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Faisal Tief-Mitteltöner 12FH500



Artikelnummer: FAI-12FH500

Faisal Tief-Mitteltöner 12FH500

Hersteller: -

30cm Tief-Mitteltöner mit Gusskorb und Neodymantrieb.

8Ohm, 500W, 50-4000Hz (empf. Trennung 2000Hz),
97dB/W/m. 77mm Schwingspule aus temperaturfestem
Glasfaser. Xmax +/-6mm, Gewicht 4kg.

Empf. Gehäusevolumen 50-20l Bassreflex (-6dB @ 50Hz)

Ausgedehnter, sehr linearer Frequenzgang.

Nominal Specifications

- Nominal Diameter 12", 300 mm
- Overall Diameter 12.44", 316 mm
- Bolt Circle Diameter 11.75", 298.5 mm
- Baffle Cutout Diameter 11.18", 284 mm
- Depth 6.13", 155.75 mm
- Flange and Gasket Thickness 0.49", 12.45 mm

Electrical Specifications

- Minimum Impedance 6.4 Ohm
- Nominal Impedance 8 Ohm
- Nominal Power Handling*** 500 W
- Maximum Power Handling**** 1,000 W
- Sensitivity (1W/1m) 97 dB
- Frequency Range 45 - 4000 Hz
- Voice Coil Diameter 3", 77 mm
- Winding Material Aluminium
- Former Material Glass Fiber

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- Winding Depth 0.71", 18 mm
- Magnetic Gap Depth 0.41", 10.5 mm
- Flux Density 1.2 T

THIELE & SMALL Parameters

- Resonant Frequency (fs) 45 Hz
- DC Resistance (Re) 5.1 Ohm
- BL Product (BL) 17.5 N/A
- Diaphragm Mass inc. Airload (Mms) 56 grams
- Mechanical Compliance of Suspension (Cms) 0.22 mm/N
- Rms 3.24 Kg/s
- Electromagnetic Q (Qes) 0.26
- Mechanical Q (Qms) 6.90
- Total Q (Qts) 0.25
- Compliance Equivalent Volume (Vas) 2.69 ft³, 76.2 dm³;
- Surface Area of Cone (Sd) 76"², 490.4 cm²;
- Maximum Linear Excursion (Xmax)* 7.25 mm
- Xdamage** 16 mm
- Coil Inductance (Le) 0.83 mH
- Diaphragm mass (Mmd) 50 g
- Eta Zero 2.5 %

Notes

- *Xmax = [(winding depth - magnetic gap depth) / 2] + (magnetic gap depth / 3)
- **Maximum excursion before permanent damage
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***2 Hours Test According to AES 2-1984 Rev. 2003

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****Maximum power is defined as 3dB greater than nominal power

Preis: 320,00 EUR [inkl. 19% MwSt zzgl. Versandkosten]

Im Shop aufgenommen am Mittwoch, 23. Mai 2013