

AMERICAN STANDARD SERIES

BETA-10CBMRA

Recommended for high power pro audio and car audio midrange applications. Sealed basket affords this speaker cabinet independence.

- 400 W Program Power
- 10" Nominal Diameter
- 8 Ω



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

SPECIFICATION

Nominal Basket Diameter	10", 254 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	400 W
Nominal Power	200 W
Resonance	326 Hz
Usable Frequency Range	300 Hz – 4 kHz
Sensitivity*	99.6 dB
Magnet Weight	34 oz.
Gap Height	0.313", 8 mm
Voice Coil Diameter	2", 51 mm

THIELE & SMALL PARAMETERS

Fs	326 Hz
Re	5.68 Ω
Le	0.48 mH
Qms	7.14
Qes	2.27
Qts	1.73
Vas	0.06 cu.ft., 1.7 liters
Vd	52.5 cc
Cms	0.01 mm/N
BL	9.5 T-M
Mms	18 grams
EBP	143
Xmax	1.5 mm
Sd	350.1 cm ²
Xlim	3 mm

MOUNTING INFORMATION

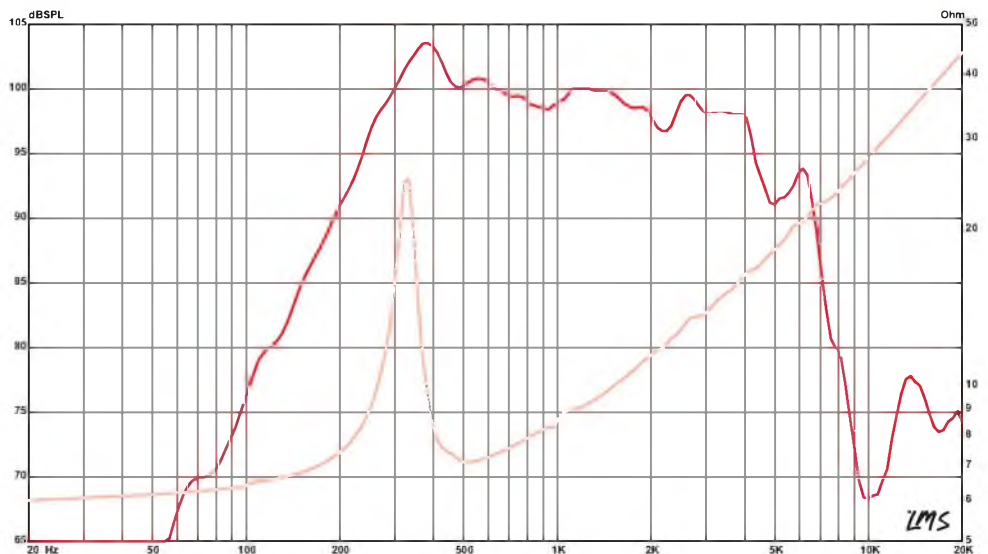
Recommended Enclosure Volume	
Sealed	N/A
Vented	N/A
Driver Volume Displaced	0.039 cu.ft., 1.1 liters
Overall Diameter	10.09", 256.3 mm
Baffle Hole Diameter	9.18", 233.2 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	9.66", 245.4 mm
Depth	3.56", 90.4 mm
Net Weight	7.3 lbs., 3.31 kg
Shipping Weight	8.3 lbs., 3.76 kg

MATERIALS OF CONSTRUCTION

Aluminum voice coil
Polyimide former
Ferrite magnet
Non-Vented 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.