



PSD:2002 HF Drivers

Specification

Throat Size 1", 25.4mm
 Nominal Impedance 8 or 16 ohms
 Power Rating** 80W (AES)
 Free Air Resonance 540Hz
 Usable Frequency Range 1.2kHz-20kHz
 Recommended Crossover 18dB/oct @ 1.2kHz
 Sensitivity*** 106.1dB (1W/1m across 1.2kHz-20kHz on axis on H290 horn)
 Magnet Weight 34 oz.
 Voice Coil Diameter 2", 50.8mm
 Re 6.1 ohms
 Minimum Impedance 7.6 ohms @ 3.7kHz

Mounting Information

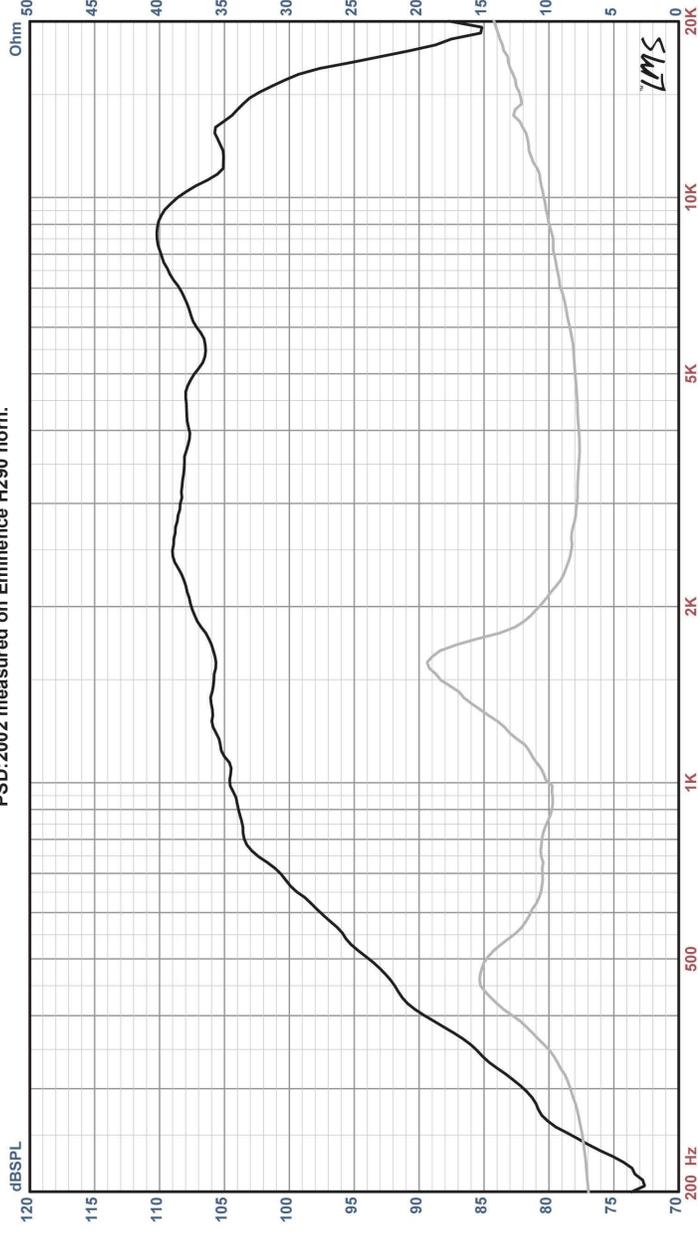
Available in both screw-on and bolt-on formats

Overall Diameter 5.25", 133.4mm
 Mounting Holes Diameter (bolt on) 2X 1/4-20 or 3x M6
 Mounting Holes B.C.D. (bolt on) 3", 76.2mm or 2.25" 57.2mm
 Mounting Thread (screw on) 1 3/8" 18 UNEF ext.
 Depth 2.2", 55.9mm
 Weight 5 lbs., 2.3kg
 Volume 30.76 cu.in.

Materials of Construction

Voice Coil Former Polyimide
 Diaphragm Material Titanium
 Magnet Composition Ferrite

PSD:2002 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" s applied 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 | 2700Hz chamber with fiberglass on all six surfaces (three with custom-made wedges).