EMINENCE®

The Art and Science of Sound



NSD:2005 HF Drivers

Specification

Throat Size	1”, 25.4mm
Nominal Impedance	8 or 16 ohms
Power Rating**	50W (AES)
Free Air Resonance	578Hz
Usable Frequency Range	1.5kHz-20kHz
Recommended Crossover	12dB/oct @1.5kHz
Sensitivity***	109dB (1W/1m across 1.5kHz-20kHz on axis on H290 horn)
Magnet Weight	4.16 oz.
Voice Coil Diameter	2”, 50.8mm
Re	6.8 ohms
Minimum Impedance	8.7 ohms @3.3kHz

Mounting Information

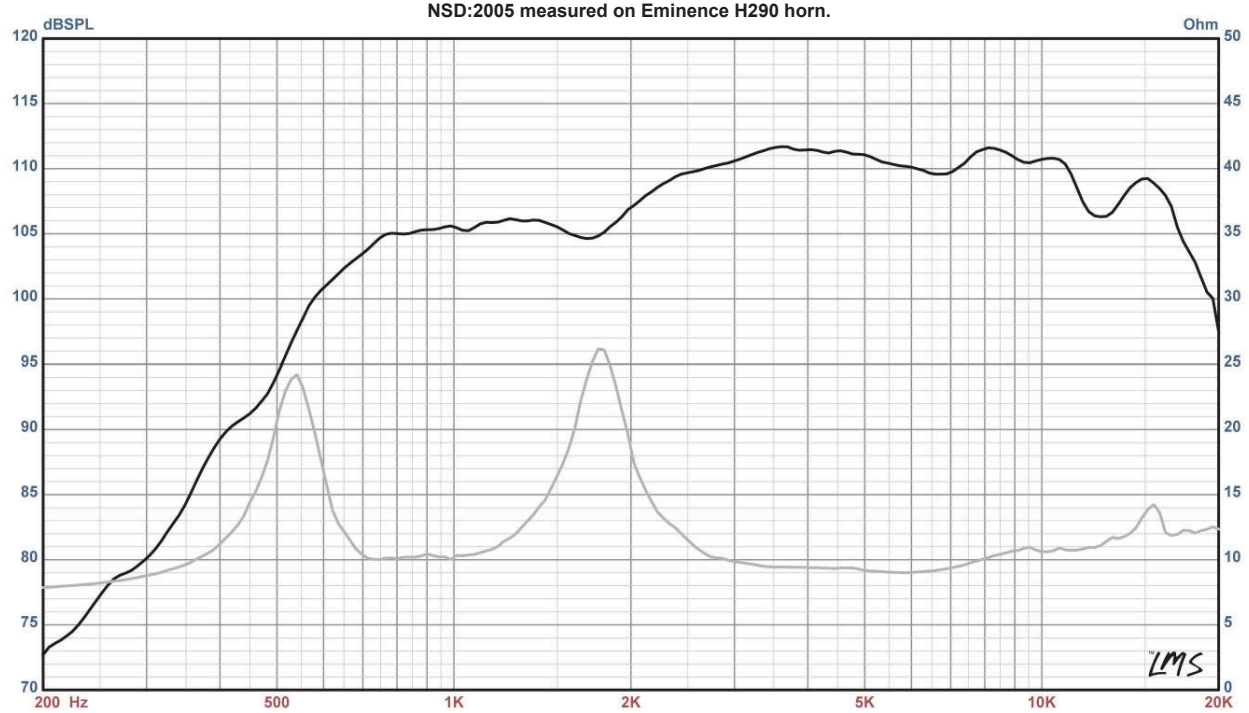
Available in both screw-on and bolt-on formats

Overall Diameter	3.87”, 98.3mm
Mounting Holes Diameter (bolt on)	2X 1/4-20
Mounting Holes B.C.D. (bolt on)	3”, 76.2mm
Mounting Thread (screw on)	1 3/8” 18 UNEF ext.
Depth	1.75”, 44.5mm
Weight	2 lbs, 0.9kg
Volume	13.63 cu.in.

Materials of Construction

Voice Coil Former	Polyimide
Diaphragm Material	Titanium
Magnet Composition	Neodymium

NSD:2005 measured on Eminence H290 horn.



** Multiple units exceeded published power rating evaluated under AES noise sources and test standards 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).