



## AMERICAN STANDARD SERIES

# BETA-12LTA

Recommended for professional audio as a woofer in small sealed monitors, or as a PA woofer or monitor in a vented enclosure.



### SPECIFICATION

Nominal Basket Diameter	12.0", 305 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	225 W
Music Program	450 W
Resonance	45 Hz
Usable Frequency Range	48 Hz – 8.0 kHz
Sensitivity***	97.7 dB
Magnet Weight	38 oz.
Gap Height	.312", 7.9 mm
Voice Coil Diameter	2.0", 51 mm

### THIELE & SMALL PARAMETERS\*

Fs	45 Hz
Re	7.37 Ω
Le	0.83 mH
Qms	6.44
Qes	0.55
Qts	0.51
Vas	4.81 cu.ft., 136.30 liters
Vd	170.0 cc
Cms	0.34 mm/N
BL	11.70 T-M
Mms	36 grams
EBP	82
Xmax	3.20 mm
Sd	532.4 cm <sup>2</sup>
Xlim	8.0 mm

### MOUNTING INFORMATION

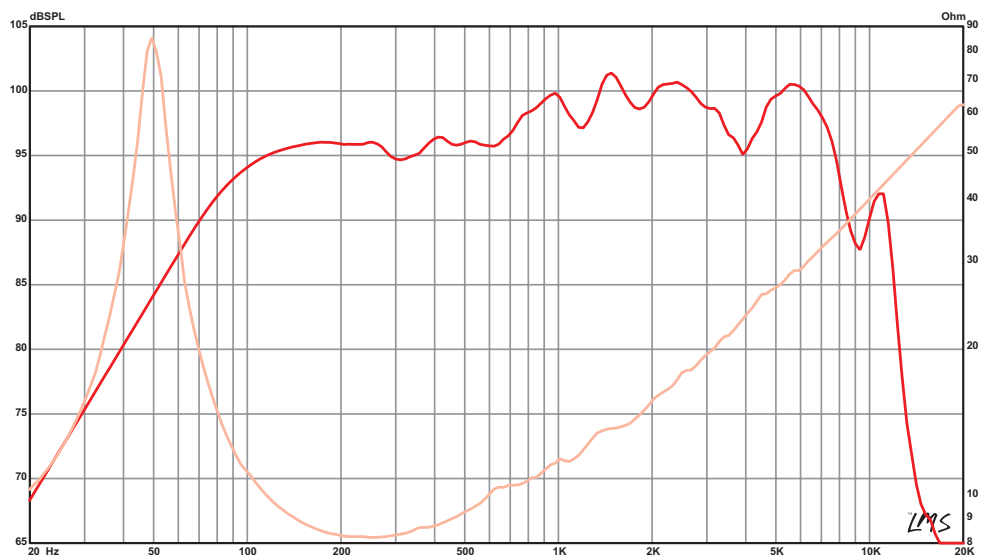
Recommended Enclosure Volume	
Sealed	14.00–51.00 liters, 0.50–1.80 cu.ft.
Vented	56.60–116.00 liters, 2.00–4.10 cu.ft.
Driver Volume Displaced	0.071 cu.ft., 2.00 liters
Overall Diameter	12.03", 305.6 mm
Baffle Hole Diameter	11.07", 281.2 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.59", 294.4 mm
Depth	4.47", 113.5 mm
Net Weight	8.10 lbs , 3.67 kg
Shipping Weight	10.20 lbs , 4.63 kg

### MATERIALS OF CONSTRUCTION

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



### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



LEARN MORE AT [EMINENCE.COM](http://EMINENCE.COM)