SPECIFICATION

Nominal Basket Diameter	8”, 203.20mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	250W
Music Program	500W
Resonance	63Hz
Usable Frequency Range***	74Hz-3kHz
Sensitivity	93.30
Magnet Weight	38 oz.
Gap Height	0.31”, 7.94mm
Voice Coil Diameter	2”, 50.80mm

THIELE & SMALL PARAMETERS

Resonant Frequency (fs)	63Hz
DC Resistance (Re)	5.60
Coil Inductance (Le)	0.85mH
Mechanical Q (Qms)	8.82
Electromagnetic Q (Qes)	0.34
Total Q (Qts)	0.33
Compliance Equivalent Volume (Vas)	19.99 liters / 0.71 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	67.20cc
Mechanical Compliance of Suspension (Cms)	0.32mm/N
BL Product (BL)	11.10 T-M
Diaphragm Mass inc. Airload (Mms)	18.30 grams
Efficiency Bandwidth Product (EBP)	193.10
Maximum Linear Excursion (Xmax)	3.20mm
Surface Area of Cone (Sd)	210 cm2
Maximum Mechanical Limit (Xlim)	6.90mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	3-10 liters/0.1-0.4 cu.ft.
Vented	8-21 liters/0.3-0.8 cu.ft.
Overall Diameter	8.24”, 209.30mm
Baffle Hole Diameter	7.13”, 181.10mm
Front Sealing Gasket	Fitted as standard
Rear Sealing Gasket	Fitted as standard
Mounting Holes Diameter	0.22”, 5.60mm
Mounting Holes B.C.D.	7.75”, 196.90mm
Depth	3.50”, 88.90mm
Net Weight	6.80 lbs., 3.10 kg
Shipping Weight	7.50 lbs., 3.40 kg

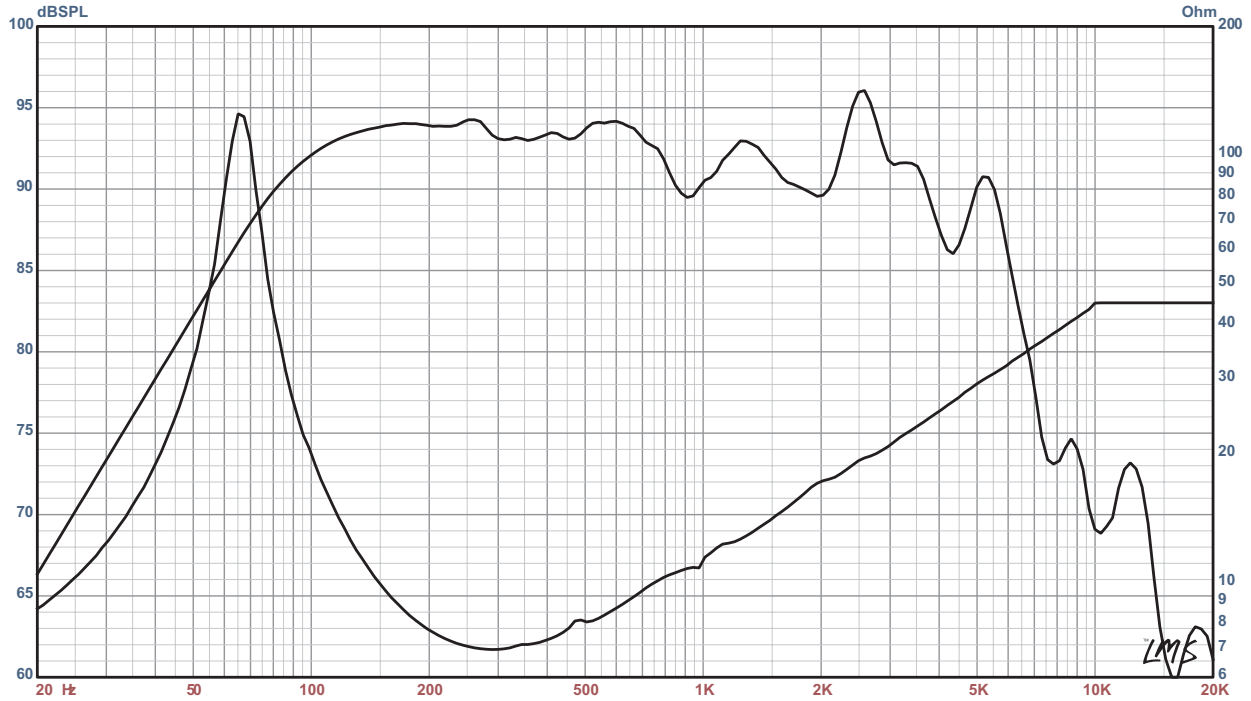
MATERIALS OF CONSTRUCTION

Copper voice coil
Kapton former
Ferrite magnet
Tapered Coax
Pressed steel basket
Treated Paper Cone
Sealed Cloth cone edge
Zurette dust cap

EMINENCE®
The Art and Science of Sound

BETA-8CX AMERICAN STANDARD SERIES

Recommended for professional audio mid-range reproduction in sealed enclosures. Also suitable for mid-bass or floor monitor applications in vented 2-way cabinets.



* 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)