

Specification

Nominal Basket Diameter	12-1/4", 310 mm
Nominal Impedance	8-Ohms
Max Power Rating	400 Watts
Resonance	51 Hz
Usable Frequency Range	35 Hz- 4.5 kHz
Sensitivity	96.5 dB (2.83V/1M)
Magnet Weight	60 oz.
Voice Coil Diameter	2-1/2", 63 mm

Thiele & Small Parameters

Resonant Frequency (Fs)	51 Hz
DC resistance (Re)	5.2 Ohms
Coil Inductance at Fs (Lces)	38.37 mH
Mechanical Q (Qms)	8.95
Electromagnetic Q (Qes)	0.42
Total Q (Qts)	0.41
Compliance Equivalent Volume (Vas)	0.20 ft ³ , 91.6 liters
Mechanical Compliance of Suspension (Cms)	0.23 mm/N
BL Product (BL)	12.84 T-m
Diaphragm Mass (Mmd)	35.2 grams
Maximum Linear Excursion (Xmax)	4.0mm
Surface Area of Cone (Sd)	0.0531 m ²

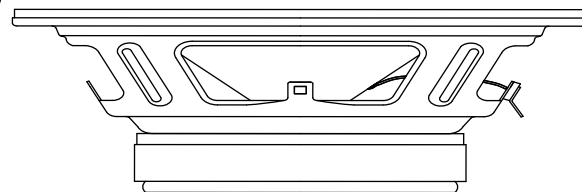
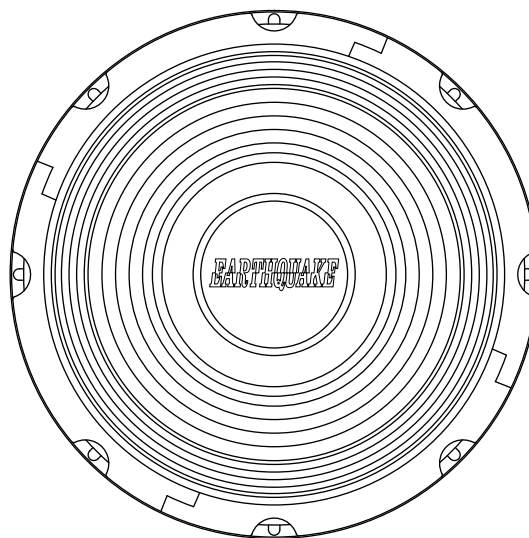
Mounting Information

Recommended Enclosure Volume	
Sealed	
Vented	1.0-2.1 ft ³ , 28.3-59.5 liters
Overall Diameter	12-1/4", 310 mm
Cut Out Diameter	11-3/16", 284 mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	1/4" x 3/8", 6.5 mm x 9 mm
Mounting Depth	4-7/8", 123 mm

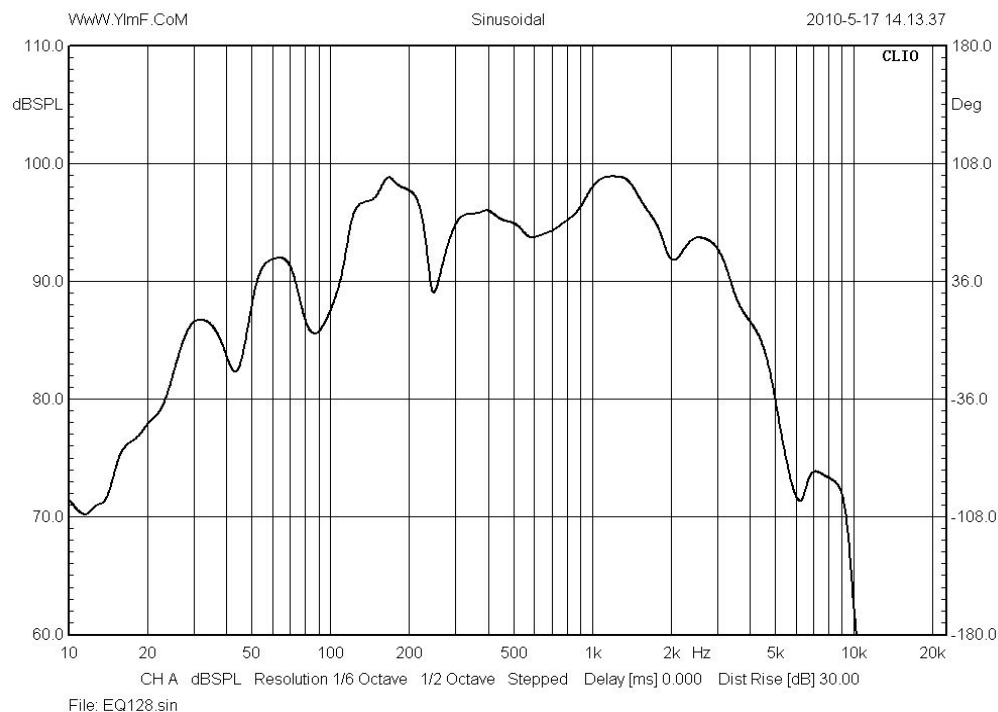
Materials of Construction

Aluminum voice coil
Polyimide former
Ferrite magnet
Vented and extended core
Stamped steel basket
Paper cone
Cloth surround
Solid composition paper dust cap

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