EMINENCE®

The Art and Science of Sound





ASD:1001 HF Drivers

Specification

Throat Size	1”, 25.4mm
Nominal Impedance	8 ohms
Power Rating**	50W (EIA-426A specification w/ xover ≥ 2.5kHz @ 18dB/octave
Free Air Resonance	1.2kHz
Usable Frequency Range	2.5kHz-20kHz
Recommended Crossover	18dB/oct @ 2.5kHz
Sensitivity***	104.4dB (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

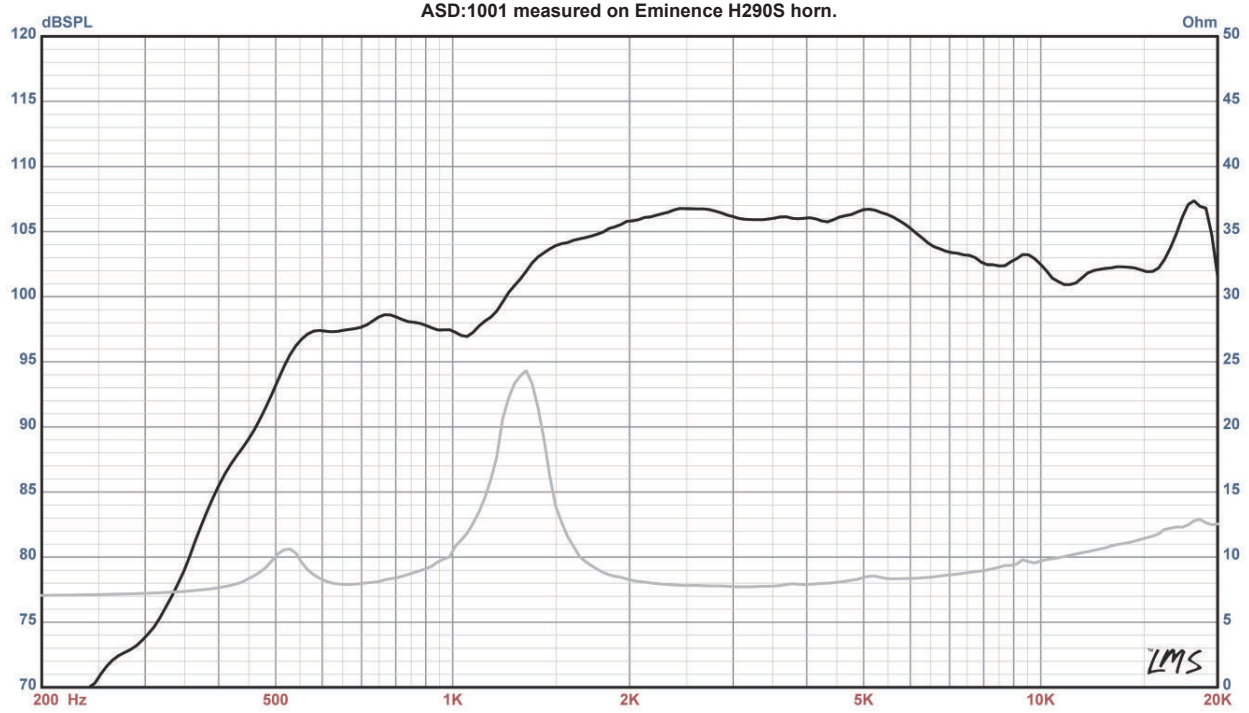
Also available in bolt-on format (ASD:1001B)

Overall Diameter	3.5”, 88.9mm
Mounting Thread	1 3/8” 18 UNEF ext.
Depth	2.45”, 62.2mm
Weight	2 lbs, 0.9 kg
Volume	15.84 cu.in.

Materials of Construction

Voice Coil Former	Aluminum
Diaphragm Material	Titanium
Magnet Composition	Ferrite

ASD:1001 measured on Eminence H290S horn.



** 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).