



Model: TSB-12-250

Part #: 86070

KEY FEATURES

- 12" steel basket
- 2.5" inside/outside copper voice coil
- Fiberglass former
- 7 oz neodymium magnet
- Paper cone with cloth M-roll surround
- 250 watts AES
- 500 watts program power
- 98 dB

SPECIFICATIONS

| | |
|------------------------------------|----------------|
| Nominal Diameter (in & mm) | 12" (304.8 mm) |
| Nominal Impedance (Z) (Ω) | 8 |
| Rated Power AES (W) | 250 |
| Program Power (W) | 500 |
| Magnet Weight (oz) | 7 |
| Voice Coil Diameter (in & mm) | 2.5" (63.5 mm) |
| SPL (dB) 1W @ 1M | 98 |
| Frequency Range (Hz) | 50Hz-4kHz |

TS PARAMETERS

| | |
|---|--------|
| Fs (Hz) | 45 |
| Re (Ω) | 5.6 |
| Le (mH) | 0.53 |
| Mms (g) | 48.4 |
| Rms (kg/s) | 1.60 |
| Cms (mm/N) | 0.26 |
| Bl (TM) | 14.9 |
| Qms | 8.54 |
| Qes | 0.34 |
| Qts | 0.33 |
| Vas (Liters) | 104.23 |
| Sd (cm ²) | 530.93 |
| Vd (cc) | 229.36 |
| Xmax (mm) Klippel verified @82% Bl | 3.9 |
| Xmax (mm) (Winding Height-Gap Height) / 2 | 3.8 |
| Xmax (mm) Add 1/3 Gap Height | 6.1 |
| Xlim (mm) | 13.4 |

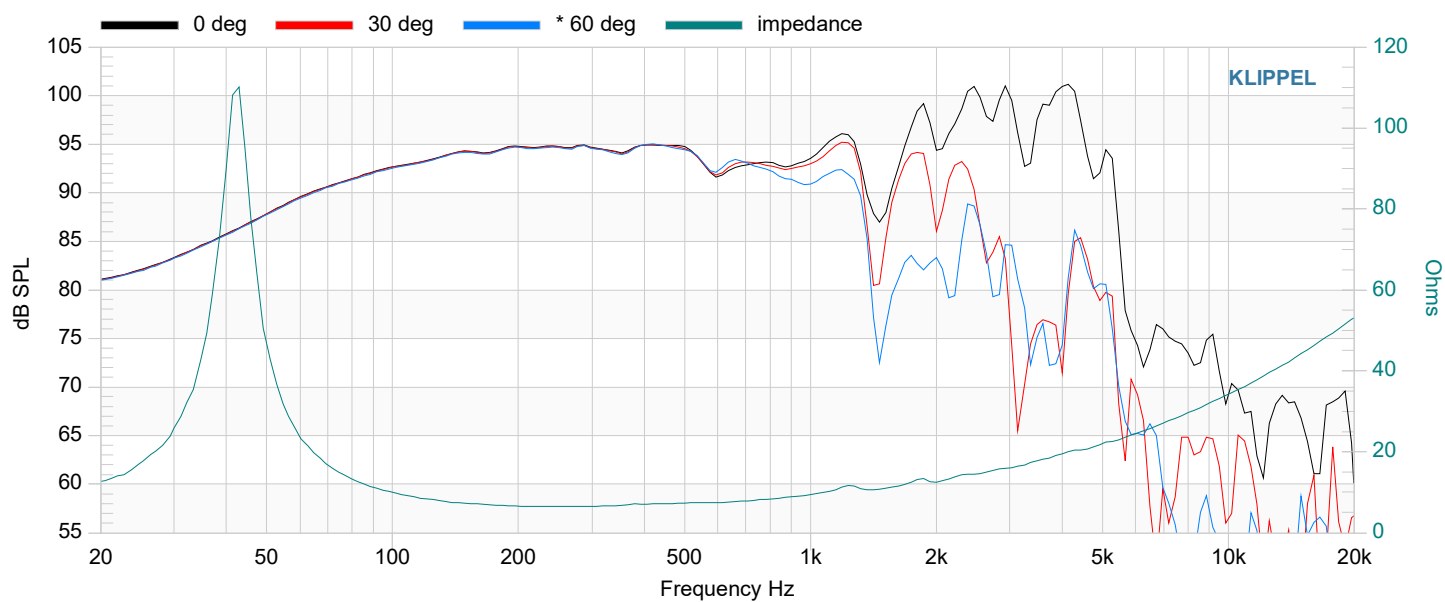
MATERIAL DESCRIPTIONS

| | |
|-----------------------------------|---------------|
| Basket | Pressed Steel |
| Terminal Size (in) | 0.205 |
| Magnet Material | Neodymium |
| Cone Material | Paper |
| Cone Edge | Cloth |
| Dust Cap | Felt |
| Voice Coil - Inside/outside wound | Copper |
| Voice Coil Former | Fiberglass |

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FREQUENCY RESPONSE



MOUNTING DIAGRAMS

