Specification

Nominal Basket Diameter	15”, 381mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	800W
Music Program	1600W
Resonance	33Hz
Usable Frequency Range***	51Hz-1.7kHz
Sensitivity	97.3
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)	5.28
Coil Inductance (Le)	1.04mH
Mechanical Q (Qms)	5.69
Electromagnetic Q (Qes)	0.33
Total Q (Qts)	0.32
Compliance Equivalent Volume (Vas)	258.5 liters / 9.1 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	411cc
Mechanical Compliance of Suspension (Cms)	0.25mm/N
BL Product (BL)	17.5 T-M
Diaphragm Mass inc. Airload (Mms)	94 grams
Efficiency Bandwidth Product (EBP)	99
Maximum Linear Excursion (Xmax)	4.8mm
Surface Area of Cone (Sd)	856.3 cm2
Maximum Mechanical Limit (Xlim)	12.2mm

Mounting Information

Recommended Enclosure Volume	
Vented	57-108 liters/ 2-3.8 cu.ft.
Overall Diameter	15.21”, 386.4mm
Baffle Hole Diameter	14.0”, 355.6mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.28”, 7.1mm
Mounting Holes B.C.D.	14.56”, 369.9mm
Depth	6.35”, 161mm
Net Weight	22.7 lbs., 10.3 kg
Shipping Weight	25.2 lbs., 11.4 kg

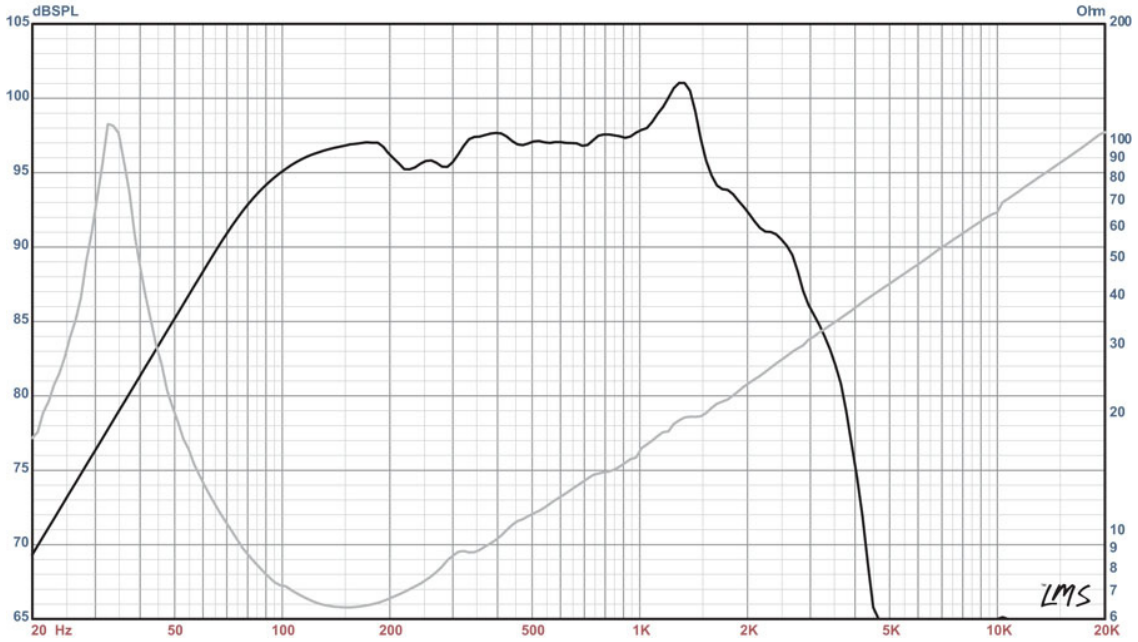
Materials of Construction

Copper voice coil
Polyimide former
Ferrite magnet
Vented and extended core
Die-cast aluminum basket
Paper Cone
Cloth cone edge
Solid composition paper dust cap

EMINENCE®
The Art and Science of Sound

OMEGA PRO-15A Professional Series

Recommended for professional audio as a woofer in vented enclosures. Also good for horn loading and 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)