

AMERICAN STANDARD SERIES

BETA-15A

Recommended for professional audio as a woofer in sealed and vented enclosures. Also works great for midbass and bass guitar applications.

- 600 W Program Power
- 15" Nominal Diameter
- 8 Ω

APPLICATION		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input checked="" 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 checked="" type="checkbox"/>		



SPECIFICATION

Nominal Basket Diameter	15", 381 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	600 W
Nominal Power	300 W
Resonance	35 Hz
Usable Frequency Range	45 Hz – 3.7 kHz
Sensitivity*	98.2 dB
Magnet Weight	34 oz.
Gap Height	0.312", 7.9 mm
Voice Coil Diameter	2", 51 mm

THIELE & SMALL PARAMETERS

Fs	35 Hz
Re	6.32 Ω
Le	1.1 mH
Qms	8.1
Qes	0.63
Qts	0.58
Vas	11.82 cu. ft., 334.6 liters
Vd	330 cc
Cms	0.35 mm/N
BL	11.5 T-M
Mms	60 grams
EBP	56
Xmax	4 mm
Sd	823.7 cm ²
Xlim	11.6 mm

MOUNTING INFORMATION

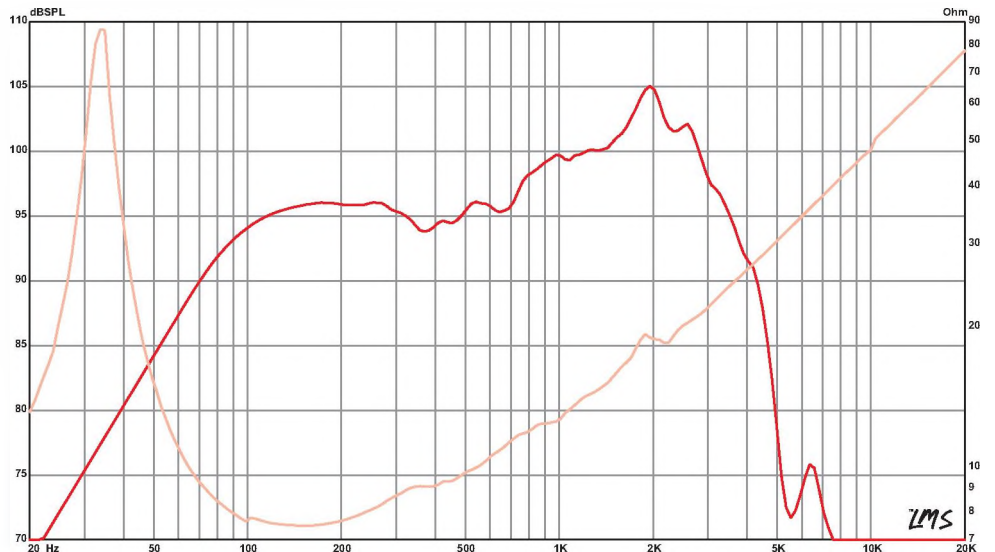
Recommended Enclosure Volume	Sealed	45–62 liters, 1.6–2.2 cu. ft.
	Vented	99–175.6 liters, 3.5–6.2 cu. ft.
Driver Volume Displaced		0.118 cu. ft., 3.33 liters
Overall Diameter		15.15", 384.8 mm
Baffle Hole Diameter		13.87", 352.3 mm
Front Sealing Gasket		Yes
Rear Sealing Gasket		Yes
Mounting Holes Diameter		0.25", 6.4 mm
Mounting Holes B.C.D.		14.56", 369.8 mm
Depth		6.05", 153.7 mm
Net Weight		8.8 lbs , 3.99 kg
Shipping Weight		10.8 lbs , 4.9 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.