

## KAPPA 15LF

Nominal Basket Diameter	15", 381mm
Impedance	8 ohms
Power Rating	600Wrms
Resonance	39Hz
Usable Frequency Range	35Hz - 3kHz
Sensitivity	<a href="#">see chart on web</a>
Magnet Weight	95oz.
Gap Height	0.375", 9.52mm
Voice Coil Diameter	3.0", 76.2mm

### Mounting Information

Recommended Enclosure Volume (vented)	82 - 139 liters 2.9 - 4.9 cu. ft.
Overall Diameter	15.16", 384.9mm
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	6.375", 162mm
Shipping Weight	22.1 lbs., 10 kg.

### Thiele-Small Parameters

Resonant Frequency (fs)	39Hz
Impedance (Re)	5.4 ohms
Coil Inductance (Le)	1.27mH
Electromagnetic Q (Qes)	0.41
Mechanical Q (Qms)	6.08
Total Q (Qts)	0.38
Compliance Equivalent Volume (Vas)	159 liters 5.6 cu. ft. 471cc
Peak Diaphragm Displacement Volume (Vd)	0.15mm/N
Mechanical Compliance of Suspension (Cms)	18.6 T-M
BL Product (BL)	105 grams
Diaphragm Mass inc. Airlod (Mms)	
Equiv. Resistance of Mechanical Suspension Loss (Rms)	4.28N*sec/M
Efficiency Bandwidth Product (EBP)	97
Voice Coil Overhang (Xmax)	5.5mm
Surface Area of Cone (Sd)	856.3cm <sup>2</sup>
Impedance at Resonance (Zmax)	86 ohms
Maximum Linear Excursion (Xmech)	20.83mm

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### 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. This unit has been designed to give a clean extended bass response in ported cabinets of approx. 110 liters (3.9 cu. ft.). An ideal speaker for portable high power P.A. and club system applications.

### Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 28ga., copper voice coil for improved power-handling and durability
- Ferrite Magnet
- Vented 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

