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ND45

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NEW 1" High Frequency Compression Driver, 1.75" voice coil, 40 W, 110 dB



KEY FEATURES:

- 1" Exit Throat
- 1.75" Diaphragm
- Neodymium magnet assembly
- 80 W continuous program power
- Frequency range: 1kHz - 20kHz
- New phase plug design

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- **Copper inductance ring for extended response**
- **Vented suspension**

PART NUMBER:

ND45- 8 Ω - 14110N0208

ND45-16 Ω - 14110N0216

The ND45 is new improved version of ND2545.

It is 1" high frequency neodymium compression driver, that incorporates new phase plug, new dome with vented suspension and copper inductance ring, which improve sound characteristic and ensure very low distortion at high sound levels.

The smooth impedance response in crossover region ensures perfect work with passive crossovers

The reduced weight and size make it preferable for high quality compact 2 way and line array boxes. The voice coil assembly is easily field replaceable without soldering.

SPECIFICATIONS

Throat diameter	25,4 mm (1 in.)
Nominal impedance	8/16 Ohms
Minimum impedance	10.75/16.59 Ohms
D.C. resistance	5.72/10,62 Ohms
Power capacity (2-20 kHz)	40 W
Program Power Capacity (2-20 kHz)	80 W
Sensitivity (2-15 kHz)	110 dB
Frequency range	1 - 20 kHz
Recommended crossover	1,5 kHz or higher 12 dB/oct.min
Voice coil diameter	44 mm (1,75 in.)
Flux density	1.84 T

MATERIALS OF CONSTRUCTION

Diaphragm	sandwich polyester
Voice coil material	Aluminium
Voice coil former	Kapton™

Positive voltage on red terminal moves diaphragm toward the phasing plug

MOUNTING INFORMATION

Overall diameter	85 mm
Depth	52.7 mm
Mounting	2 x M6 holes 180° on 76.2 mm 3" diameter
Net weight	0.84 kg

SERVICE KIT:

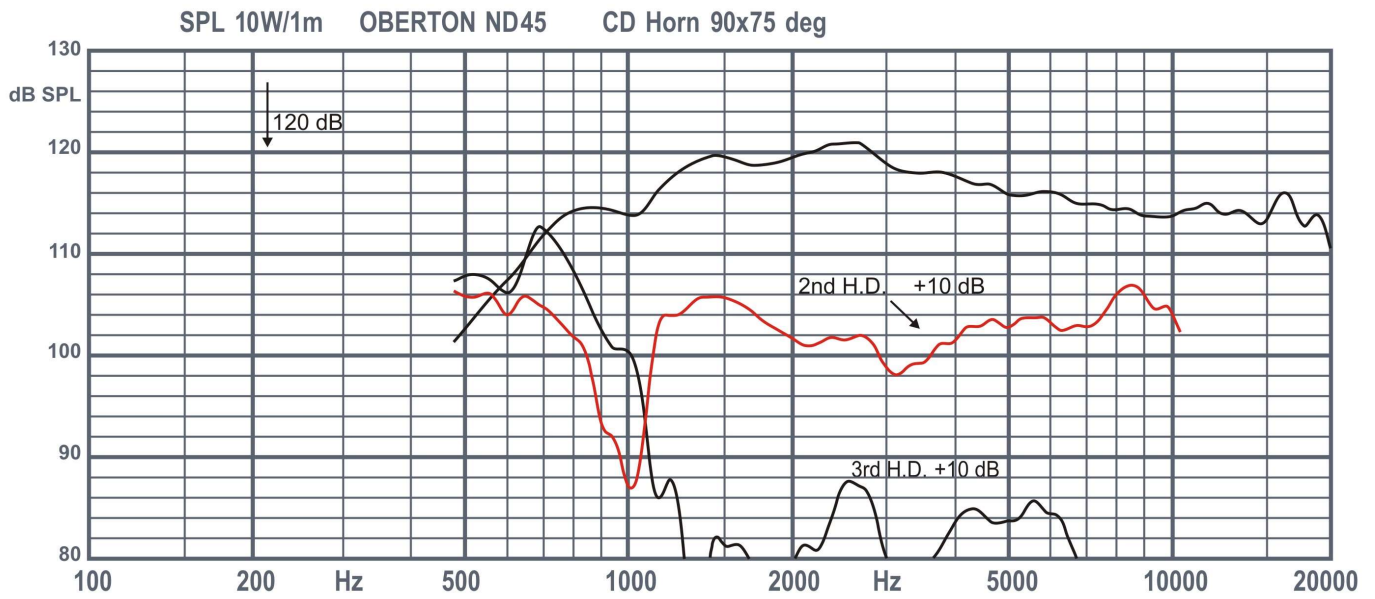
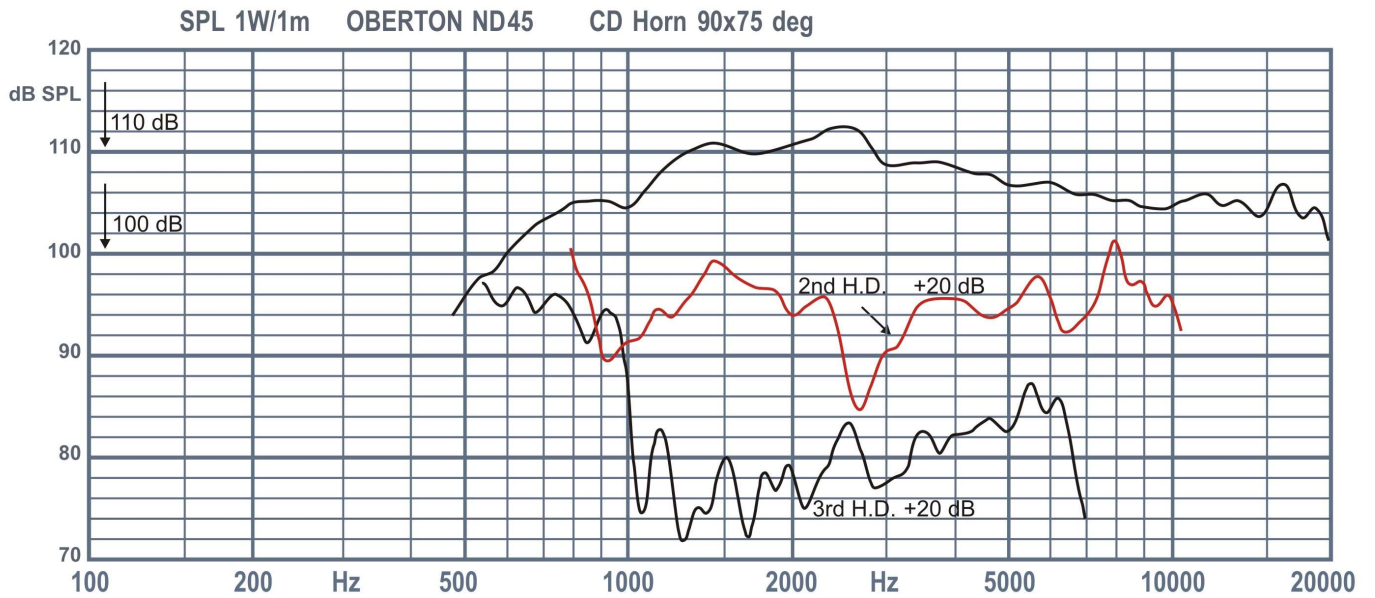
Diaphragm assembly:

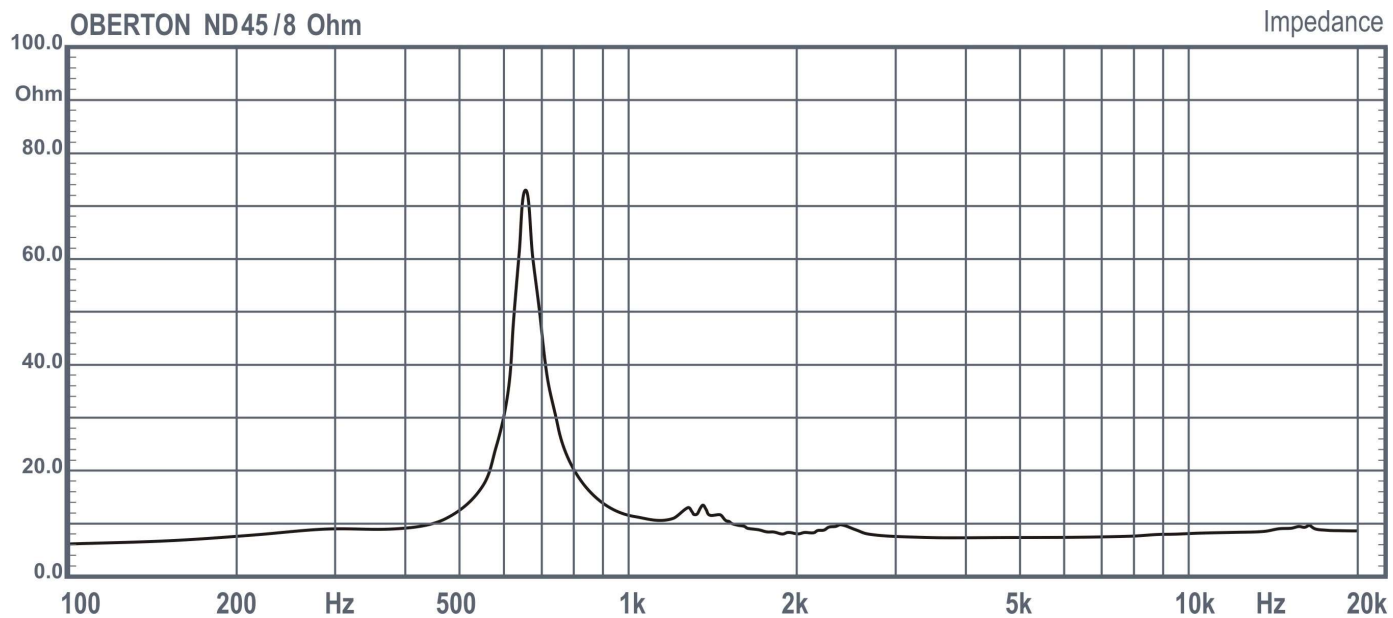
NDA45/h-8 part No: R411700408 for 8 Ω drivers

NDA45/h-16 part No: R411700416 for 16 Ω drivers

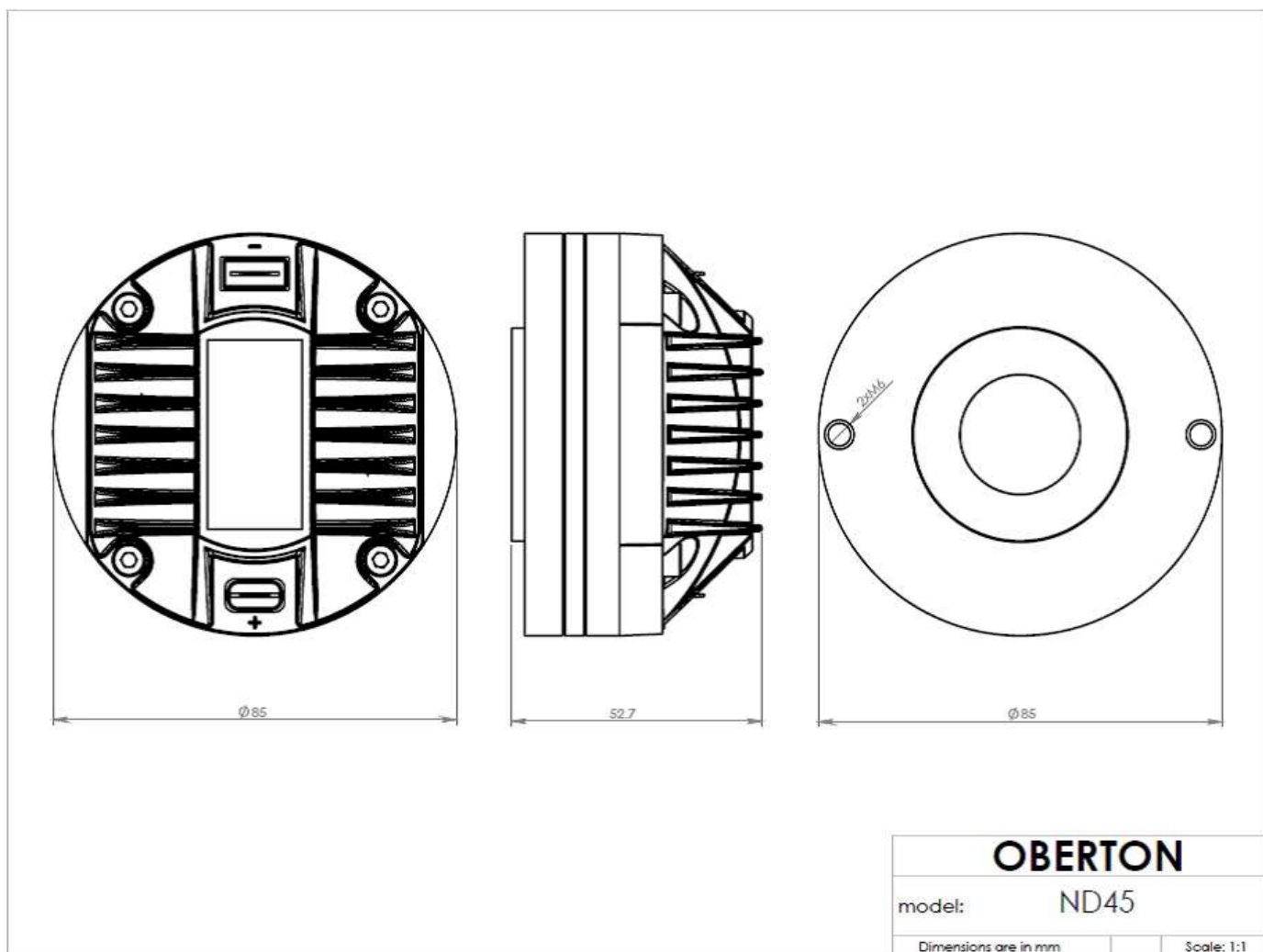
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Frequency Response





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