

EPA-CN25 12

12" Lightweight pro audio woofer for two-way systems and MI applications.



SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	225 W
Music Program	450 W
Resonance	49 Hz
Usable Frequency Range	49 Hz – 3.5 kHz
Sensitivity***	99.5 dB
Magnet Weight	7 oz.
Gap Height	0.28", 7.1 mm
Voice Coil Diameter	2.5", 64 mm

THIELE & SMALL PARAMETERS*

Fs	49 Hz
Re	5.1 Ω
Le	0.55 mH
Qms	9.29
Qes	0.45
Qts	0.43
Vas	3.3 cu.ft., 93.51 liters
Vd	236.7 cc
Cms	0.24 mm/N
BL	12.4 T·M
Mms	44 grams
EBP	110
Xmax	4.5 mm
Sd	525.9 cm ²
Xlim	8.5 mm

MOUNTING INFORMATION

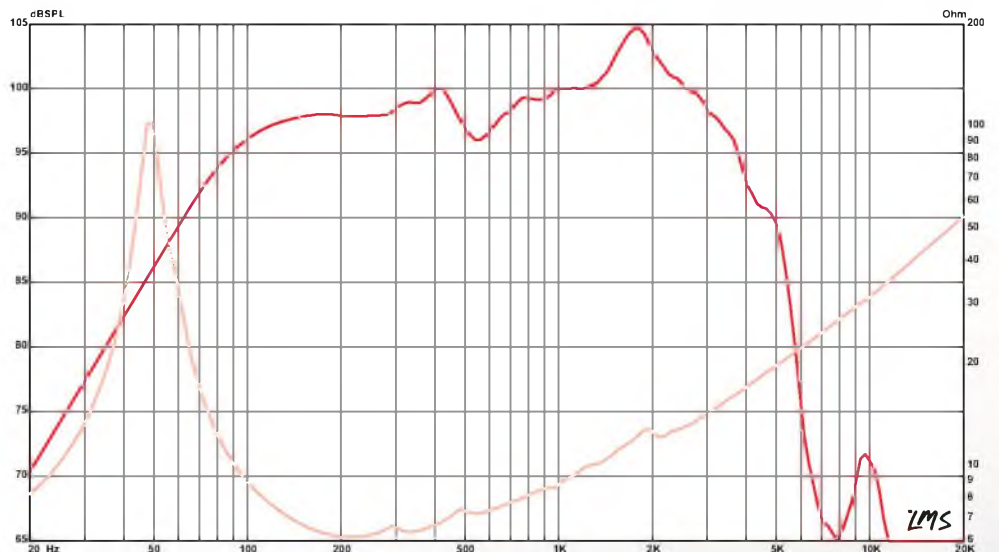
Recommended Enclosure Volume	
Sealed	23–59 liters, 0.8–2.1 cu.ft.
Vented	28–102 liters, 1–3.6 cu.ft.
Driver Volume Displaced	0.05 cu.ft., 1.42 liters
Overall Diameter	12.38", 314.5 mm
Baffle Hole Diameter	11.06", 280.9 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	11.62", 295.2 mm
Depth	5.9", 149.9 mm
Net Weight	5.11 lbs , 2.32 kg
Shipping Weight	6.53 lbs , 2.96 kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Polyimide former
- Neodymium magnet
- Vented core
- Cast aluminum basket
- Treated paper cone
- Sealed cloth cone edge
- Treated paper dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 15 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.