

KEY FEATURES

- Good power handling (100 w RMS)
- Low harmonic distortion
- Controlled dispersion up to 7 kHz
- Designed for high quality mid-frequency reproduction



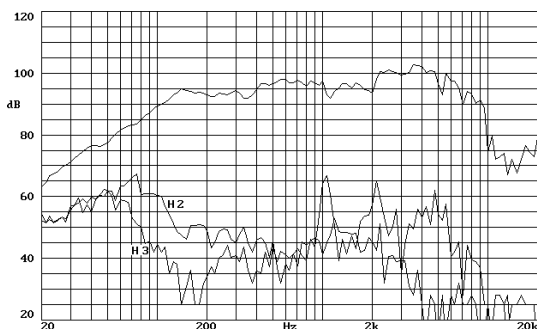
TECHNICAL SPECIFICATIONS

| | |
|--------------------------|--------------------------------------|
| Nominal diameter | 200 mm. 8 in. |
| Rated impedance | 4 ohms |
| Minimum impedance | 4 ohms |
| Power capacity* | 100 w RMS |
| Program power | 200 w |
| Sensitivity | 99 dB 1w @ 1m |
| Frequency range | 150 - 7000 Hz |
| Recom. enclosure vol. | 18/30 l 0.65 / 1.10 ft. ³ |
| Voice coil diameter | 38.5 mm. 1.5 in. |
| Magnetic assembly weight | 1.3 kg. 2.8 lb. |
| BL factor | 9 N/A |
| Moving mass | 0.015 kg. |
| Voice coil length | 7.5 mm |
| Air gap height | 7 mm |

THIELE-SMALL PARAMETERS**

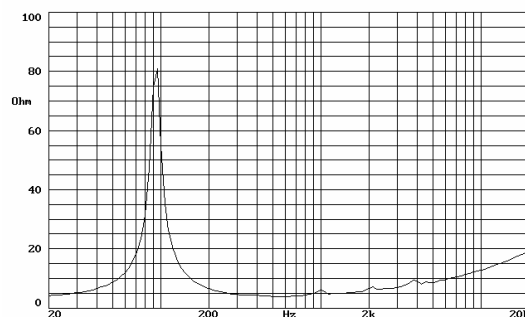
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|--|----------------------|
| Resonant frequency, fs | 93 Hz |
| D.C. Voice coil resistance, Re | 3.6 ohms |
| Mechanical Quality Factor, Qms | 8.21 |
| Electrical Quality Factor, Qes | 0.36 |
| Total Quality Factor, Qts | 0.34 |
| Equivalent Air Volume to Cms, Vas | 11 l |
| Mechanical Compliance, Cms | 171 μm / N |
| Mechanical Resistance, Rms | 1.22 kg / s |
| Efficiency, ηo (%) | 2.3 |
| Effective Surface Area, Sd (m ²) | 0.021 m ² |
| Maximum Displacement, Xmax*** | 3 mm |
| Displacement Volume, Vd | 63 cm ³ |
| Voice Coil Inductance, Le @ 1 kHz | 0.4 mH |

FREQUENCY RESPONSE AND DISTORTION



Note: on axis frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber, 1w @ 1m.

FREE AIR IMPEDANCE CURVE



Notes:

*The power capacity is determined according to AES2-1984 (r2003) standard.
Program power is defined as the transducer's ability to handle normal music program material.

**T-S parameters are measured after an exercise period using a preconditioning power test.
The measurements are carried out with a velocity-current laser transducer and will reflect the long term parameters (once the loudspeaker has been working for a short period of time).

***The Xmax is calculated as (Lvc - Hag)/2 + Hag/3.5, where Lvc is the voice coil length and Hag is the air gap height.