

# AMERICAN STANDARD SERIES

## DELTA-12A

Recommended for professional audio as a midbass or woofer (with high-pass filter) in vented enclosures.

- 800 W Program Power
- 12" Nominal Diameter
- 8 or 16  $\Omega$



APPLICATION		ENCLOSURE	
Midrange	<input checked="" type="checkbox"/>	Sealed Box	<input type="checkbox"/>
Midbass	<input checked="" type="checkbox"/>	Vented Box	<input checked="" type="checkbox"/>
Woofer	<input checked="" type="checkbox"/>	Scoop Loading	<input type="checkbox"/>
Subwoofer	<input type="checkbox"/>	Horn Loading	<input type="checkbox"/>
Bass Guitar	<input type="checkbox"/>		

### SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 or 16 $\Omega$
Power Rating*	
Program Power	800 W
Nominal Power	400 W
Resonance	55 Hz
Usable Frequency Range	54 Hz – 5 kHz
Sensitivity*	98.3 dB
Magnet Weight	56 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	2.5", 64 mm

### THIELE & SMALL PARAMETERS

Fs	55 Hz
Re	6.3 $\Omega$
Le	0.74 mH
Qms	5.27
Qes	0.46
Qts	0.43
Vas	2.87 cu.ft., 81.3 liters
Vd	125 cc
Cms	0.21 mm/N
BL	13.5 T-M
Mms	39 grams
EBP	120
Xmax	2.4 mm
Sd	519.5 cm <sup>2</sup>
Xlim	9.9 mm

### MOUNTING INFORMATION

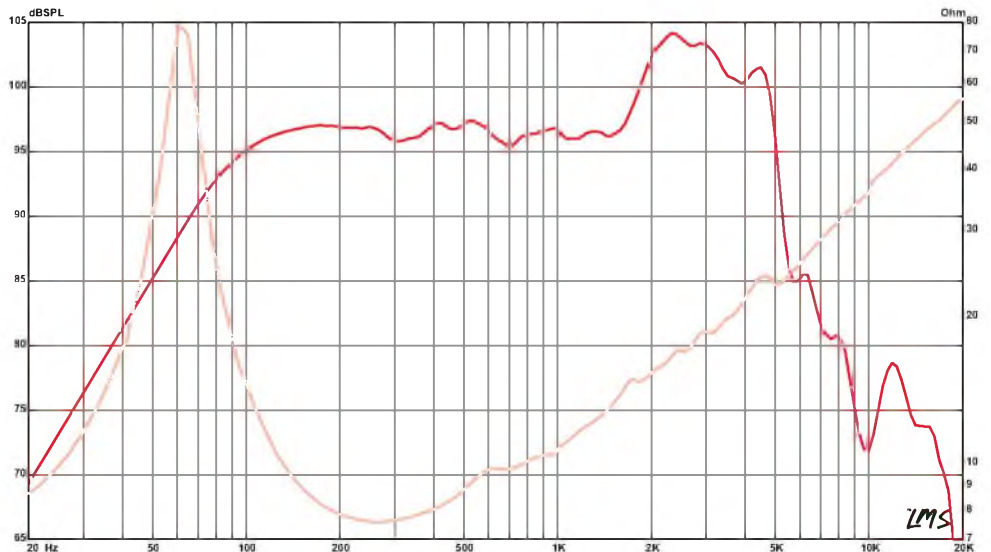
Recommended Enclosure Volume	
Sealed	N/A
Vented	25.5–85 liters, 0.9–3 cu.ft.
Driver Volume Displaced	0.079 cu.ft., 2.25 liters
Overall Diameter	12.03", 305.6 mm
Baffle Hole Diameter	11.07", 281.2 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.59", 294.4 mm
Depth	5.35", 135.9 mm
Net Weight	11.4 lbs., 5.17 kg
Shipping Weight	13.5 lbs., 6.12 kg

### MATERIALS OF CONSTRUCTION

- Aluminum voice coil
- Polyimide former
- Ferrite magnet
- Vented core
- Pressed steel basket
- Paper cone
- Cloth cone edge
- Solid composition felt dust cap



### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



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