

Specification

Nominal Basket Diameter	18", 457.2mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	1250W
Music Program	2500W
Resonance	33Hz
Usable Frequency Range***	33Hz-600Hz
Sensitivity	95.5
Magnet Weight	109 oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	4", 101.6mm

Thiele & Small Parameters

Resonant Frequency (fs)	33Hz
DC Resistance (Re)	5.84
Coil Inductance (Le)	2.38mH
Mechanical Q (Qms)	14.24
Electromagnetic Q (Qes)	0.58
Total Q (Qts)	0.56
Compliance Equivalent Volume (Vas)	239.9 liters / 8.5 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	1136cc
Mechanical Compliance of Suspension (Cms)	0.13mm/N
BL Product (BL)	19.7 T-M
Diaphragm Mass inc. Airlod (Mms)	186 grams
Efficiency Bandwidth Product (EBP)	57
Maximum Linear Excursion (Xmax)	9.8mm
Surface Area of Cone (Sd)	1159.0 cm2
Maximum Mechanical Limit (Xlim)	19.1mm

Mounting Information

Recommended Enclosure Volume	
Sealed	133-147 liters/4.7-5.2cu.ft.
Vented	144-258 liters/5.1-9.1cu.ft.
Overall Diameter	18", 457.2mm
Baffle Hole Diameter	16.56", 420.6mm
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
Net Weight	27.4 lbs., 12.4 kg
Shipping Weight	30.9 lbs., 14 kg

Materials of Construction

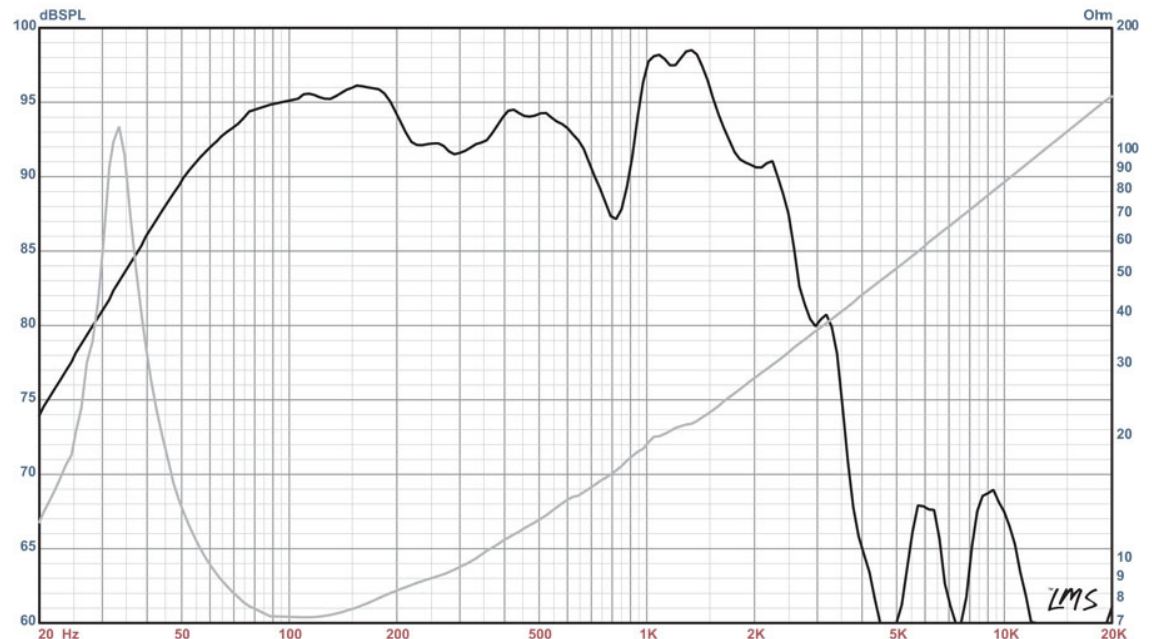
Copper voice coil
 Polyimide former
 Ferrite magnet
 Extended core with Core Periphery Ventilation
 Die-cast aluminum basket
 Paper Cone
 Cloth cone edge
 Porous cloth top spider/ heatsink


EMINENCE®
 The Art and Science of Sound



KILOMAX® PRO 18A Professional Series

Recommended for professional audio subwoofer and woofer applications in sealed and vented enclosures. Not for horn-loading or scoops.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

*** The average output across the usable frequency range when applying 1W/1M into the nominal impedance. ie: 2.83V/8ohms, 4V/16ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1w/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)