

DELTA 15LF

Nominal Basket Diameter	15", 381mm
Impedance	8 ohms
Power Rating	500Wrms
Resonance	41Hz
Usable Frequency Range	40Hz - 2.5kHz
Sensitivity	see guide on web
Magnet Weight	56oz.
Gap Height	0.375", 9.52mm
Voice Coil Diameter	2.5", 63.5mm

Mounting Information

Recommended Enclosure Volume (vented)	92 - 150 liters 3.25 - 5.3 cu. ft.
Overall Diameter	15.15", 384.8mm
Baffle Hole Diameter	13.77", 349.6mm
Front Sealing Gasket	<i>fitted as standard</i>
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	6.05", 153.6mm
Shipping Weight	15.3lbs., 7 kg.

Thiele-Small Parameters

Resonant Frequency (fs)	41Hz
Impedance (Re)	6.30 ohms
Coil Inductance (Le)	1.49mH
Electromagnetic Q (Qes)	0.64
Mechanical Q (Qms)	6.65
Total Q (Qts)	0.58
Compliance Equivalent Volume (Vas)	186.1 liters 6.57 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	408cc
Mechanical Compliance of Suspension (Cms)	0.18mm/N
BL Product (BL)	14.5 T-M
Diaphragm Mass inc. Airlod (Mms)	82 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	3.19N*sec/M
Efficiency Bandwidth Product (EBP)	65
Voice Coil Overhang (Xmax)	4.8mm
Surface Area of Cone (Sd)	856.3cm ²
Impedance at Resonance (Zmax)	72 ohms
Maximum Linear Excursion (Xmech)	33.02mm

Eminence Speaker LLC
P. O. Box 360
Eminence, Kentucky 40019
USA
502.845.5622 phone
502.845.5653 fax
info@eminence.com
www.eminence.com



Application Notes

Eminence LF models are specially designed with extended Xmax to deliver more bass than standard models and provide 'a true woofer' for three-way applications. Performance optimized for high power bass in sound reinforcement systems, bass guitar combos, club music systems and stage monitors.

Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 29ga., copper voice coil for improved power handling and durability
- Ferrite Magnet
- Vented and extended core for increased power handling
- Premium pressed steel basket for maximum strength
- Paper cone
- Rolled cloth cone edge with deep corrugations for extended Xmax
- Solid composition paper dust cap

