



**KILOMAX® 18**

Nominal Basket Diameter	18", 457.2mm
Impedance	8 ohms
Power Rating	1,250Wrms
Resonance	33Hz
Usable Frequency Range	25Hz - 600Hz
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)	212 - 354 liters 7.5 - 12.5 cu. ft.
Overall Diameter	18", 457.2mm
Baffle Hole Diameter	16.56", 420mm
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.	17.25", 438.2mm
Depth	8.15" 207mm
Shipping Weight	32lbs., 14.6 kg.

**Application Notes**

For Esoteric high power bass applications

**Thiele-Small Parameters**

Resonant Frequency (fs)	33Hz
Impedance (Re)	5.84 ohms
Coil Inductance (Le)	2.38mH
Electromagnetic Q (Qes)	0.58
Mechanical Q (Qms)	14.24
Total Q (Qts)	0.56
Compliance Equivalent Volume (Vas)	239.9 liters 8.47 cu. ft. 1141cc
Peak Diaphragm Displacement Volume (Vd)	0.13mm/N
Mechanical Compliance of Suspension (Cms)	19.7 T-M
BL Product (BL)	186 grams
Diaphragm Mass inc. Airlod (Mms)	2.69N*sec/M
Equiv. Resistance of Mechanical Suspension Loss (Rms)	57
Efficiency Bandwidth Product (EBP)	9.8mm
Voice Coil Overhang (Xmax)	1159cm <sup>2</sup>
Surface Area of Cone (Sd)	150 ohms
Impedance at Resonance (Zmax)	38.10mm
Maximum Linear Excursion (Xmech)	

**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

**\*\*The Kilomax 18 woofer is best suited for standard ported enclosures. Eminence does not recommend the Kilomax 18 for horn loaded applications, folded horns, W bins, or for use without a high-pass filter.**

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