



KAPPA PRO 15LF - 2

Nominal Basket Diameter	15", 381mm
Impedance	8 ohms
Power Rating	600Wrms
Resonance	35Hz
Usable Frequency Range	40Hz - 4kHz
Sensitivity	see chart on web
Magnet Weight	120oz.*
Gap Height	0.375", 9.52mm
Voice Coil Diameter	3.0", 76.2mm

Mounting Information

Recommended Enclosure Volume (vented)	82 - 139 liters
Overall Diameter	2.9 - 4.9 cu. ft.
Baffle Hole Diameter	15.32", 389mm
Front Sealing Gasket	14.0", 355.5mm
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	<i>fitted as standard</i>
Mounting Holes B.C.D.	0.275", 7mm
Depth	14.56", 369.9mm
Shipping Weight	6.57", 167mm
	25.4lbs., 12 kg.

Thiele-Small Parameters

Resonant Frequency (fs)	35Hz
Impedance (Re)	6.12 ohms
Coil Inductance (Le)	1.04mH
Electromagnetic Q (Qes)	0.32
Mechanical Q (Qms)	9.57
Total Q (Qts)	0.31
Compliance Equivalent Volume (Vas)	172.5 liters
	6 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	459cc
Mechanical Compliance of Suspension (Cms)	0.21mm/N
BL Product (BL)	20.36 T-M
Diaphragm Mass inc. Airlod (Mms)	100 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	2.284N*sec/M
Efficiency Bandwidth Product (EBP)	107
Voice Coil Overhang (Xmax)	6.03mm
Surface Area of Cone (Sd)	760.4cm ²
Maximum Linear Excursion (Xmech)	34.45mm



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 specially designed to give a clean extended bass response in ported cabinets of approx. 110 liter (3.9 cu. ft.). An ideal speaker for portable high power P.A. and club music systems.

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 (*recently improved with 120oz. magnet)
- Vented and extended core for increased power-handling
- Die-cast aluminum basket for rigidity
- Paper cone
- Rolled cone edge with deep corrugations for extended Xmax
- Solid composition paper dust cap

*** Made an improvement to the Kappa Pro-15LF on 08/04/03 by increasing the magnet size.**

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