters

Mechanical Compliance of Suspension (Cms)	0.25mm/N
BL Product (BL)	18.9T·m
Maximum Linear Excursion (Xmax)	6.7mm
Surface Area of Cone (Sd)	1188cm <sup>2</sup>

## Materials of Construction

Cone Material	Paper
Surround Material	Cloth
Voice Coil Wire Material	Copper
Voice Coil Former	Kapton® / Polyimide
Basket / Frame Material	Cast Aluminum
Magnet Material	Ferrite

## Mounting Information

Overall Outside Diameter	18"
Baffle Cutout Diameter	16.57"
Depth	8.13"
# Mounting Holes	8

Optimum Cabinet Size (determined using BassBox 6 Pro High Fidelity suggestion)

Sealed Volume	3.13ft <sup>3</sup>
Sealed F3	70Hz

Optimum Cabinet Size (determined using BassBox 6 Pro High Fidelity suggestion)

Vented Volume	6.51ft <sup>3</sup>
Vented F3	44Hz