

Specification

Nominal Basket Diameter	15", 381mm
Nominal Impedance*	8 ohms
Power Rating**	300W
Resonance	33Hz
Usable Frequency Range***	48Hz-3.3kHz
Sensitivity	98.6
Magnet Weight	59 oz.
Gap Height	0.312", 7.92mm
Voice Coil Diameter	2", 50.8mm

Thiele & Small Parameters

Resonant Frequency (fs)	33Hz
DC Resistance (Re)	5.98
Coil Inductance (Le)	1.73mH
Mechanical Q (Qms)	5.13
Electromagnetic Q (Qes)	0.32
Total Q (Qts)	0.30
Compliance Equivalent Volume (Vas)	314.1 liters / 11.1 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	257cc
Mechanical Compliance of Suspension (Cms)	0.31mm/N
BL Product (BL)	17.2 T-M
Diaphragm Mass inc. Airload (Mms)	78 grams
Efficiency Bandwidth Product (EBP)	103
Maximum Linear Excursion (Xmax)	3.0mm
Surface Area of Cone (Sd)	856.3 cm ²
Maximum Mechanical Limit (Xlim)	11.8mm

Mounting Information

Recommended Enclosure Volume	
Vented	40-136 liters/1.4-4.8 cu.ft.
Overall Diameter	15.15", 384.8mm
Baffle Hole Diameter	13.77", 349.6mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	5.94", 151mm
Net Weight	11.8 lbs., 5.4 kg
Shipping Weight	14.1 lbs., 6.4 kg

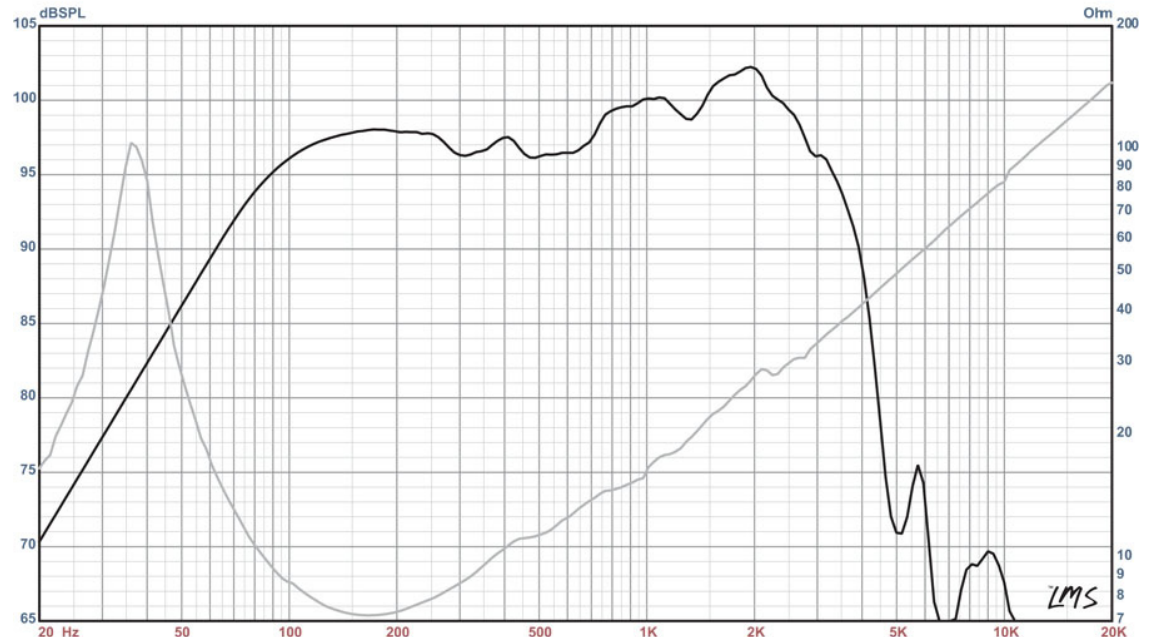
Materials of Construction

Aluminum voice coil
Polyimide former
Ferrite magnet
Vented core
Pressed steel basket
Paper Cone
Cloth cone edge
Solid composition paper dust cap



GAMMA 15A-2 American Standard Series

Recommended for vented professional audio enclosures as a mid/hi or full-range and monitor; also 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, 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)