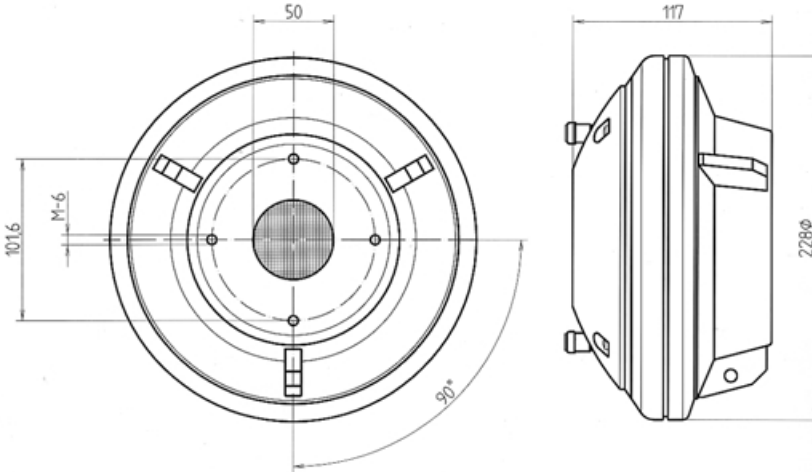


CP800/Ti
HIGH FREQUENCY
COMPRESSION
DRIVER

The CP 800/Ti is a high performance compression driver capable of high acoustic output over a wide frequency range. It features an integral pure titanium dome and surround, a precision lightweight voice coil made from flat aluminium wire, wound on high temperature polyimide former and a massive, powerful magnet structure, providing high energy and the ability to handle extremely high power levels over extended periods of time.

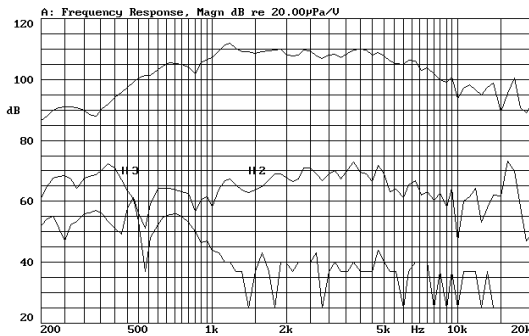
Modelo de compresión de 2" con unas características muy similares al CP850/Nd, aunque con un sistema magnético más macizo al utilizar un imán de ferrita de gran tamaño. Este modelo se caracteriza por su excelente rendimiento, amplia banda pasante y gran potencia admisible.



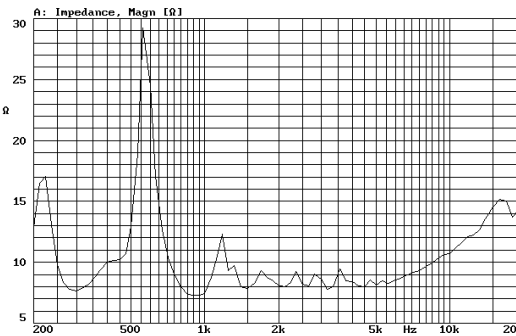
SPECIFICATIONS

Throat diameter	49 mm. 2 in.
Rated impedance	8 ohms.
Minimum impedance	7.5 ohms @ 1.5 kHz
D.C. Resistance	5.6 ohm
Power Capacity*	60 w RMS above 500 Hz 125 w RMS above 1.5 kHz
Program Power	120 Watts. above 500 Hz 250 Watts. above 1.5 kHz
Sensitivity*	112 dB 1w @ 1m coupled to TD-460 horn
Frequency range	0.5 - 20 kHz
Recommended crossover	500 Hz or higher, 12 dB/oct. min.
Voice coil diameter	100 mm. 4 in.
Magnetic assembly weight	8.9 kg. 19.6lb.
Flux density	1.75 T
BL factor	15 N/A

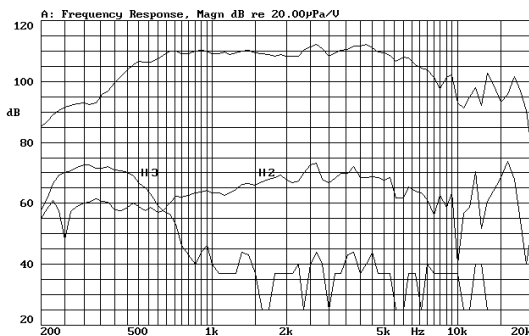
FREQUENCY RESPONSE & DISTORTION CURVES, MAGN. On axis, 1w @ 1m.
Coupling to TD590 Horn



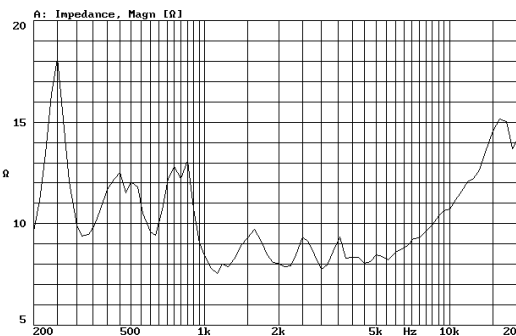
FREE AIR IMPEDANCE CURVE
Coupling to TD590 Horn



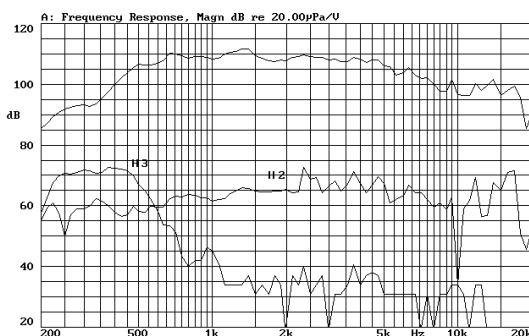
FREQUENCY RESPONSE & DISTORTION CURVES, MAGN. On axis, 1w @ 1m.
Coupling to TD460/N Horn



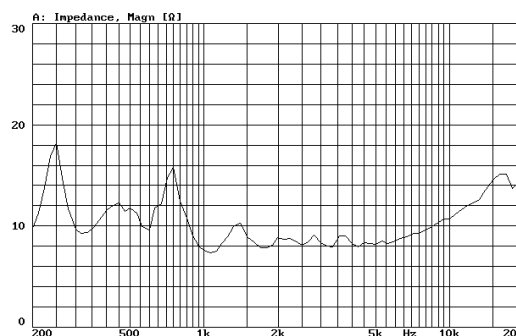
FREE AIR IMPEDANCE CURVE
Coupling to TD460/N Horn



FREQUENCY RESPONSE & DISTORTION CURVES, MAGN. On axis, 1w @ 1m.
Coupling to TD400/N Horn



FREE AIR IMPEDANCE CURVE
Coupling to TD400/N Horn



MOUNTING INFORMATION

Overall diameter	228 mm. 9 in.
Depth	117 mm. 4.6 in.
Mounting	Four M6 threaded holes, 90° apart on 101.6 mm (4 in.) diameter circle. Mounting hardware is supplied.
Net weight	10.3 kg. 22.7 lb.
Shipping weight	11 kg. 22.4 lb.

MATERIALS

Diaphragm	Titanium
Voice coil	Edgewound alum. ribbon
Voice coil former	Kapton
Magnet	Ferrite

NOTES

*The power capacity corresponds to the RMS maximum value that can dissipate the loudspeaker when a sinus signal is applied for a period of at least two hours.
Program power is defined as the transducer's ability to handle normal music program material.
**Sensitivity was measured at 1m distance, on axis, with 1w input, averaged in the range 3-15 kHz.

NOTAS

* La potencia admisible corresponde a la máxima potencia RMS que puede disipar el altavoz durante al menos dos horas, cuando se le aplica una señal senoidal determinada. Por potencia programa se entiende la capacidad de altavoz en el manejo de señales transitorias como sería el proporcionado por el contenido de un pasaje musical normal.
**Medición realizada con el micrófono a 1 m de distancia, en el eje, aplicando 1w al altavoz, promediando en el rango 1-7 kHz.