

SPECIFICATIONS: N270

Voice Coil Diameter	25.4 mm (1 in)
Throat Diameter	25.4 mm (1 in)
Nominal Impedance	8 ohms 16 ohms
D.C. Resistance	5.7 ohms \pm 5% at 20°C 8.2 ohms \pm 5% at 20°C
Minimum Impedance	7.4 ohms at 6 kHz 9.8 ohms at 6 kHz
Power Handling Capacity	15 W AES above 2000 Hz ⁴ 30 W Continuous Program above 2000 Hz
Frequency Range	2000 Hz to 20 kHz
Reccomended Minimum Crossover Freq.	2000 Hz, 12 dB/octave slope minimum
Sensitivity	115 dB SPL, 1mW on plane wave tube ¹ 108 dB SPL, 1W/1m on RCF H100 ²
Nominal Efficiency	16% (from 1 kHz to 2.5 kHz) ³
Diaphragm	0.075 mm (0.003 in) mylar
Suspension	0.075 mm (0.003 in) mylar
Voice Coil	Edgewound aluminum ribbon
Magnet	Ceramic
Flux Density	1.5 T (15000 Gauss)
Bl factor	3.1 N/A (8 ohms) 3.6 N/A (16 ohms)
Polarity	A positive voltage applied to the positive terminal (larger one), produces a positive acoustic pressure in the throat

MOUNTING INFORMATION:

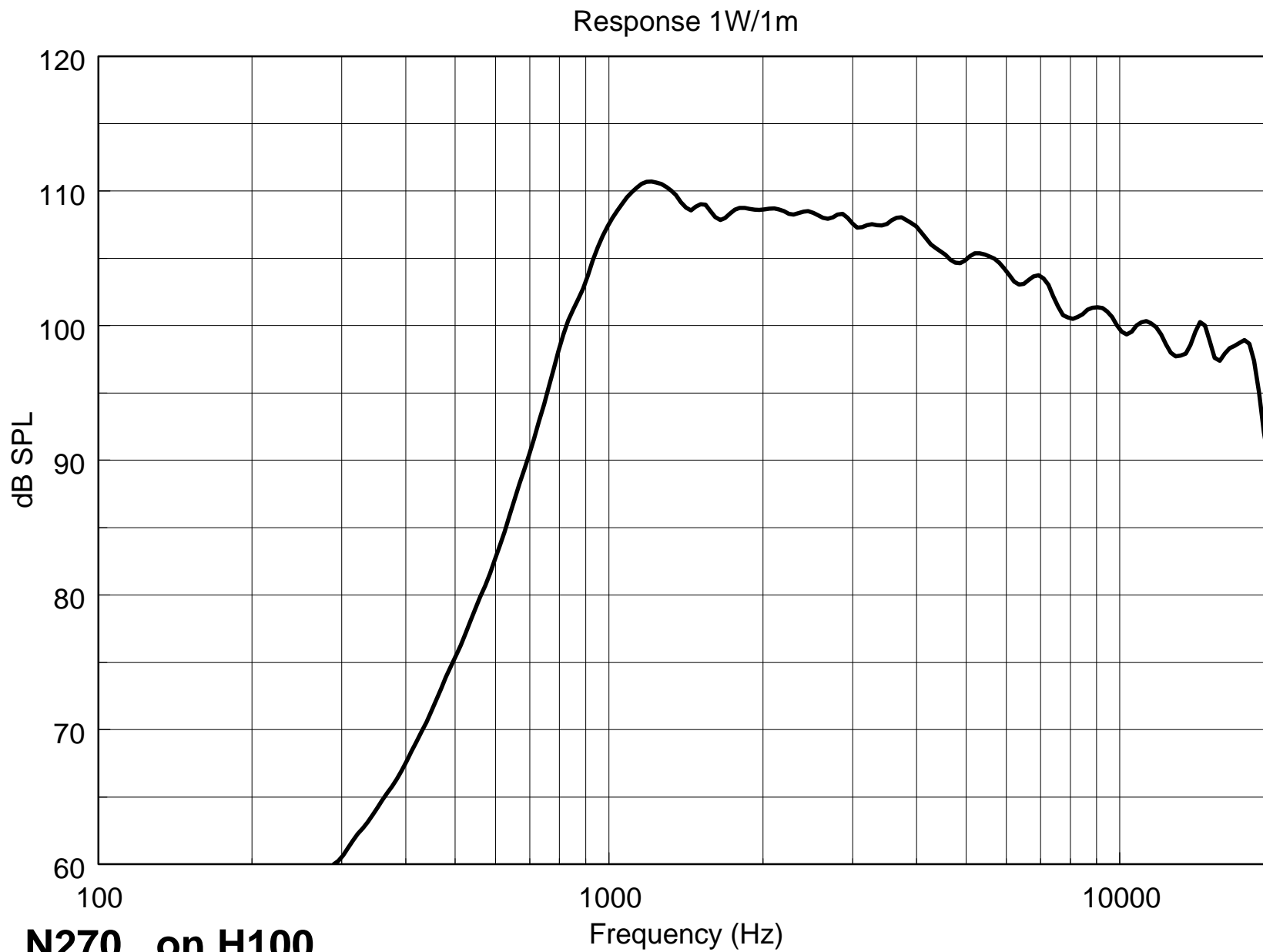
Overall Diameter	85 mm
Depth	44 mm
Net Weight	720 g
Shipping Weight	770 g
Mounting	2 M5 holes 180° on 76.2 mm (3 in)

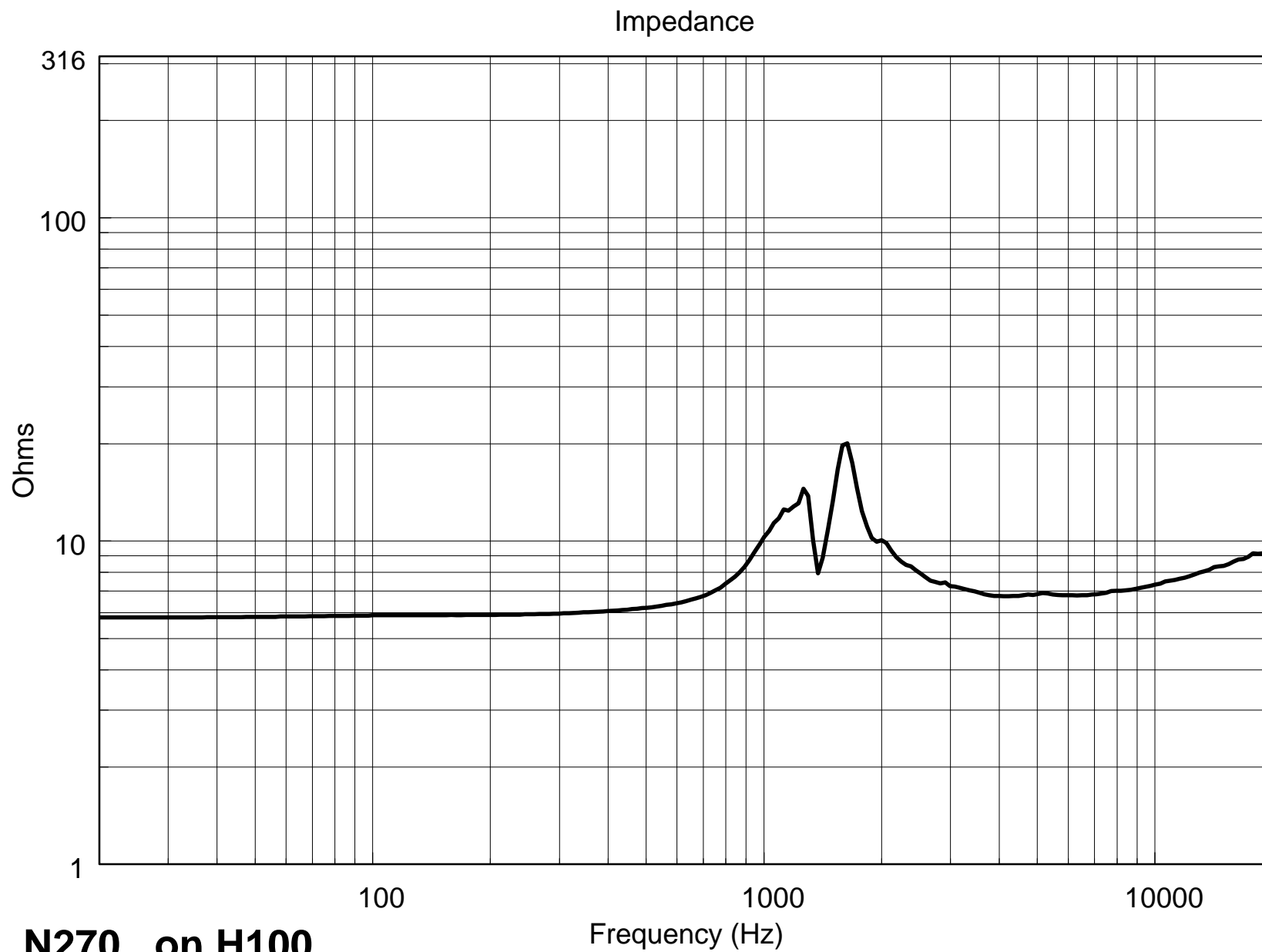
¹ Sensitivity is mesured on 1 inch plane wave tube with 1mW into DC resistance and rappresents an average from 1 kHz to 2.5 kHz (115 dB with 1mW into nominal impedance)

² Sensitivity is mesured on axis at 1 meter distance with 1W into nominal impedance (2.83 V rms at 8 ohms, 4 V rms at 16 ohms) and rappresents an average from 2 KHz to 4 KHz

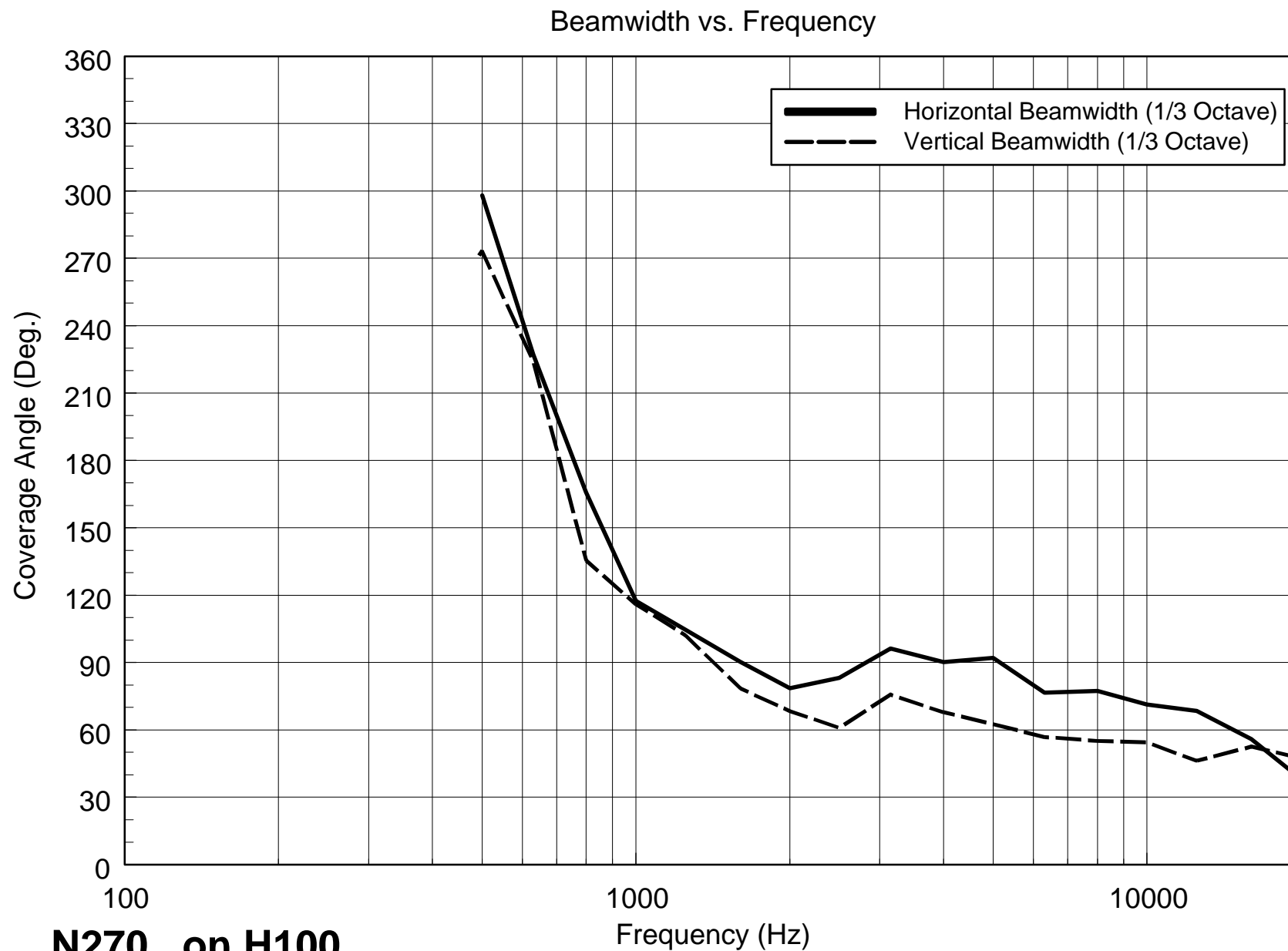
³ Nominal efficiency is refered to a nominal impedance not to DC resistance

⁴ AES power handling test is make with pink noise signal from 2 kHz (12 dB/octave slope) to 20 kHz with H100 RCF horn. Power is refered to a minimum impedance.

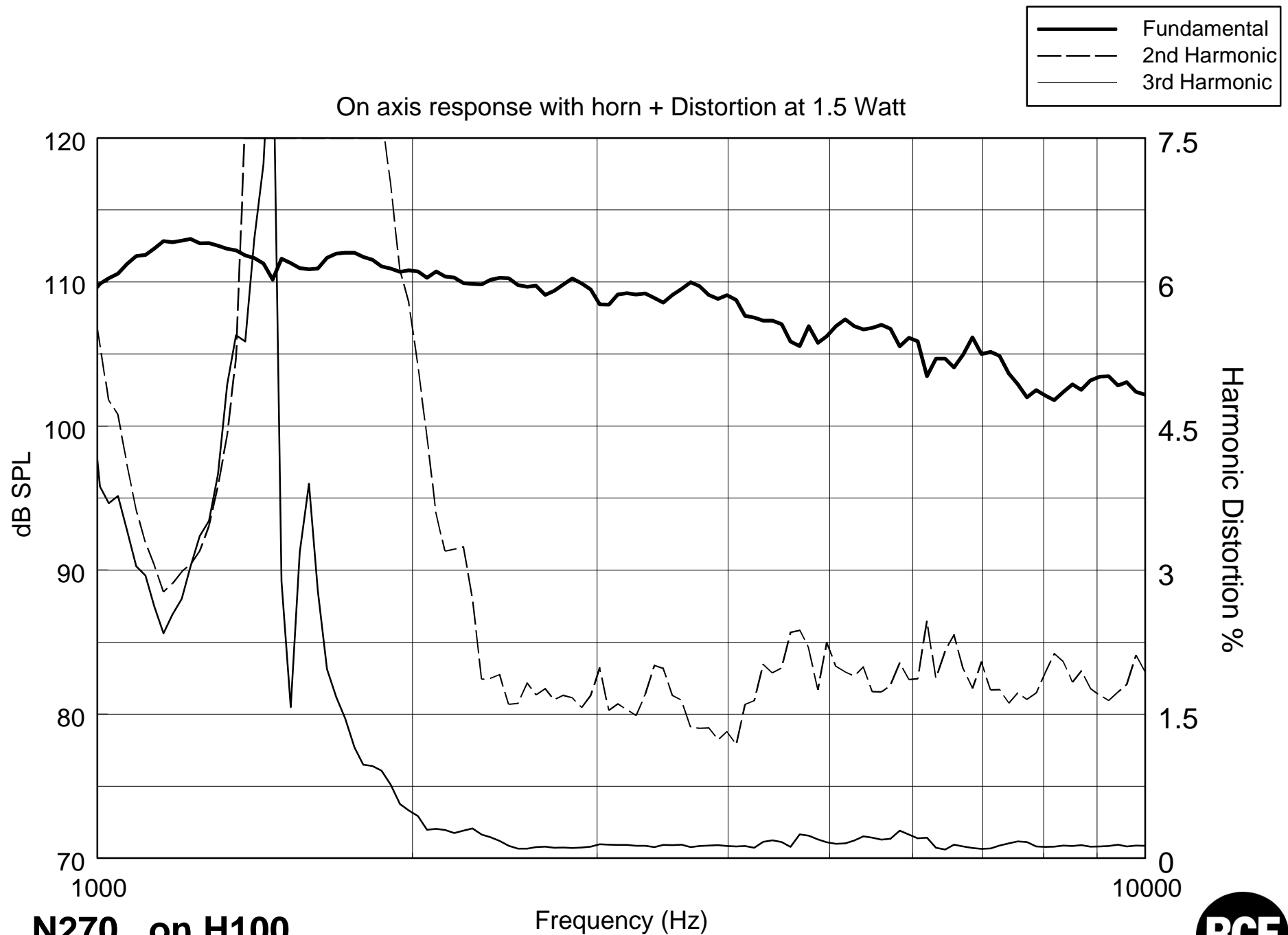




N270 on H100



N270 on H100



N270 on H100

Frequency (Hz)

