

Specification

Nominal Basket Diameter	15", 381mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	700W
Music Program	1400W
Resonance	42Hz
Usable Frequency Range***	35Hz-1.2kHz
Sensitivity	96
Magnet Weight	109 oz
Gap Height	0.375", 9.53mm
Voice Coil Diameter	4", 101.6mm

Thiele & Small Parameters

Resonant Frequency (fs)	42Hz
DC Resistance (Re)	5.04
Coil Inductance (Le)	1.49mH
Mechanical Q (Qms)	6.73
Electromagnetic Q (Qes)	0.54
Total Q (Qts)	0.5
Compliance Equivalent Volume (Vas)	115.5 ltr/4.1 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	786cc
Mechanical Compliance of Suspension (Cms)	0.11mm/N
BL Product (BL)	18.4 T-M
Diaphragm Mass inc. Airlod (Mms)	139 grams
Efficiency Bandwidth Product (EBP)	77
Maximum Linear Excursion (Xmax)	9.0mm
Surface Area of Cone (Sd)	872.9cm ²
Maximum Mechanical Limit (Xlim)	15.5mm

Mounting Information

Recommended Enclosure Volume	
Sealed	48-57 ltr/1.7-2.0 cu. ft.
Vented	82-181 ltr/2.9-6.4 cu. ft.
Overall Diameter	15.21", 386.3mm
Baffle Hole Diameter	14.0", 355.6mm
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	Fitted as Standard
Mounting Holes Diameter	0.28", 7mm
Mounting Holes B.C.D.	14.56", 369.8mm
Depth	6.56", 166.7mm
Net Weight	23.7 lbs, 10.8 kg
Shipping Weight	26 lbs, 11.8 kg

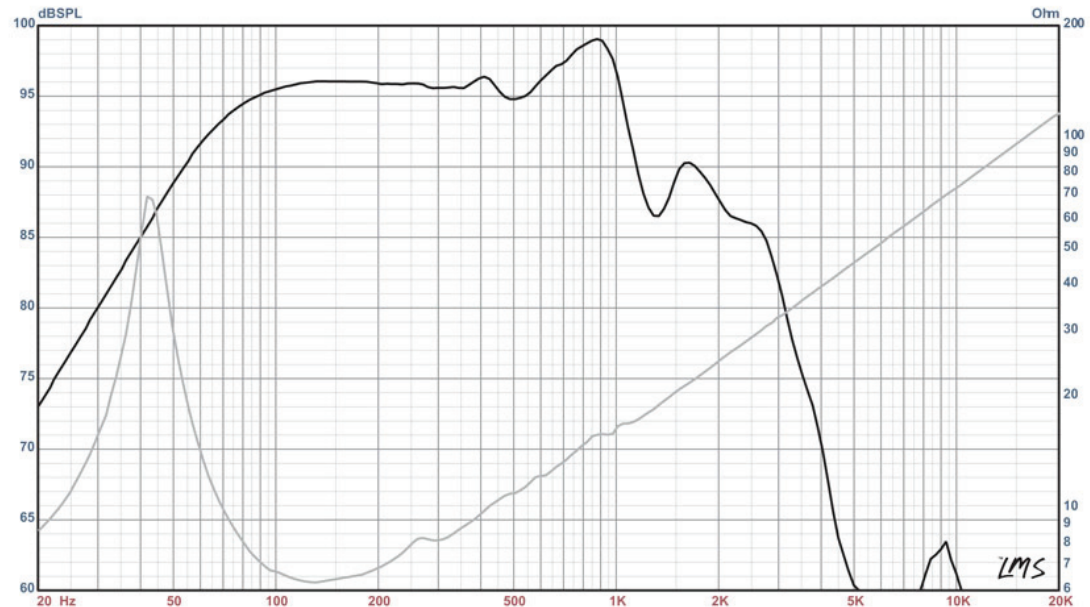
Materials of Construction

Coil Construction	Copper
Coil	Polyimide
Magnet Composition	Ferrite
Core Details	Under cu. With Copper Shorting Ring And Periphery Ventilation
Basket Materials	Die-Cast Aluminum
Cone Composition	Acrylic Wetlook Paper
Cone Edge Composition	Cloth
Dust Cap Composition	Acrylic Wetlook Paper



DEFINIMAX™ 4015LF Professional Series

Recommended for professional audio and bass guitar as a low distortion woofer or subwoofer in vented enclosures. Also works in a sealed enclosure for bass guitar.



* Please inquire about alternative impedances.

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

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

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 | 2 ft. X 2 ft. 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)