

## SPECIFICATION

Nominal Basket Diameter	12", 305mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	400W
Music Program	800W
Resonance	52Hz
Usable Frequency Range***	51Hz-3.50kHz
Sensitivity	100.50
Magnet Weight	11 oz.
Gap Height	0.36", 9.27mm
Voice Coil Diameter	3", 76.20mm

## THIELE & SMALL PARAMETERS

Resonant Frequency (fs)	51.50Hz
DC Resistance (Re)	5.50
Coil Inductance (Le)	0.57mH
Mechanical Q (Qms)	8.39
Electromagnetic Q (Qes)	0.33
Total Q (Qts)	0.32
Compliance Equivalent Volume (Vas)	81.10 liters / 2.86 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	330.00cc
Mechanical Compliance of Suspension (Cms)	0.20mm/N
BL Product (BL)	15.90 T-M
Diaphragm Mass inc. Airlod (Mms)	46.90 grams
Efficiency Bandwidth Product (EBP)	157.40
Maximum Linear Excursion (Xmax)	6.20mm
Surface Area of Cone (Sd)	532.40 cm2
Maximum Mechanical Limit (Xlim)	12.50mm

## MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	28.00-76.00 liters/1.00-2.70cu.ft.
Vented	41.00-110.00 liters/1.50-3.90 cu.ft.
Overall Diameter	12.38", 314.45mm
Baffle Hole Diameter	11.06", 280.90mm
Front Sealing Gasket	Fitted as standard
Rear Sealing Gasket	Fitted as standard
Mounting Holes Diameter	0.28", 7.10mm
Mounting Holes B.C.D.	11.62", 295.20mm
Depth	5.63", 143mm
Net Weight	7.10 lbs., 3.22 kg
Shipping Weight	8.70 lbs., 3.95 kg

## MATERIALS OF CONSTRUCTION

Aluminum voice coil  
 Kapton  
 Neodymium magnet  
 Vented core  
 Die-cast aluminum basket  
 Treated Paper Cone  
 Sealed Cloth Surround  
 Treated paper dust cap



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## KAPPALITE™ 3012HO NEODYMIUM SERIES

Recommended for vented professional audio enclosures for full-range or as mids.



\* 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)