

Specification

Nominal Basket Diameter	12", 305mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	450W
Music Program	900W
Resonance	37Hz
Usable Frequency Range***	46Hz-2.0kHz
Sensitivity	95.5
Magnet Weight	11 oz.
Gap Height	0.365", 9.27mm
Voice Coil Diameter	3", 76.2mm

Thiele & Small Parameters

Resonant Frequency (fs)	37.02Hz
DC Resistance (Re)	5.6
Coil Inductance (Le)	<<coil_induct>>
Mechanical Q (Qms)	<<mechanical_q>>
Electromagnetic Q (Qes)	0.34
Total Q (Qts)	0.32
Compliance Equivalent Volume (Vas)	106.65 liters / 3.77 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	496cc
Mechanical Compliance of Suspension (Cms)	0.26mm/N
BL Product (BL)	16.7 T-M
Diaphragm Mass inc. Airlod (Mms)	72.4 grams
Efficiency Bandwidth Product (EBP)	109.7
Maximum Linear Excursion (Xmax)	9.1mm
Surface Area of Cone (Sd)	545.4 cm2
Maximum Mechanical Limit (Xlim)	14.5mm

Mounting Information

Recommended Enclosure Volume	
Sealed	23-59 liters/1.3-3.0 cu.f.t
Vented	37-85 liters/1.3-3.0 cu.ft.
Overall Diameter	12.38", 314.45mm
Baffle Hole Diameter	11.06", 280.9mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.28", 7.1mm
Mounting Holes B.C.D.	11.62", 295.2mm
Depth	6.00", 152.4mm
Net Weight	7.6 lbs, 3.45 kg
Shipping Weight	9.2 lbs., 4.17 kg

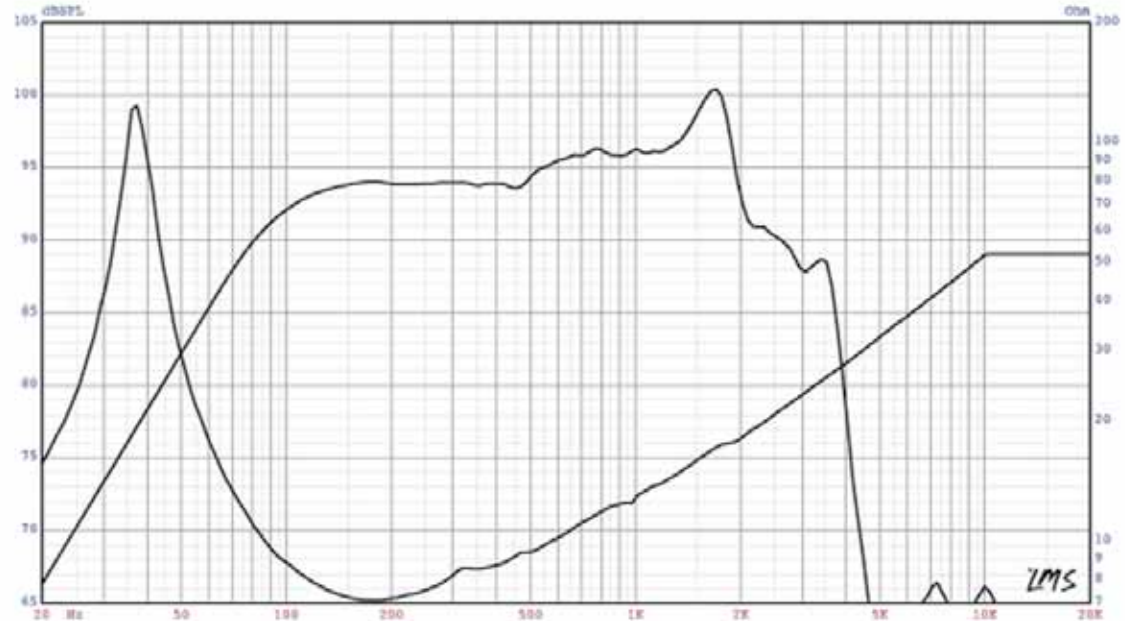
Materials of Construction

Copper Voice coil
 Kapton former
 Neodymium magnet
 Vented core
 Die-cast aluminum basket
 Treated Paper Cone
 Sealed Cloth Edge
 Treated paper dust cap



KAPPALITE™ 3012LF Neodymium

Recommended for professional audio and bass in a vented enclosure.



* 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)