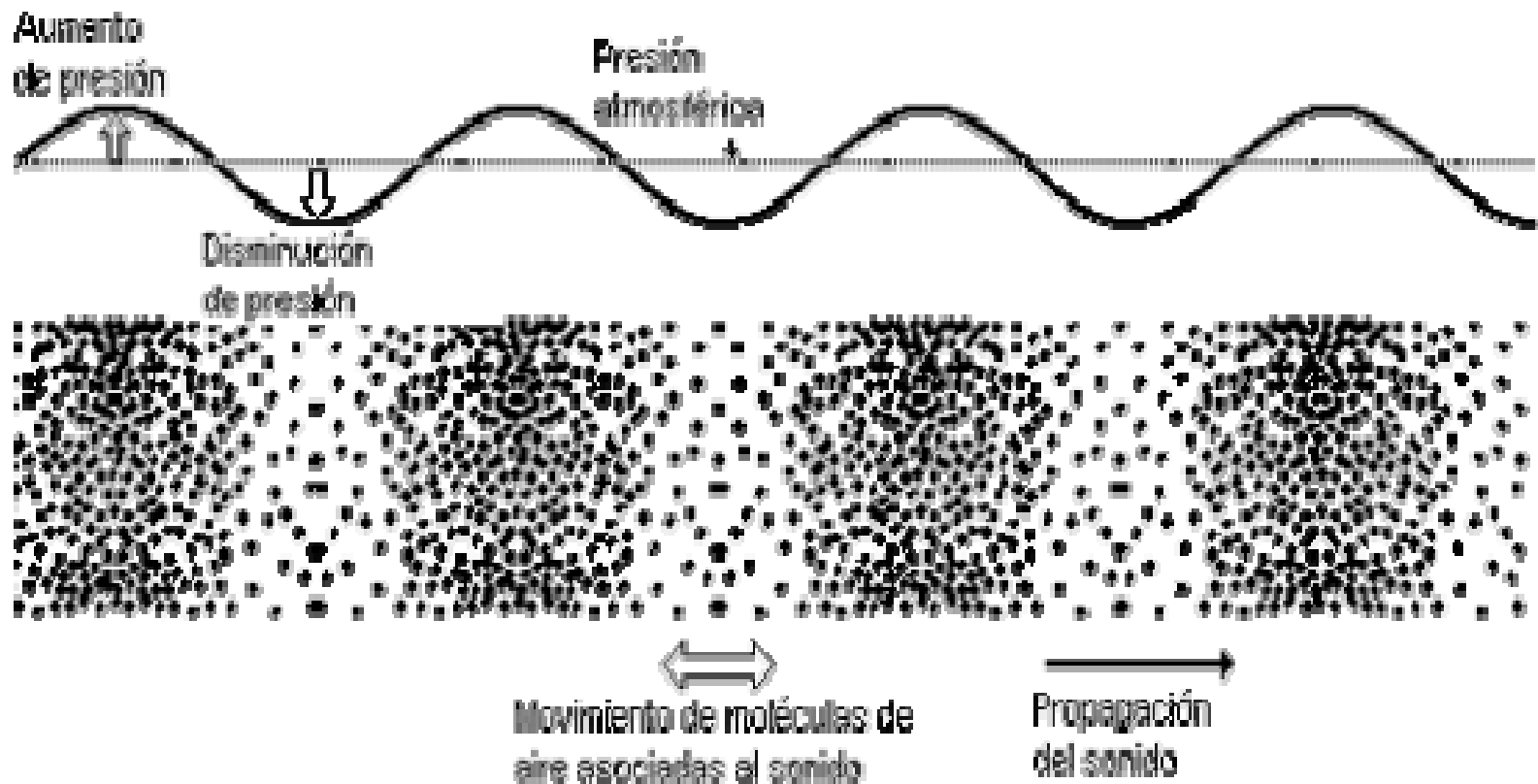


altavoces ^(un)

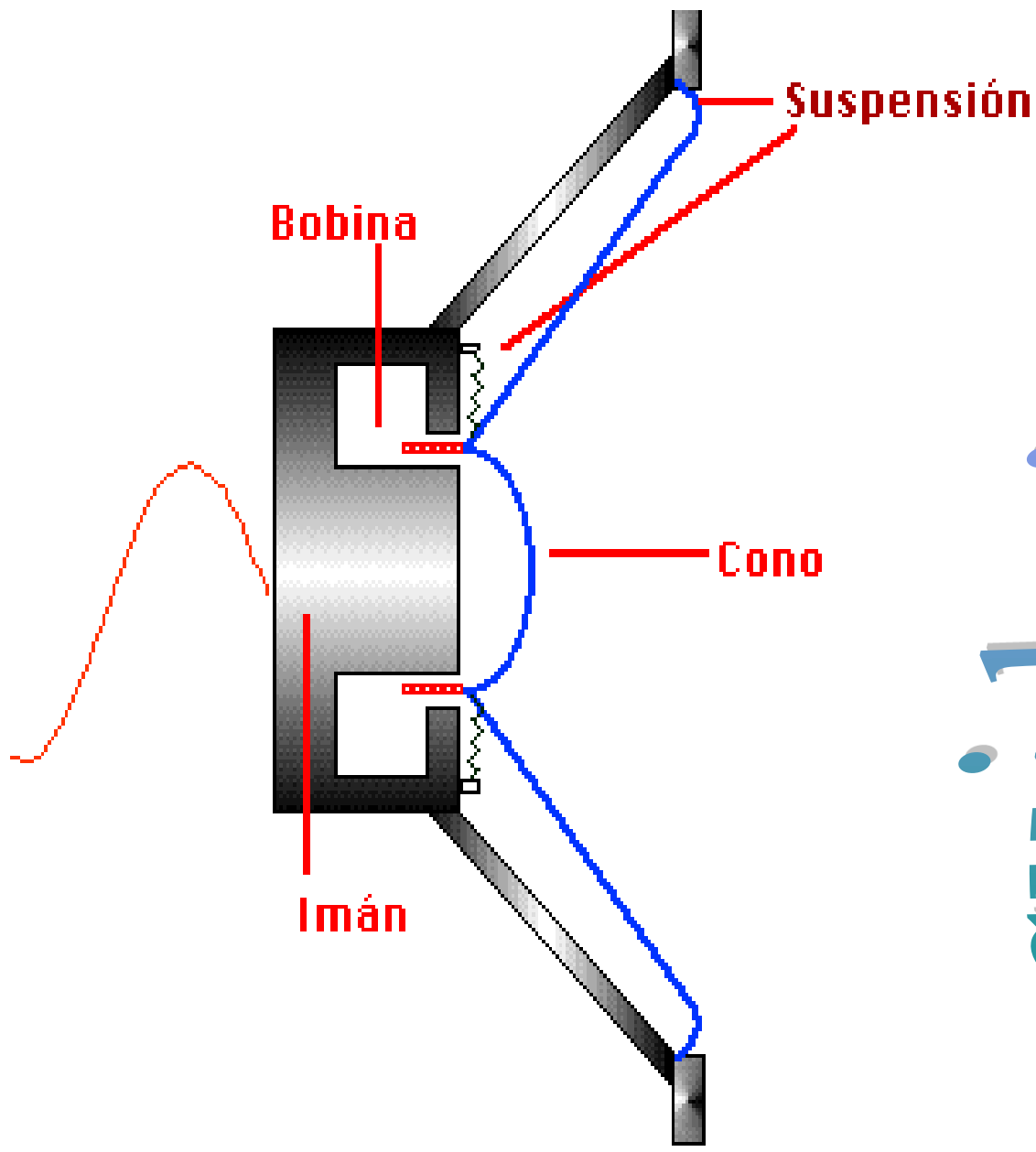


xullo xermade

¿qué é o son?



aquí hai sinal eléctrico



aquí hai son

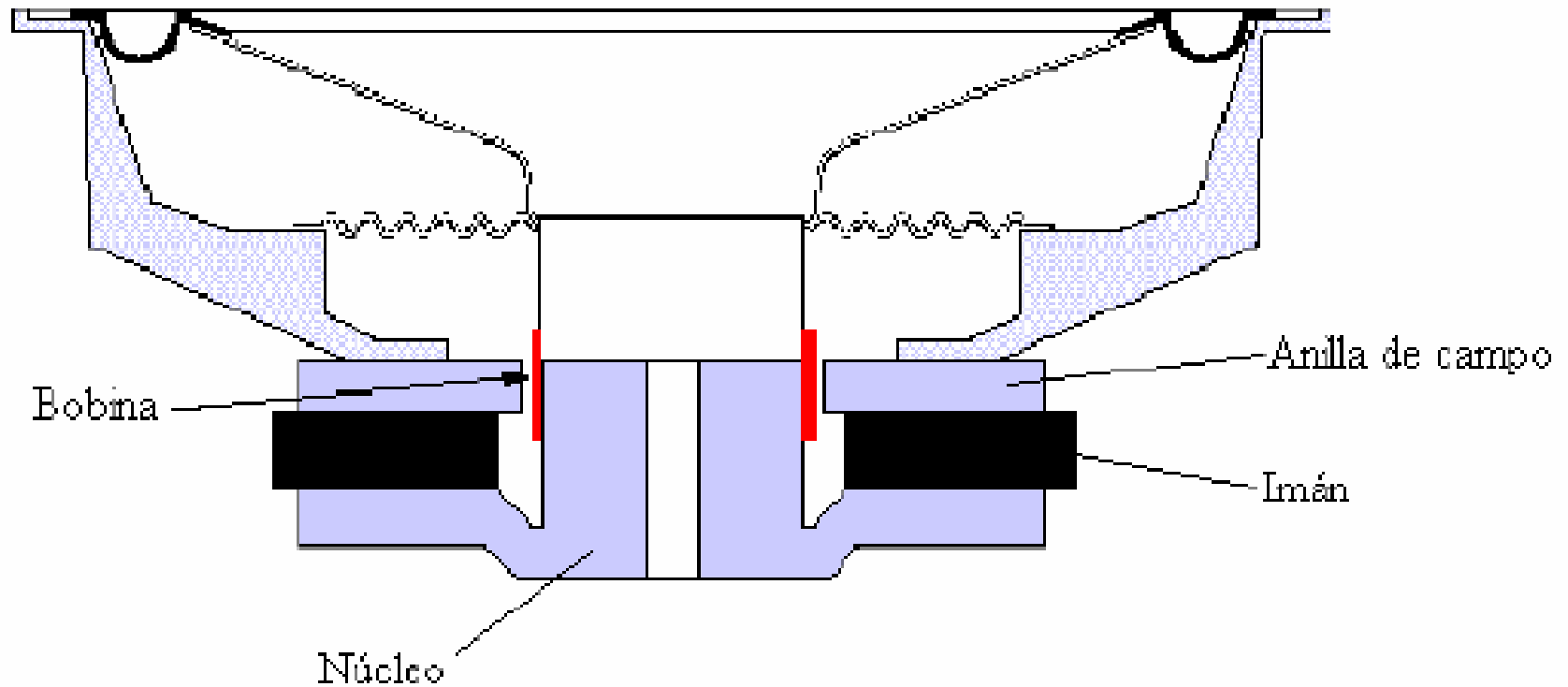
Partes dun altavoz



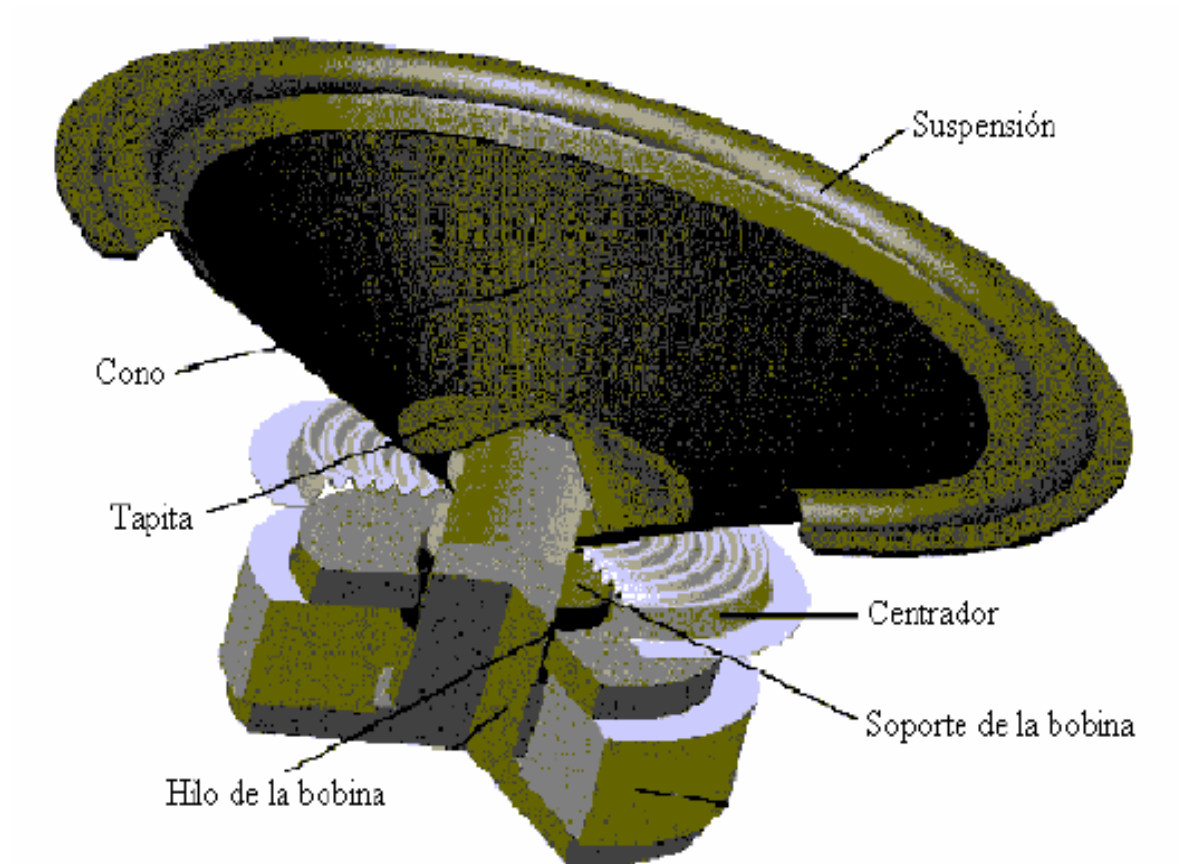
motor

membrana

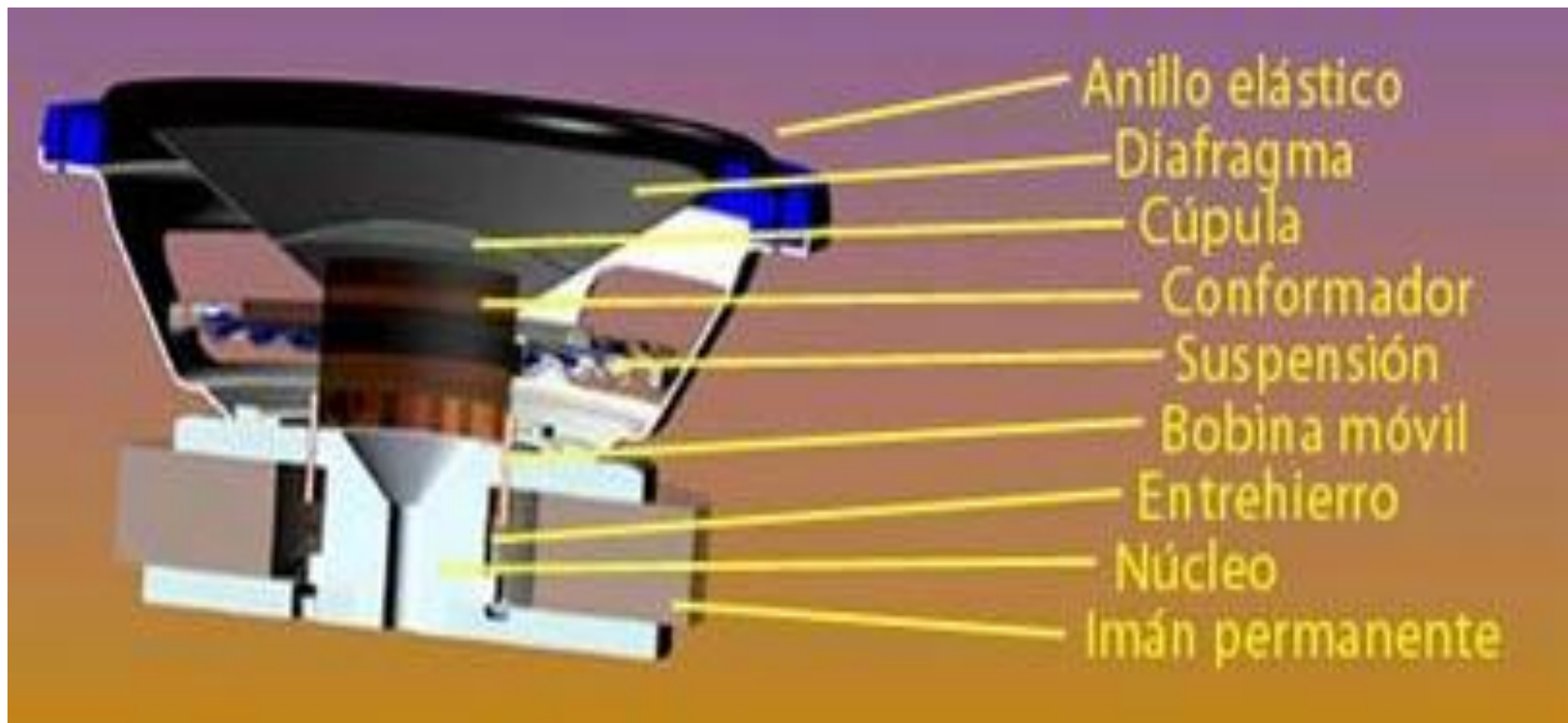
Altavoz electrodinámico



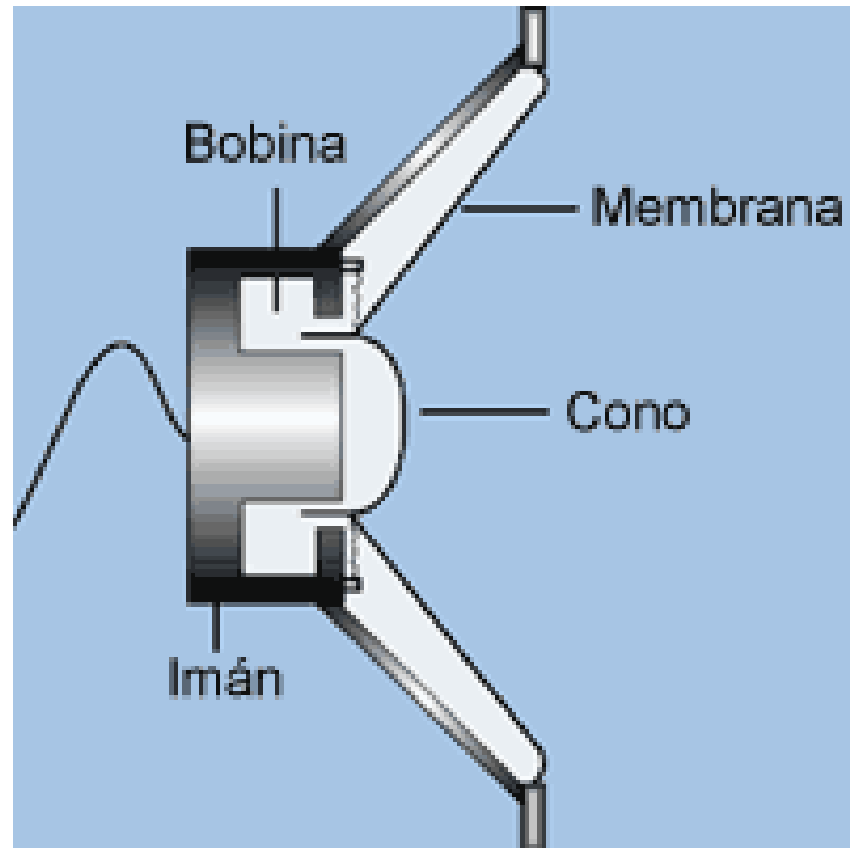
Partes do altavoz electrodinámico (I)



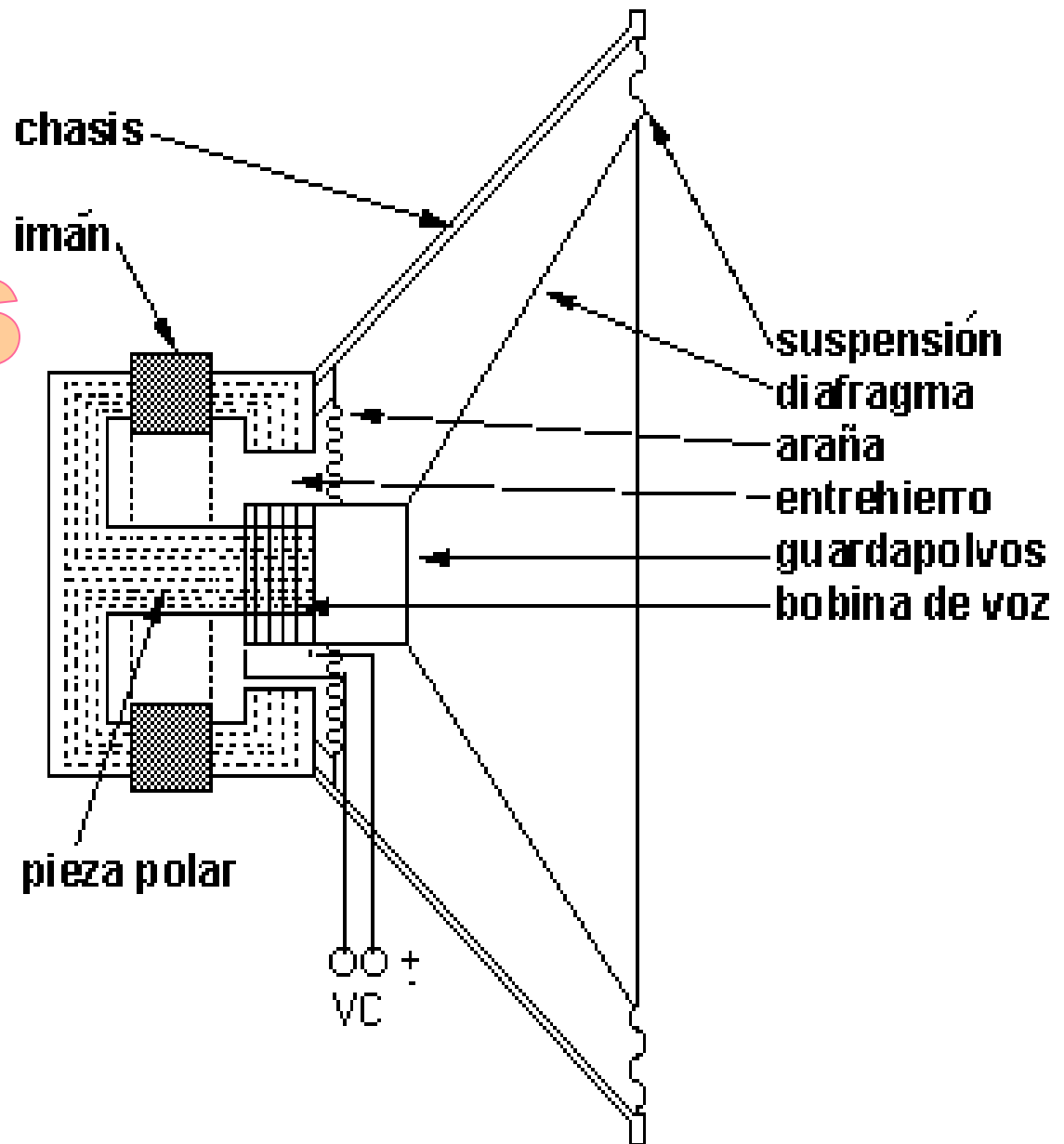
Partes do altavoz electrodinámico (II)



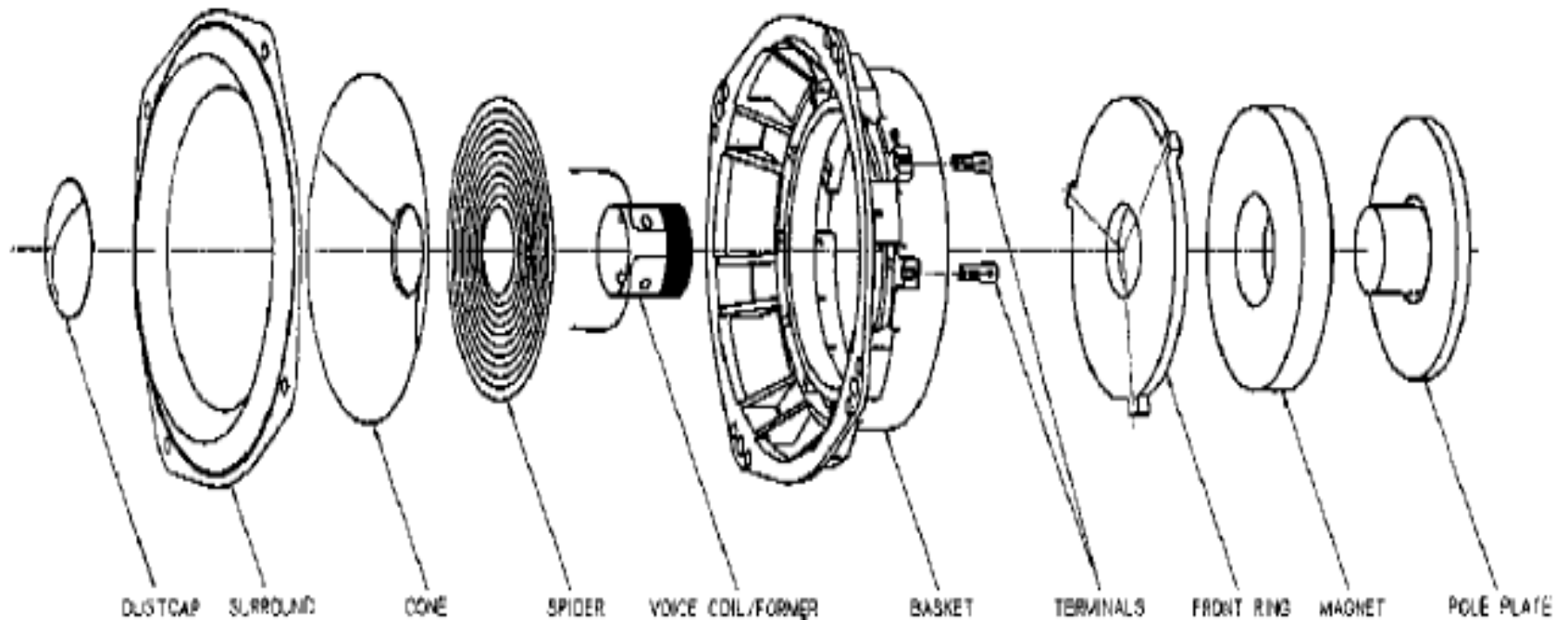
erros



Partes básicas



despiece do altavoz dinámico

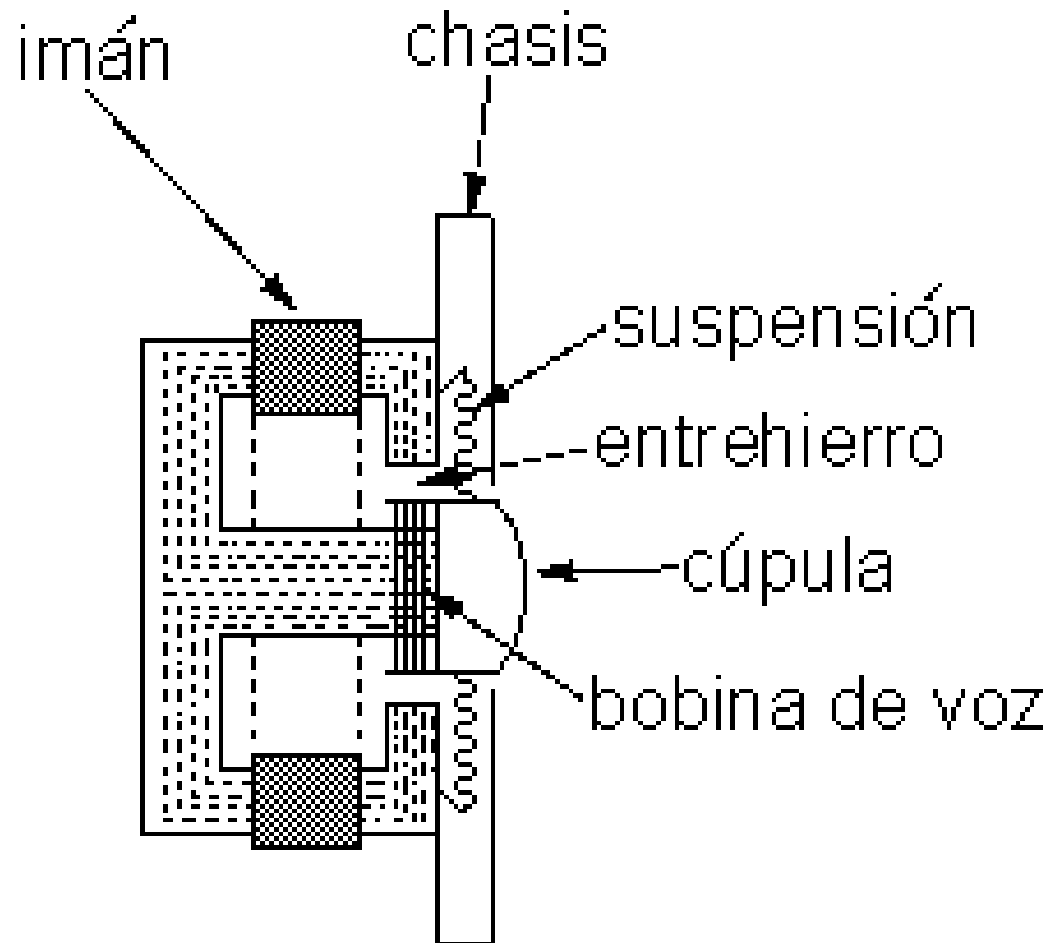


dinámico de agudos

cúpula



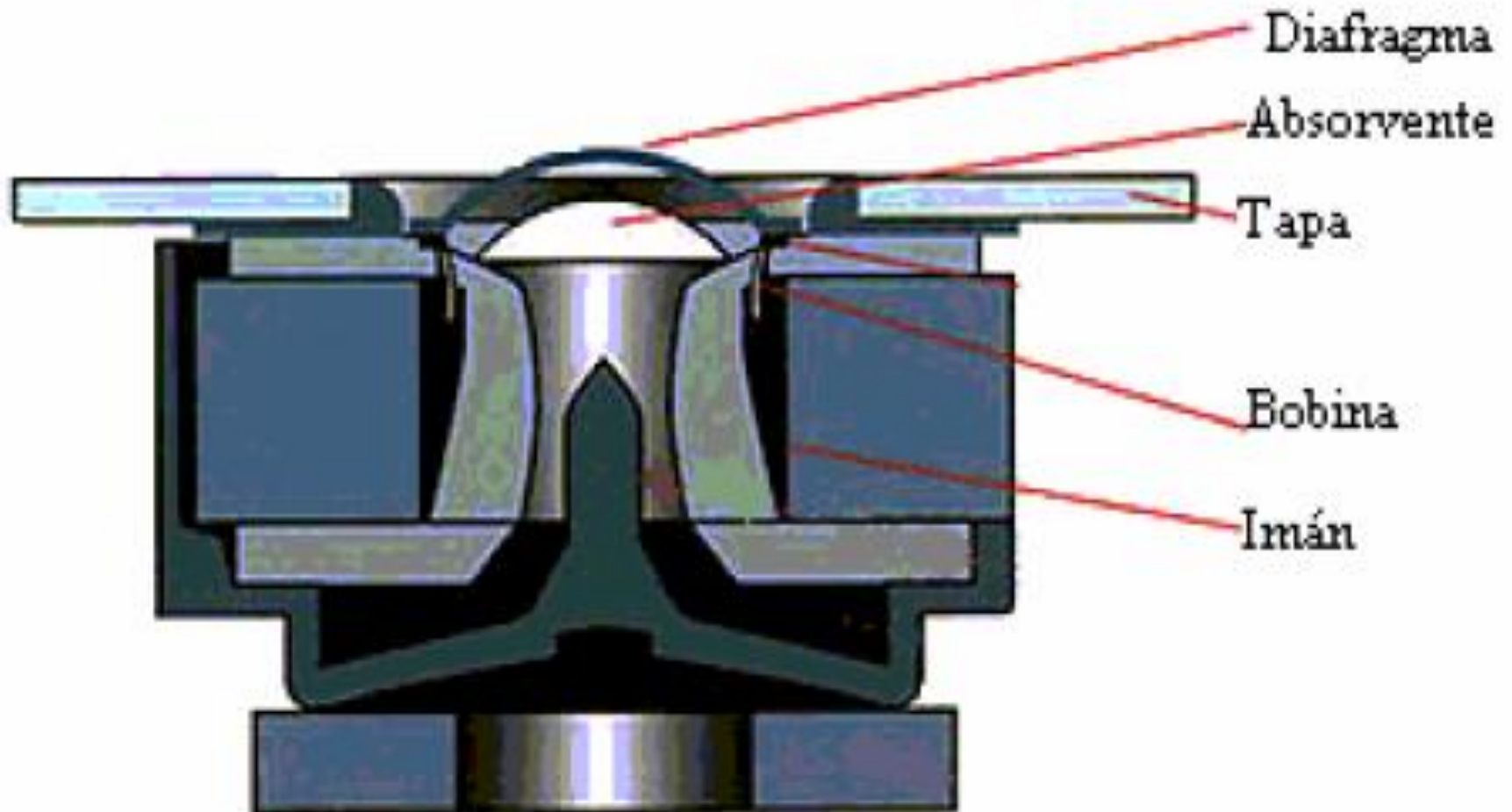
Partes do altavoz de cúpula



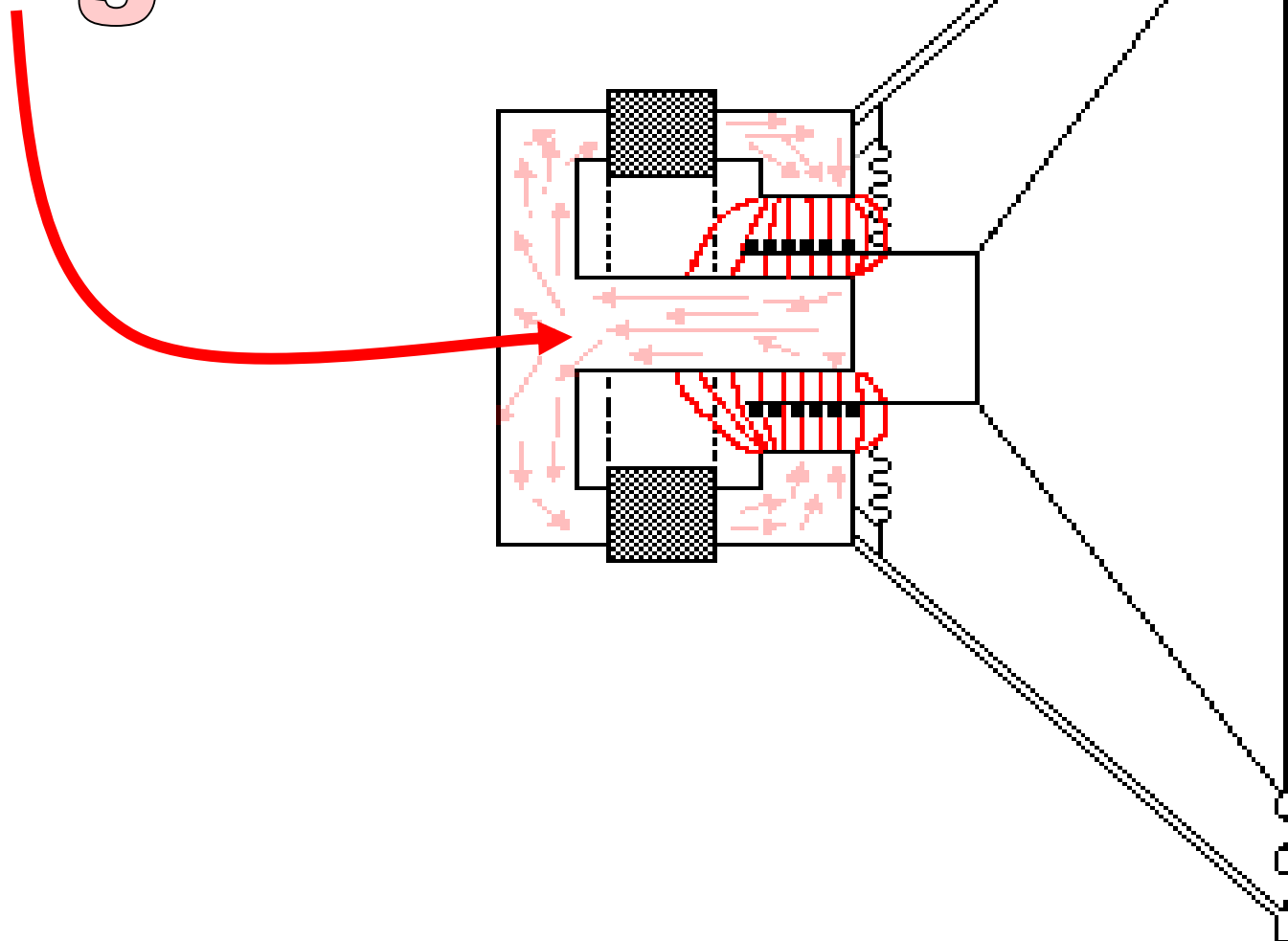
altofalante
dinámico
de
graves



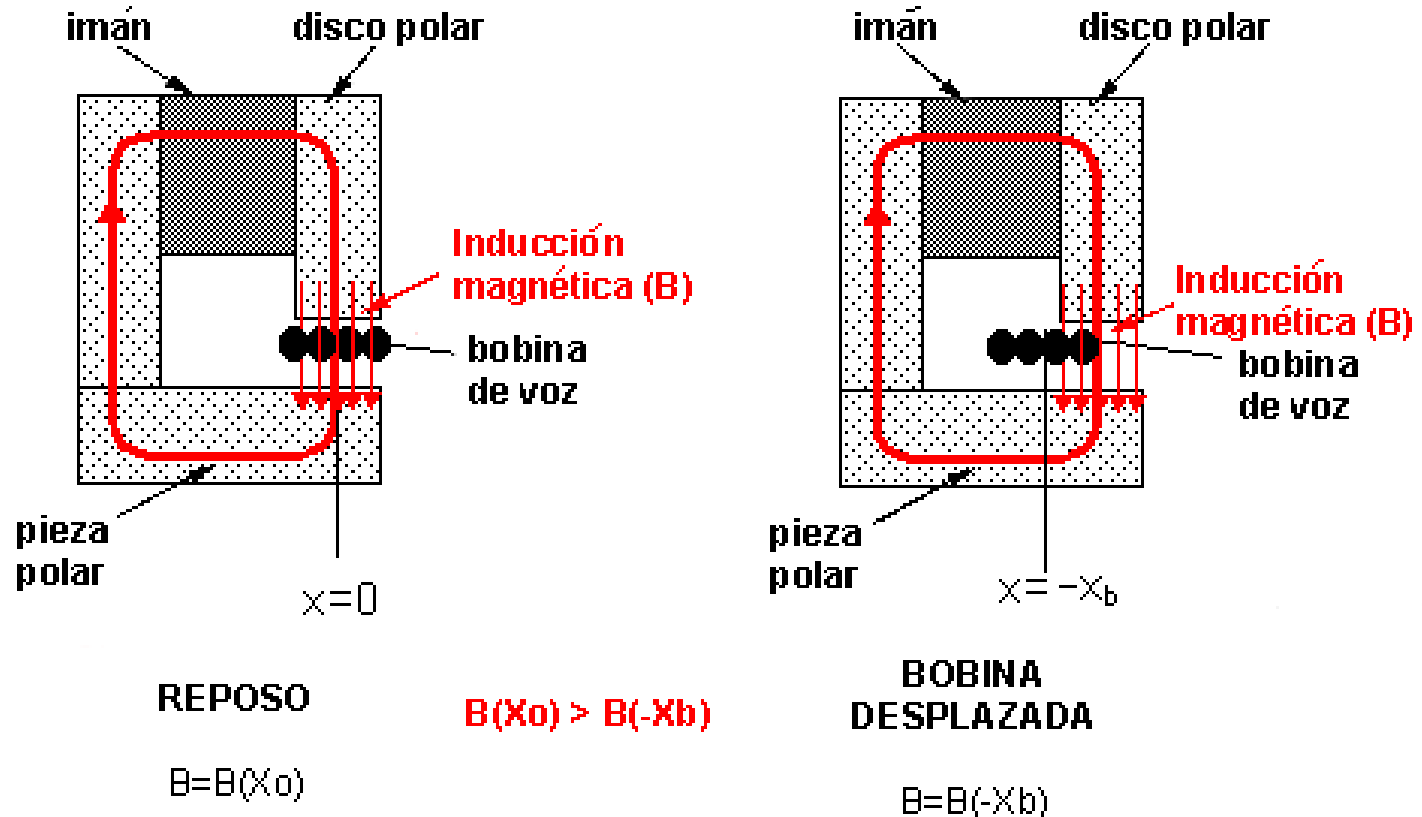
sección dun dinámico de agudos



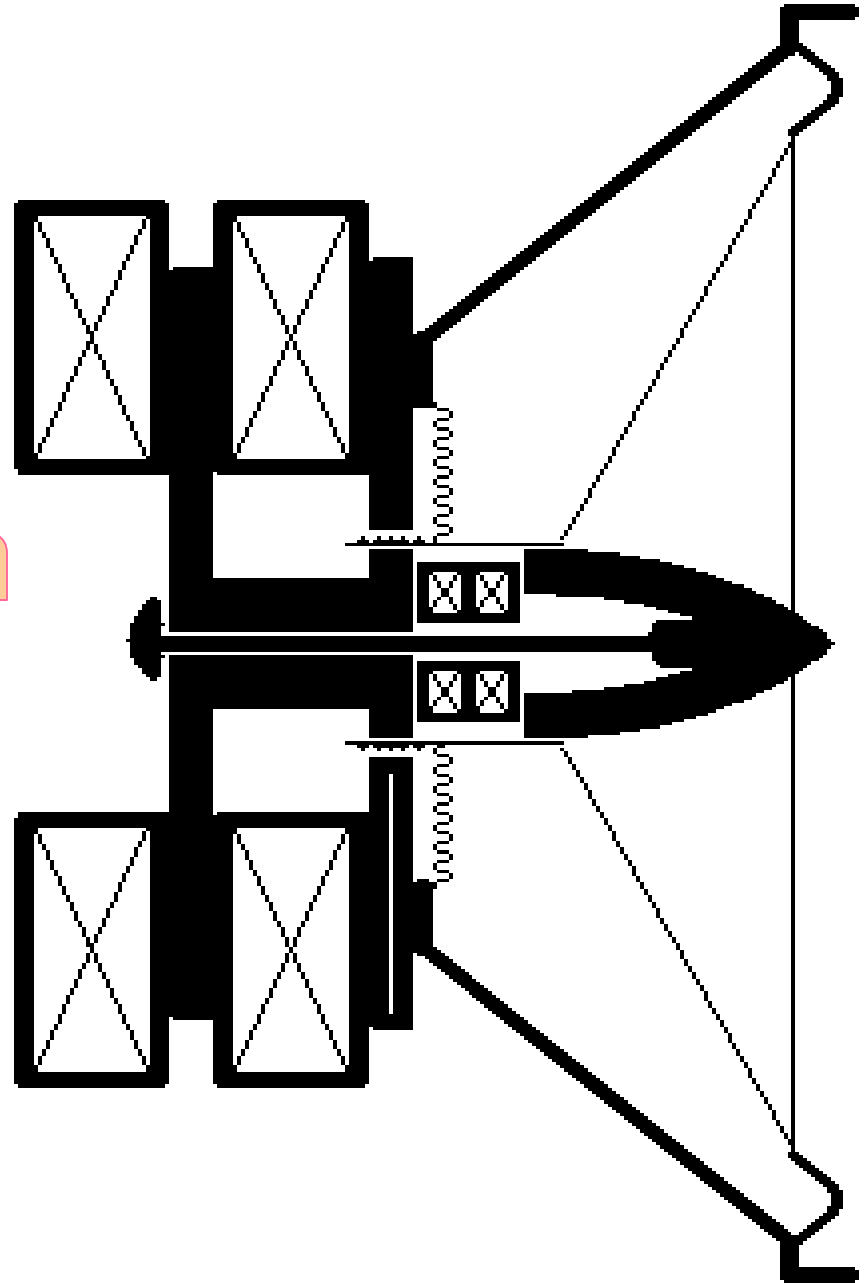
circuito magnético



Desplazamiento da bobina



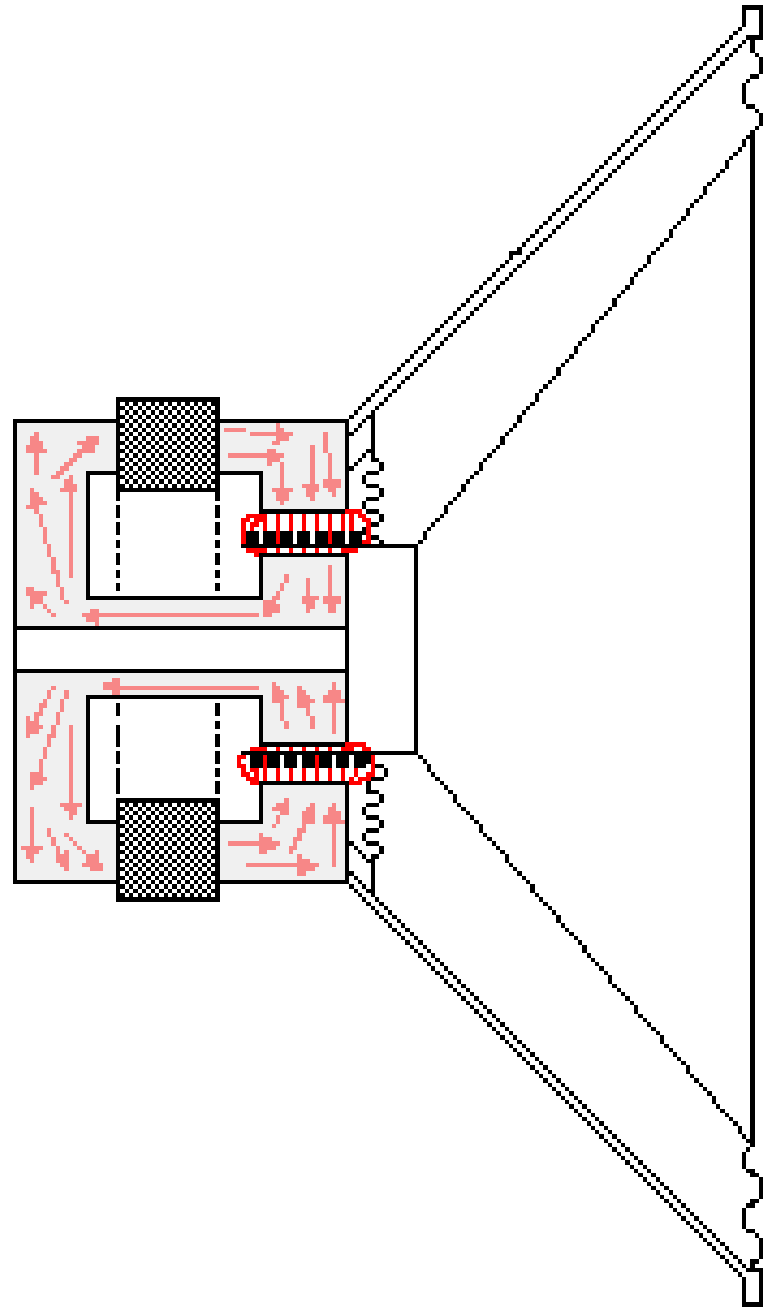
Mellora magnética



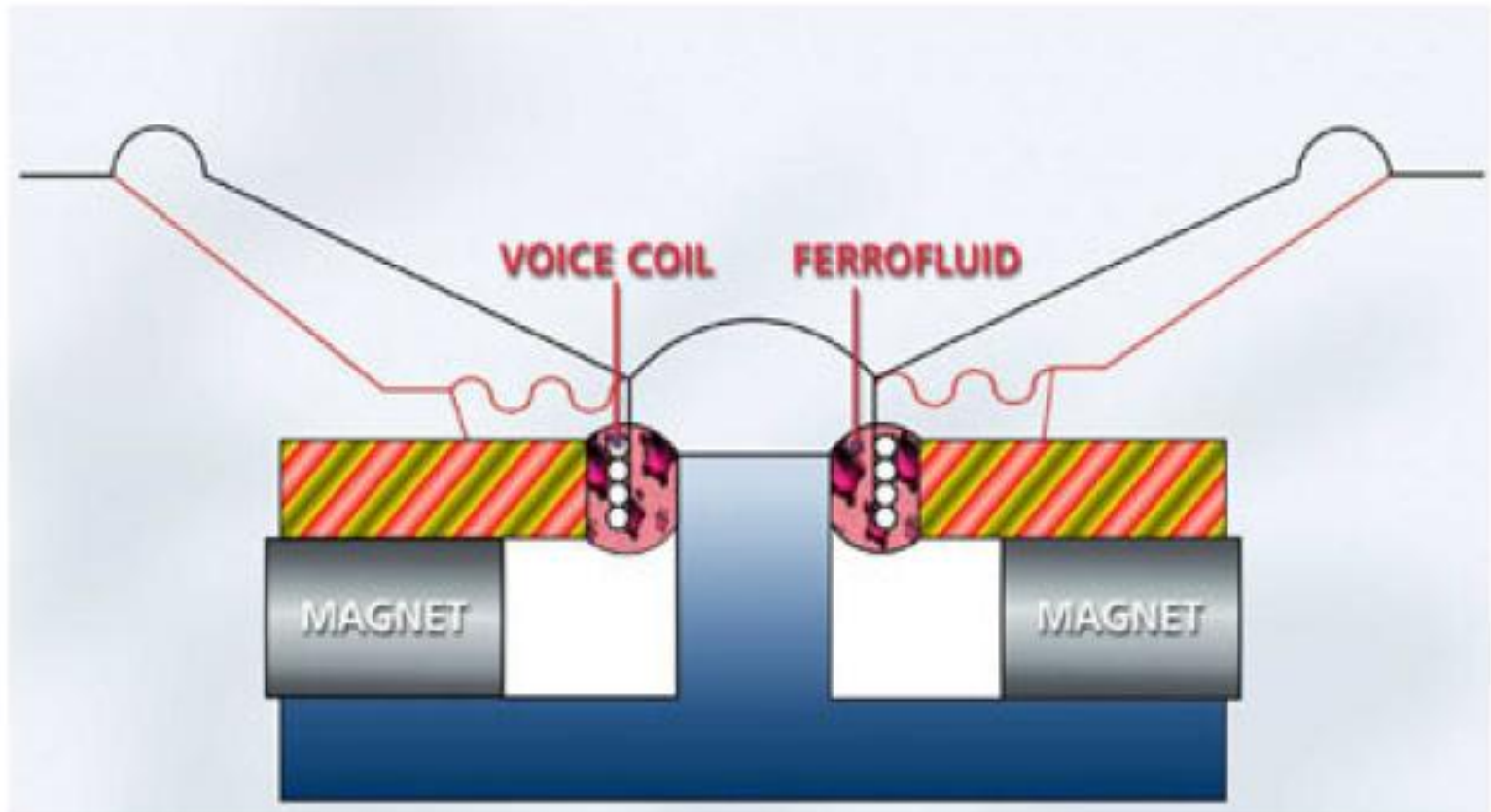
Materiais magnéticos

	Ferrita	Neodimio
Coste	Bajo	Alto
Resistencia a la corrosión	Buena	Mala
Propiedades magnéticas	Grado bajo-medio: <i>Producto de energía</i> entre 1 y 4	Grado alto: <i>Producto de energía</i> entre 25 y 40
Estabilidad de las propiedades magnéticas	Alta: <i>T^a de Curie</i> 450°C	Baja: <i>T^a de Curie</i> 300°C

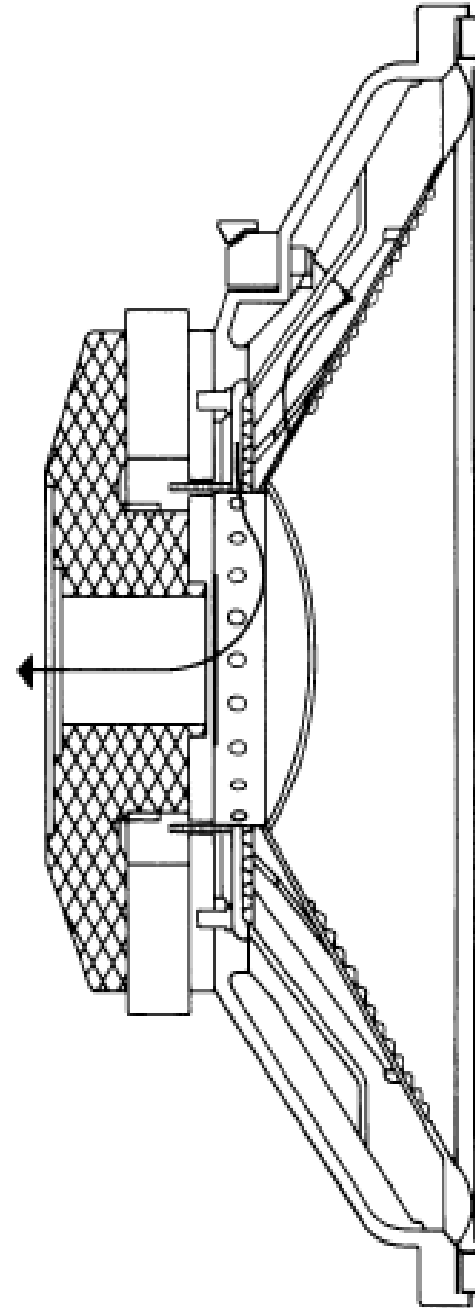
Disipación da calor



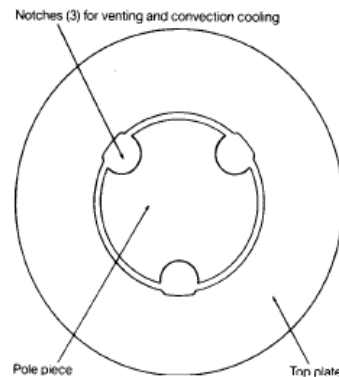
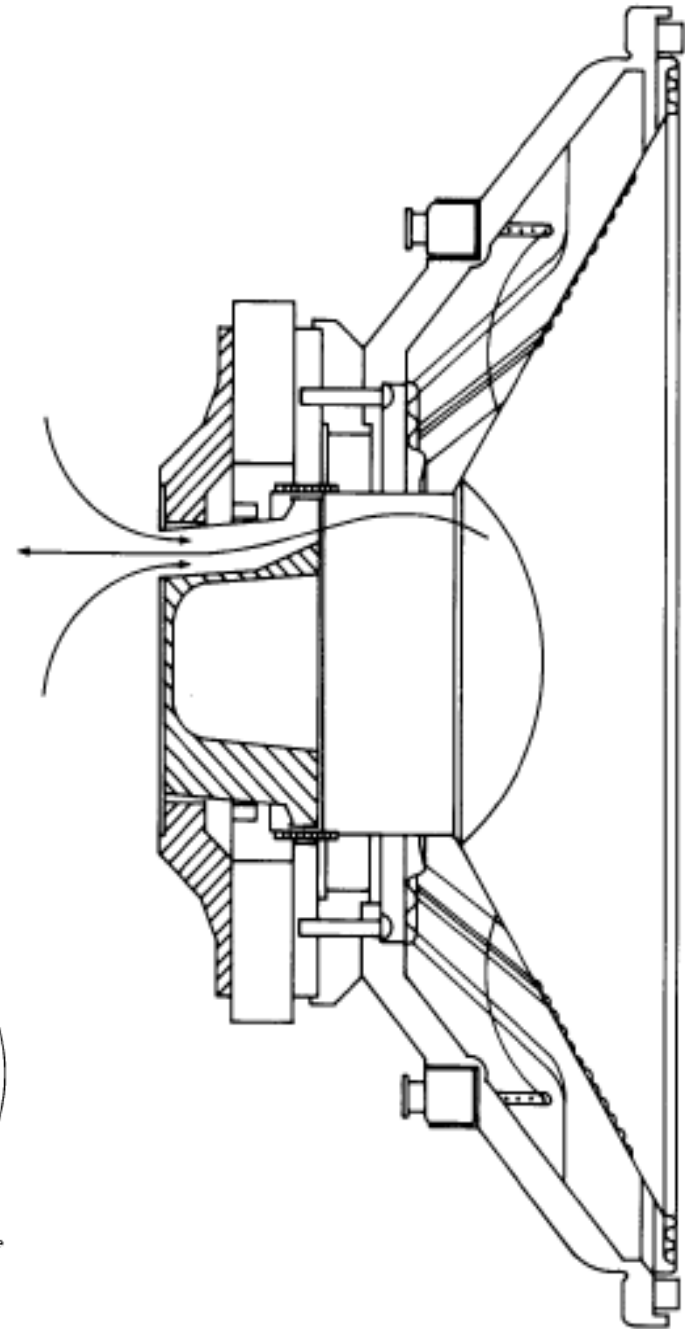
Disipación por ferrofluido



Ventilación da bobina



Novo sistema de ventilação da bobina



Materiais da bobina

	Cobre	Aluminio
Resistividad (ohms x m)	$0.0172 \times 10e-6$	$0.0283 \times 10e-6$
Densidad (kg/m ³)	8700	2700

Impedancia da bobina

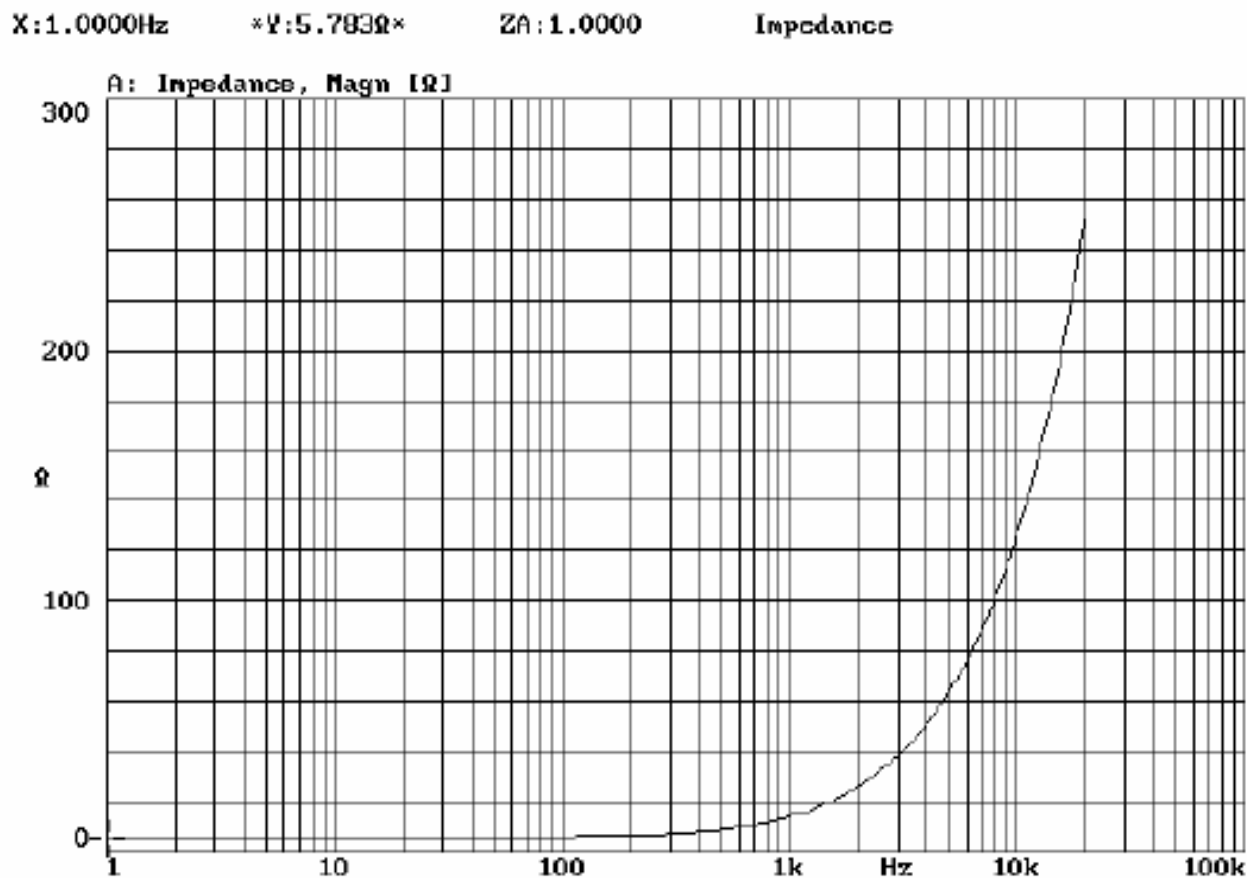


Figura 2.10. Curva de impedancia de la bobina del modelo 12" LX60.

Impedancia do altavoz

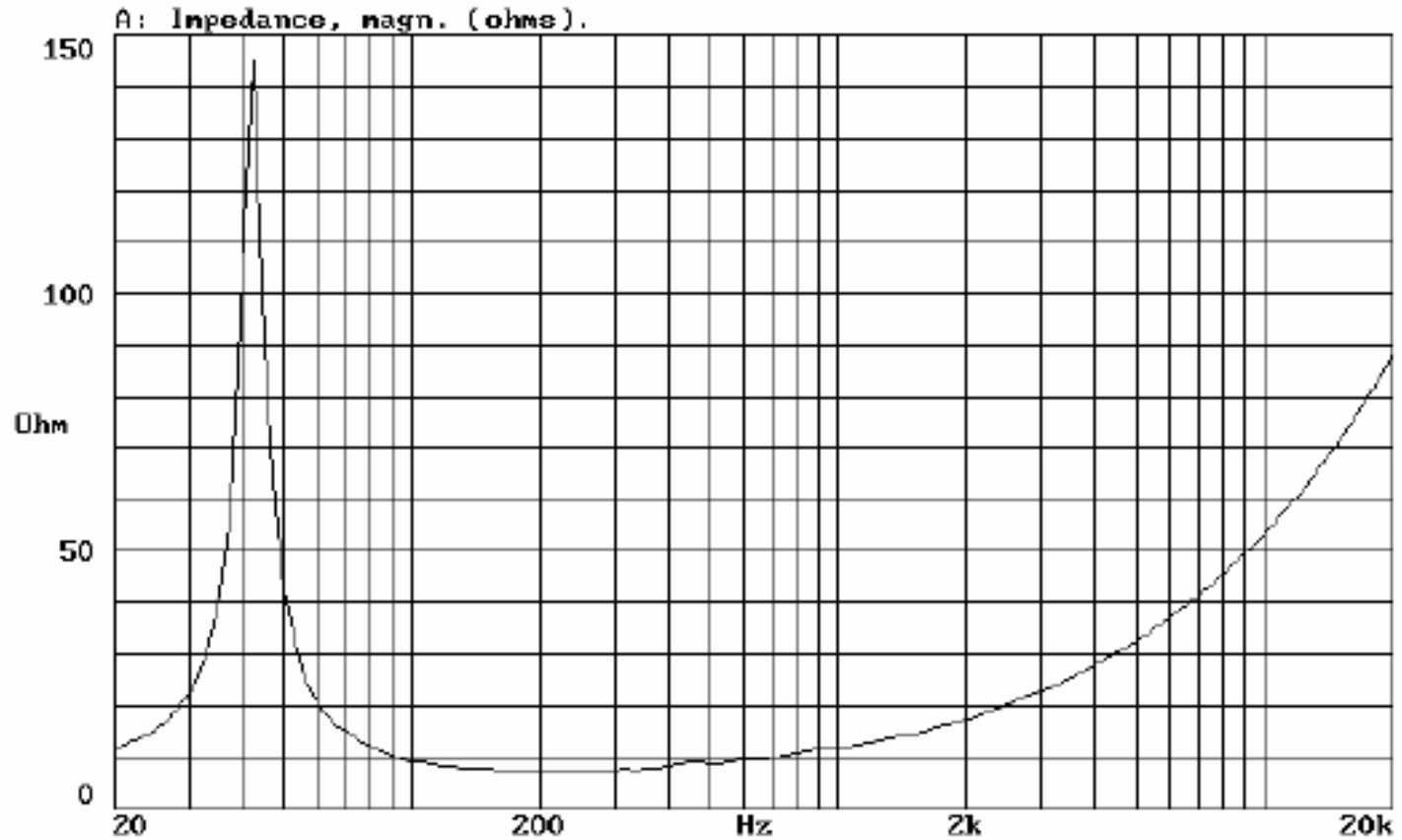
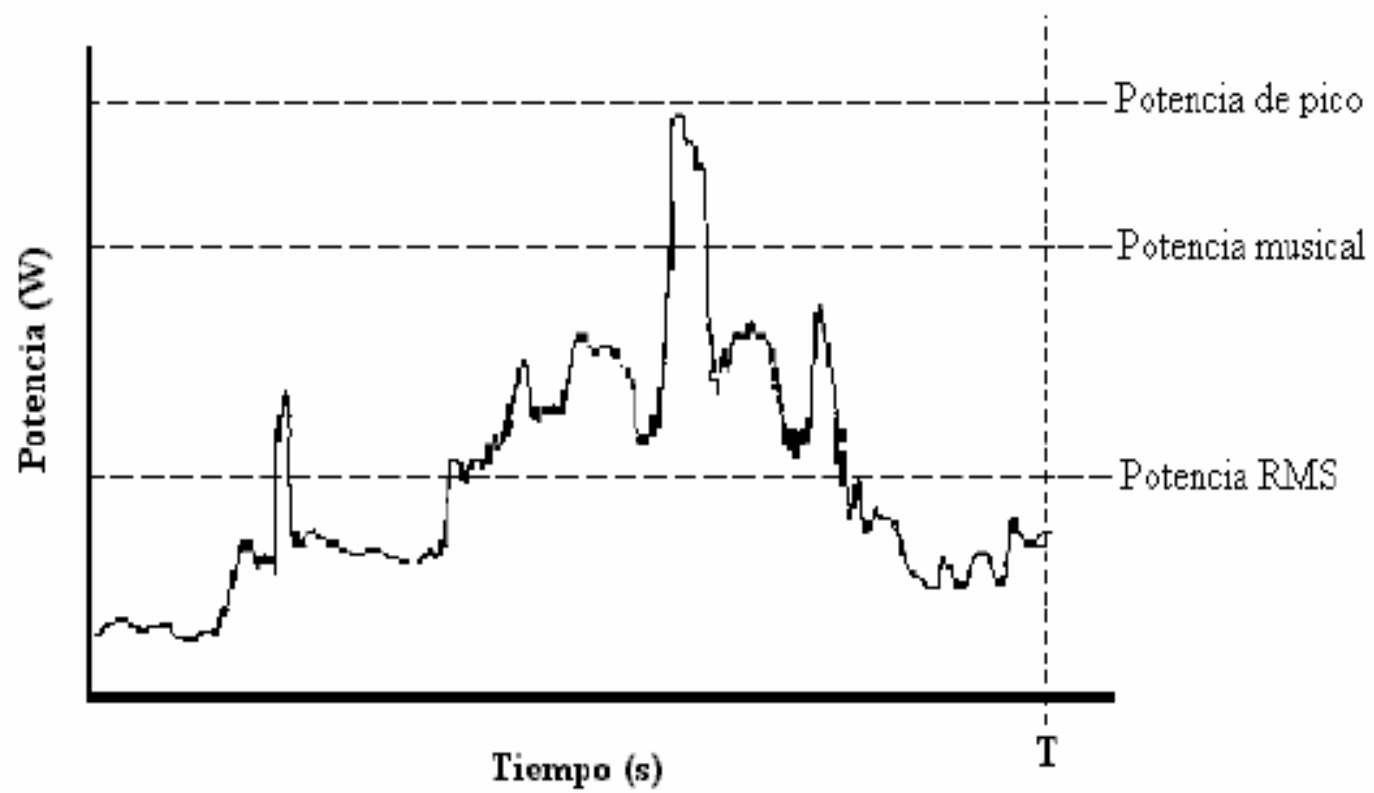


Figura 2.11. Curva de impedancia del altavoz 12" LX60.



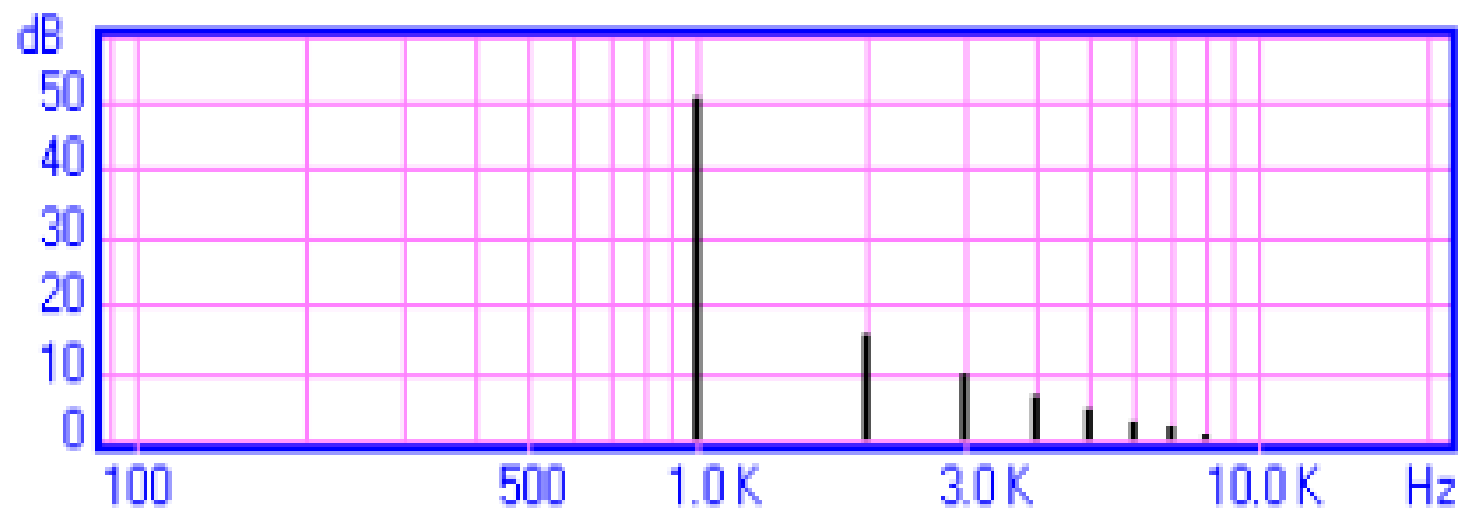
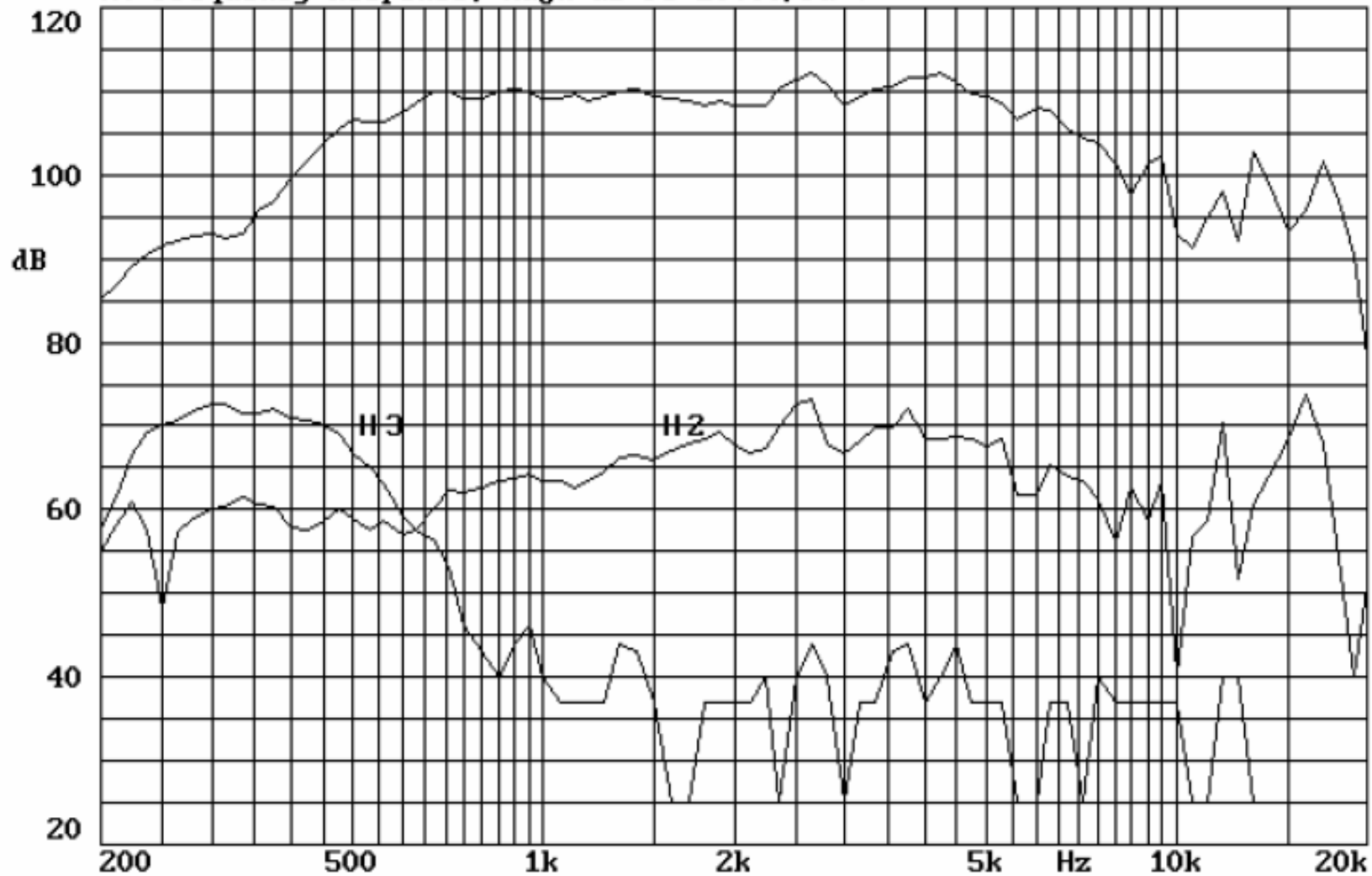


Figura 2.25. Distorsión Armónica Total (THD)

A: Frequency Response, Magn dB re 20.00 μ Pa/U



Sin suplementar H2. Suplementado 6 decimas H2.

