

13Av.2 Subwoofer

13" Subwoofer Manual

elemental designs

Model Specific Information

Manufacture Model : 13Av.2 Subwoofer
Description : 13" Low Frequency Transducer
Motor Topology : Underhung Ceramic Motor

Overall Outside Diameter : 13.5"
Mounting Diameter : 12.0"
Depth : 10.05"
Magnet Diameter : 7.5"
Voice Coil Size : 3"

Measured Specifications (Via LMS)

Thiele Small Parameters @ x=0

FS -23.29Hz
Qe - .48
Qm - 7.48
Qts - .45
Vas - 55.79 Ltr
Sd - 0.0556 m²
Re - 2.81 ohm

Electro-Mechanical Parameters @ x=0

Sd - 0.0556 m² effective radius
Bl - 14.81 T * A
Re - 2.81 ohm

X Parameters

XMag 28.75MM XSUS 48MM XMax 28.75MM

Additional Information

Nominal Diameter: 13" (330.2 mm)
Continuous Power Handling: 1200 Watts
Available Configurations: Dual 2 or Dual 4 Ohm
Xmax (one-way, linear): 28.75MM
Sealed Enclosure Range: 1.3-1.5 cu.ft.
Ported Enclosure Range: 2.0-2.2 cu.ft.
Mounting Depth: 10.05"
Driver frontal Diameter : 13.5"
Motor Diameter: 7.5"
Driver Displacement: 0.12cF

Questions?

Contact Elemental Designs

Phone : 641.792.2501
Web : elementaldesigns.com