AMERICAN STANDARD SERIES

DELTA-12LFA

Low frequency woofer for pro audio midbass or floor monitor applications in a sealed enclosure. Also suitable as a woofer in vented bass guitar or PA enclosures.

- **1000 W** Program Power
- **12"** Nominal Diameter
- **8** or **4** Ω

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

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 or 4 Ω
Power Rating*	
Program Power	1000 W
Nominal Power	500 W
Resonance	51 Hz
Usable Frequency Range	44 Hz – 3 kHz
Sensitivity*	94.6 dB
Magnet Weight	56 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	2.5", 64 mm

THIELE & SMALL PARAMETERS

Fs	51 Hz
Re	6.06 Ω
Le	1.45 mH
Qms	7.28
Qes	0.51
Qts	0.47
Vas	2.4 cu.ft., 67.9 liters
Vd	243 cc
Cms	0.19 mm/N
BL	14.1 T-M
Mms	51 grams
EBP	100
Xmax	4.8 mm
Sd	506.7 cm2
Xlim	13.5 mm

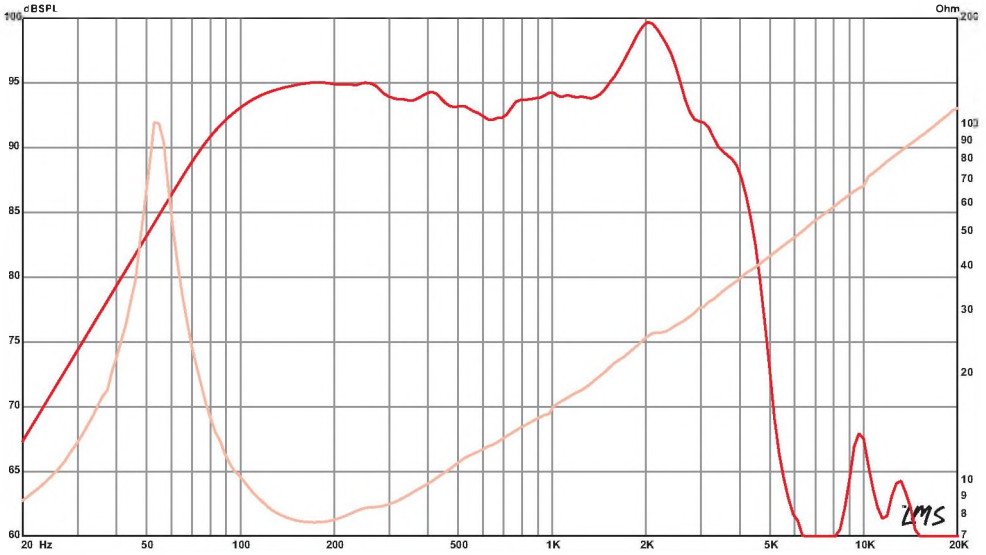
MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	19.8–28 liters, 0.7–1 cu.ft.
Vented	25.5–102 liters, 0.9–3.6 cu.ft.
Driver Volume Displaced	0.079 cu.ft., 2.25 liters
Overall Diameter	12.03", 305.6 mm
Baffle Hole Diameter	11.07", 281.2 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.59", 294.4 mm
Depth	5.35", 135.9 mm
Net Weight	11.8 lbs , 5.35 kg
Shipping Weight	14 lbs , 6.35 kg

MATERIALS OF CONSTRUCTION

Copper voice coil
Polyimide former
Ferrite magnet
Vented and extended core
Pressed steel basket
Paper cone
Cloth cone edge
Solid composition paper dust cap

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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