Specification

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

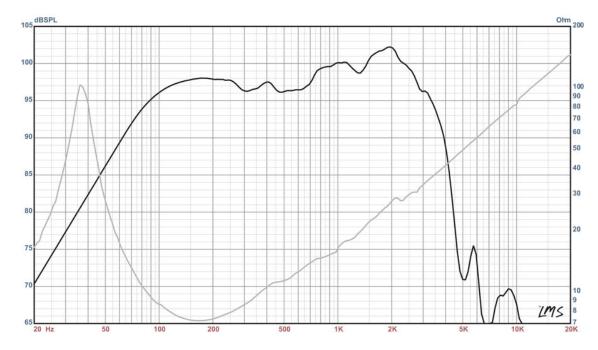






GAMMA 15A-2 American Standard Series

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. le: 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 | Haffler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)

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 0.30 Total Q (Qts) 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 cm2 Maximum Mechanical Limit (Xlim) 11.8mm

Mounting Information

Recommended Enclosure Volume

40-136 liters/1.4-4.8 cu.ft. Vented 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

