BETA-8CX

Recommended for professional audio midrange reproduction in sealed enclosures. Also suitable for midbass or floor monitor applications in vented 2-way cabinets. A great choice for home hi-fi, satellites, and acoustic guitar applications.

- **500 W** Program Power
- **8"** Nominal Diameter
- **8 Ω**

The data for this coaxial woofer was calculated with the ASD:1001 driver screwed into the woofer, but not active.

APPLICATION		ENCLOSURE	
Midrange	✔	Sealed Box	✔
Midbass	✔	Vented Box	✔
Woofer	✔	Scoop Loading	
Subwoofer		Horn Loading	
Bass Guitar			

SPECIFICATION

Nominal Basket Diameter	8", 203 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	500 W
Nominal Power	250 W
Resonance	62 Hz
Usable Frequency Range	95 Hz – 3.3 kHz
Sensitivity*	92.9 dB
Magnet Weight	38 oz.
Gap Height	0.312", 7.9 mm
Voice Coil Diameter	2", 51 mm

THIELE & SMALL PARAMETERS

Fs	62 Hz
Re	5.37 Ω
Le	0.67 mH
Qms	6.57
Qes	0.31
Qts	0.29
Vas	0.76 cu.ft., 21.43 liters
Vd	67.2 cc
Cms	0.35 mm/N
BL	11.21 T-M
Mms	19 grams
EBP	201
Xmax	3.2 mm
Sd	210 cm2
Xlim	6.9 mm

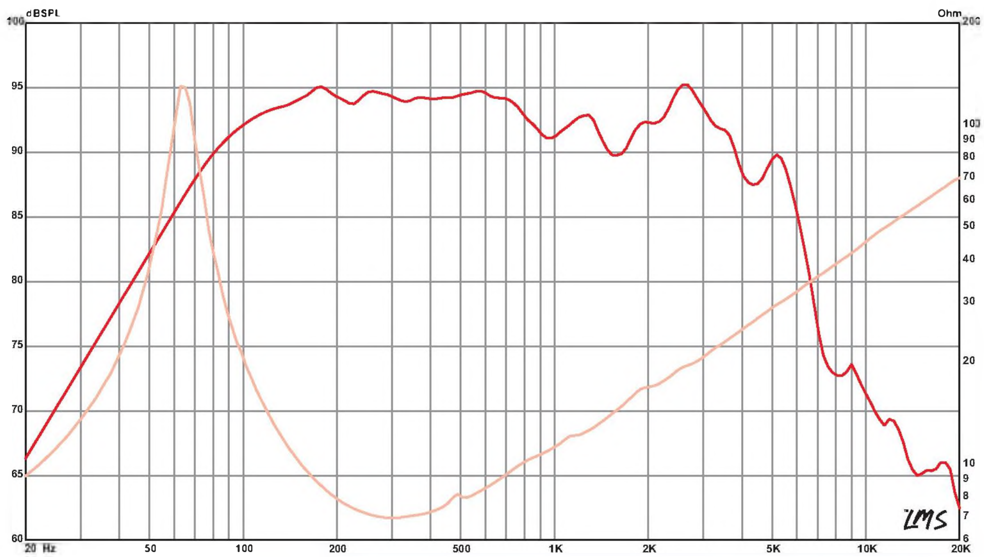
MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	3.4–9.91 liters,
	0.12–0.35 cu.ft.
Vented	7.08–16.99 liters,
	0.25–0.6 cu.ft.
Driver Volume Displaced	0.028 cu.ft., 0.79 liters
Overall Diameter	8.24", 209.3 mm
Baffle Hole Diameter	7.13", 181.1 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.22", 5.6 mm
Mounting Holes B.C.D.	7.75", 196.9 mm
Depth	3.5", 88.9 mm
Net Weight	6.8 lbs , 3.08 kg
Shipping Weight	7.5 lbs , 3.4 kg

MATERIALS OF CONSTRUCTION

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

FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 155 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.