



**KILOMAX® 15**

Nominal Basket Diameter	15", 381mm
Impedance	8 ohms
Power Rating	1,250Wrms
Resonance	41Hz
Usable Frequency Range	35Hz - 1.5kHz
Sensitivity	<a href="#">see chart on web</a>
Magnet Weight	109oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	4.0", 101.6mm



**Mounting Information**

Recommended Enclosure Volume (vented)	92 - 150 liters
Overall Diameter	3.25 - 5.30 cu. ft.
Baffle Hole Diameter	15.21", 386.4mm
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	6.42" 163mm
	28lbs., 12.7 kg.

**Application Notes**

For Esoteric high power bass applications

**Materials of Construction**

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 26ga., copper voice coil for improved power handling and durability
- Ferrite Magnet
- 0.25" extended core for greater cone travel and increased power handling
- Die-cast aluminum basket for rigidity
- Paper cone
- Kilomax® aluminum heatsink to transfer heat from the motor structure
- Core Periphery Ventilation

**Thiele-Small Parameters**

Resonant Frequency (fs)	41Hz
Impedance (Re)	4.97 ohms
Coil Inductance (Le)	1.78mH
Electromagnetic Q (Qes)	0.40
Mechanical Q (Qms)	8.80
Total Q (Qts)	0.39
Compliance Equivalent Volume (Vas)	154.5 liters
	5.46 cu. ft.
	680cc
Peak Diaphragm Displacement Volume (Vd)	0.15mm/N
Mechanical Compliance of Suspension (Cms)	17.7 T-M
BL Product (BL)	98 grams
Diaphragm Mass inc. Airload (Mms)	2.91N*sec/M
Equiv. Resistance of Mechanical Suspension Loss (Rms)	102
Efficiency Bandwidth Product (EBP)	7.9mm
Voice Coil Overhang (Xmax)	856.3cm <sup>2</sup>
Surface Area of Cone (Sd)	113 ohms
Impedance at Resonance (Zmax)	26.92mm
Maximum Linear Excursion (Xmech)	

**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**

