KILOMAX® 18

Nominal Basket Diameter	18", 457.2mm
Impedance	4 ohms
Power Rating	1,250Wrms
Resonance	32Hz
Usable Frequency Range	25Hz - 600Hz
Sensitivity	see chart on web
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	*fitted as standard*
Rear Sealing Gasket	*fitted as standard*
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.

Thiele-Small Parameters

Resonant Frequency (fs)	32Hz
Impedance (Re)	2.86 ohms
Coil Inductance (Le)	0.95mH
Electromagnetic Q (Qes)	0.59
Mechanical Q (Qms)	10.30
Total Q (Qts)	0.56
Compliance Equivalent Volume (Vas)	307.3 liters 10.85 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	1141cc
Mechanical Compliance of Suspension (Cms)	0.16mm/N
BL Product (BL)	12.37 T-M
Diaphragm Mass inc. Airload (Mms)	158 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	3.05N*sec/M
Efficiency Bandwidth Product (EBP)	54
Voice Coil Overhang (Xmax)	9.8mm
Surface Area of Cone (Sd)	1159cm^2

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

**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.