OMEGA PRO 12

For all high power mid-bass applications

12", 304.8mm Nominal Basket Diameter 8 ohms Impedance 700Wrms Power Rating 39Hz Resonance 65Hz - 1.2kHz Usable Frequency Range see guide on web Sensitivity 109oz. Magnet Weight 0.375", 9.52mm Gap Height 4.0", 101.6mm Voice Coil Diameter

Mounting Information

Recommended Enclosure Volume (vented) Overall Diameter Baffle Hole Diameter Front Sealing Gasket Rear Sealing Gasket Mounting Holes Diameter Mounting Holes B.C.D. Depth Shipping Weight

Thiele-Small Parameters

Resonant Frequency (fs) Impedance (Re) Coil Inductance (Le) Electomagnetic Q (Qes) Mechanical Q (Qms) Total Q (Qts) Compliance Equivalent Volume (Vas)

Peak Diaphragm Displacement Volume (Vd) Mechanical Compliance of Suspension (Cms) BL Product (BL) Diaphragm Mass inc. Airload (Mms) Equiv. Resistance of Mechanical Suspension Loss (Rms) Efficiency Bandwidth Product (EBP) Voice Coil Overhang (Xmax) Surface Area of Cone (Sd)

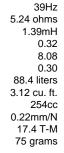
Impedance at Resonance (Zmax)

Maximum Linear Excursion (Xmech)

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34 - 57 liters 1.2 - 2.0 cu. ft. 12.4", 314.3mm 11.06", 281mm fitted as standard fitted as standard 0.275", 7mm 11.57", 293.8mm 5.83", 148mm 24.4lbs., 11.1 kg.



2.27N*sec/M 124 4.8mm 532.4cm² 139 ohms 20.83mm



Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 27ga., copper voice coil for improved power-handling and durability
- Ferrite Magnet
- Vented core for increased power-handling
- Die-cast aluminum basket for rigidity
- Paper cone
- Cloth cone edge
- Solid composition paper dust cap

