**Specification**

- **Throat Size**: 1", 25.4mm
- **Nominal Impedance**: 8 ohms
- **Power Rating**:
  - 50W (EIA-426A specification)
  - \( \leq 2.5\text{kHz} \) @ 18dB/octave
- **Free Air Resonance**: 0.59kHz
- **Usable Frequency Range**: 2.5kHz-20kHz
- **Recommended Crossover**: 18dB/oct @ 2.5kHz
- **Sensitivity**:
  - 104.1dB (1W/1m across 2.5kHz-20kHz on axis on H290S horn)
- **Magnet Weight**: 12 oz., 0.34kg
- **Voice Coil Diameter**: 1.3", 33mm
- **Re**: 6.7 ohms
- **Minimum Impedance**: 7.7 ohms @ 3kHz

**Mounting Information**

- **Overall Diameter**: 3.5", 88.9mm
- **Mounting Holes Diameter**: 2X M6
- **Mounting Holes B.C.D.**: 3.00", 76.2mm
- **Depth**: 2", 50.8mm
- **Weight**: 2 lbs, 0.91 kg
- **Volume**: 15.84 in., 0.26 ltr.

**Materials of Construction**

- **Voice Coil Former**: Aluminum
- **Diaphragm Material**: Titanium
- **Magnet Composition**: Ferrite

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**ASD:1001B HF Drivers**

*ASD:1001 measured on Eminence H290S horn.*

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**Multiple units exceeded published power rating evaluated under EIA-426B specification while mounted on Eminence’s H290 or H290S horn in a non-temperature controlled environment.**

**The average on axis output across the entire usable frequency range when mounted to the H290 or H290S horn and applying 1W/1m into the nominal impedance, i.e. 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25” supplied microphone (software calibrated) mounted 1m from wall/ baffle | 2ft x 2ft baffle is built into the wall with horn front mounted | Carver PM-120 amplifier | 2700ft³ chamber with fiberglass on all six surfaces (three with custom-made wedges).**