BETA-6A

High power 6.5 inch midbass driver for use in concert sound systems or in high power auto sound as a midbass or a midrange driver. Works well in tiny sealed or vented enclosures, and in infinite baffles too.

- **350 W** Program Power
- **6.5"** Nominal Diameter
- **8 Ω**

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

SPECIFICATION

Nominal Basket Diameter	6.5", 165 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	350 W
Nominal Power	175 W
Resonance	123 Hz
Usable Frequency Range	95 Hz – 4 kHz
Sensitivity*	94 dB
Magnet Weight	30 oz.
Gap Height	0.25", 6.4 mm
Voice Coil Diameter	2", 51 mm

THIELE & SMALL PARAMETERS

Fs	123 Hz
Re	5.18 Ω
Le	0.43 mH
Qms	3.46
Qes	0.66
Qts	0.56
Vas	0.12 cu.ft., 3.51 liters
Vd	61.1 cc
Cms	0.15 mm/N
BL	8.13 T-M
Mms	11 grams
EBP	185
Xmax	4.5 mm
Sd	129.9 cm2
Xlim	5.7 mm

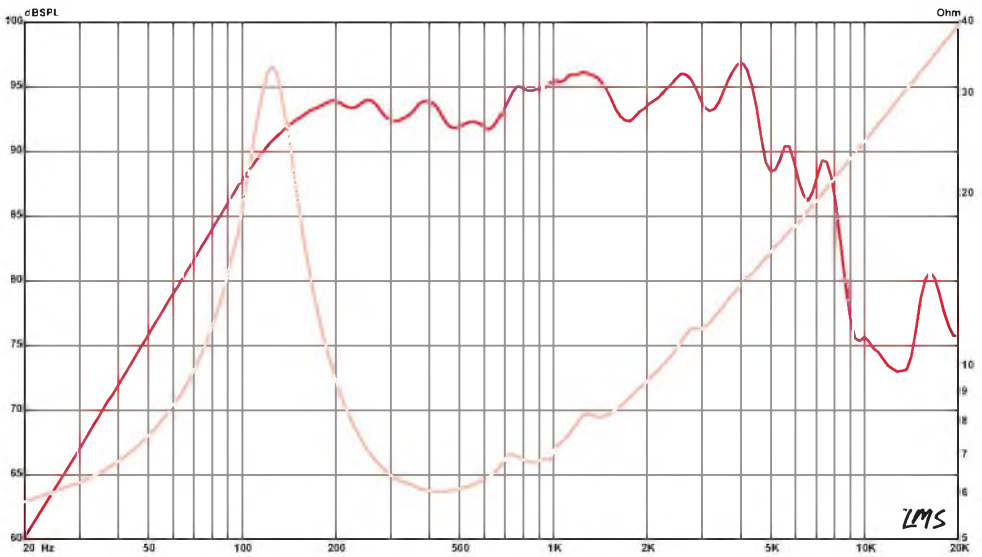
MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	2.38–9999.99 liters, 0.08–9999.99 cu.ft.
Vented	5.1–14.16 liters, 0.18–0.5 cu.ft.
Driver Volume Displaced	0.021 cu.ft., 0.6 liters
Overall Diameter	6.59", 167.4 mm
Baffle Hole Diameter	5.65", 143.5 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.23", 5.8 mm
Mounting Holes B.C.D.	6.06", 153.9 mm
Depth	2.66", 67.6 mm
Net Weight	5.6 lbs , 2.54 kg
Shipping Weight	6.3 lbs , 2.86 kg

MATERIALS OF CONSTRUCTION

- Aluminum voice coil
- Polyimide former
- Ferrite magnet
- Vented and extended core
- Pressed steel basket
- Water resistant paper cone
- Treated cloth cone edge
- Water resistant treated paper dust cap

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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