

Specification

Nominal Basket Diameter	18", 457mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	425W
Music Program	
Resonance	29Hz
Usable Frequency Range***	40Hz-1.0kHz
Sensitivity	97.7
Magnet Weight	80oz
Gap Height	.39", 10.01mm
Voice Coil Diameter	3.0", 76.2mm

Thiele & Small Parameters

Resonant Frequency (fs)	29Hz
DC Resistance (Re)	5.7
Coil Inductance (Le)	1.16mH
Mechanical Q (Qms)	6.43
Electromagnetic Q (Qes)	0.43
Total Q (Qts)	0.4
Compliance Equivalent Volume (Vas)	521.72 ltr./18.42cuft
Peak Diaphragm Displacement Volume (Vd)	538.30cc
Mechanical Compliance of Suspension (Cms)	.27mm/N
BL Product (BL)	16.6 T-M
Diaphragm Mass inc. Airload (Mms)	114.0 grams
Efficiency Bandwidth Product (EBP)	67
Maximum Linear Excursion (Xmax)	4.6mm
Surface Area of Cone (Sd)	1178.0cm ²
Maximum Mechanical Limit (Xlim)	9.5mm

Mounting Information

Recommended Enclosure Volume	
Sealed	85-156 liters / 3.0-5.5 cuft
Vented	113-244 liters / 4.0-8.6 cuft
Overall Diameter	18.00", 457.20mm
Baffle Hole Diameter	16.60", 421.64mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	.28", 7.11mm
Mounting Holes B.C.D.	17.25", 438.15mm
Depth	7.60", 193.04mm
Net Weight	19.5 lbs, 8.85 kg
Shipping Weight	

Materials of Construction

Coil Construction	Copper
Coil Former	Polyimide
Magnet Composition	Ferrite
Motor Details	Vented Core, Bumped BackPlate
Basket Material	Aluminum
Cone Composition	Treated Paper
Cone Edge Composition	Sealed Cloth
Dust Cap Composition	Treated Paper



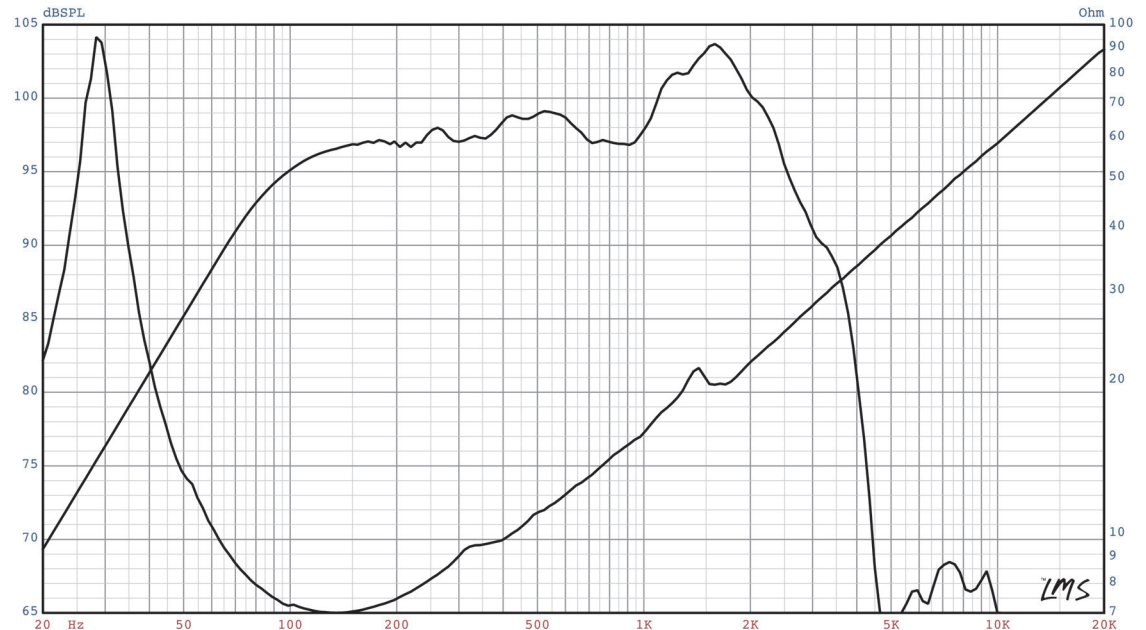


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* Please inquire about alternative impedances.

** 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)