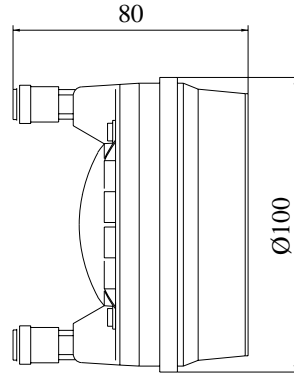
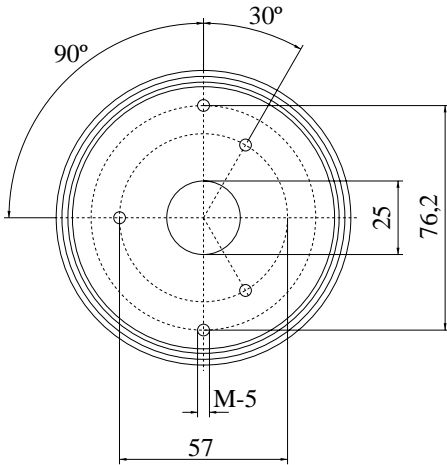


CP385/Nd
HIGH FREQUENCY
COMPRESSION
DRIVER

This 1" professional high quality compression driver features a compact, lightweight neodymium rare-earth magnet system, an integrated polyester diaphragm attached to an edgewound aluminium ribbon wire voice coil, providing exceptionally acoustic pressure over an extremely wide frequency range, with smooth and flat response, and low harmonic distortion. The coil diaphragm assembly is easily field replaceable without soldering.

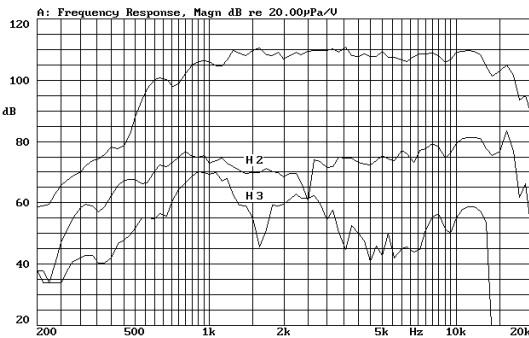
Este motor de compresion para altas frecuencias de 1" de salida presenta un compacto y ligero sistema magnético a base de imán de neodimio, un diafragma de polyester y bobina de aluminio de hilo plano puesta de canto*. Este motor suministra una excepcional presión acústica sobre una amplia repuesta de frecuencia, aportando además una muy baja distorsión armónica.



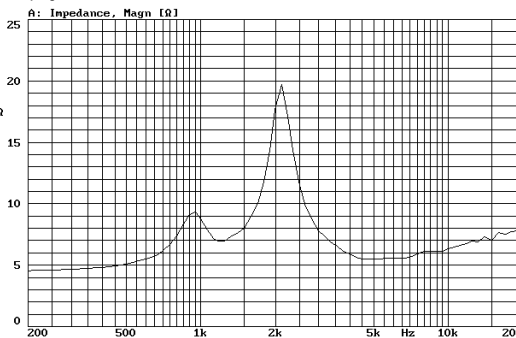
SPECIFICATIONS

Throat diameter	25 mm-1 in.
Rated impedance	8 ohms
Minimum impedance	5.2 ohms @ 4.5 kHz
D.C. Resistance	4.7 ohms
Power capacity	50 w RMS above 1.5 kHz
Program Power	100 w above 1.5 kHz
Sensitivity	107 dB 1w @ 1 m coupled to TD 250 horn
Frequency range	0.8 - 20 kHz
Recommended crossover	1.2 kHz or higher
Voice coil diameter	44.4 mm. 1.75 in.
Magnetic assembly weight	1.1 kg. 2.42 lb.
Flux density	2.2 T
BI factor	7.5 N/A

FREQUENCY RESPONSE & DISTORTION CURVES, MAGN. On axis, 1w @ 1m.
Coupling to TD250 Horn



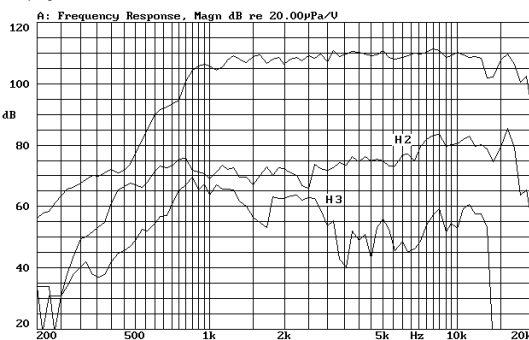
FREE AIR IMPEDANCE CURVE
Coupling to TD250 Horn



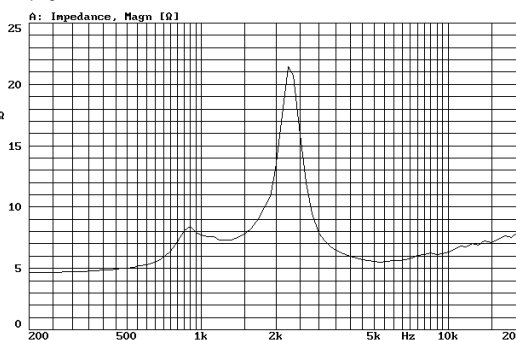
MOUNTING INFORMATION

Overall diameter	100 mm. - 4 in.
Depth	80 mm. 3.1 in.
Mounting	Three M-5 threaded holes, 120° apart on 57 mm. (2.24 in.) diameter circle. Two M5 threaded holes, 180° apart on 76.2 mm. (3 in) diameter circle.
Net weight	1.35 kg. 2.97 lb
Shipping weight	1.5 kg. 3.3 lb

FREQUENCY RESPONSE & DISTORTION CURVES, MAGN. On axis, 1w @ 1m.
Coupling to TD245 Horn



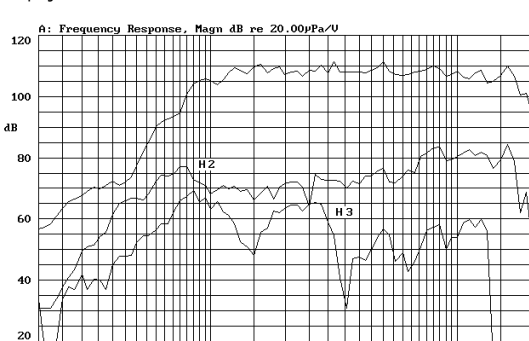
FREE AIR IMPEDANCE CURVE
Coupling to TD245 Horn



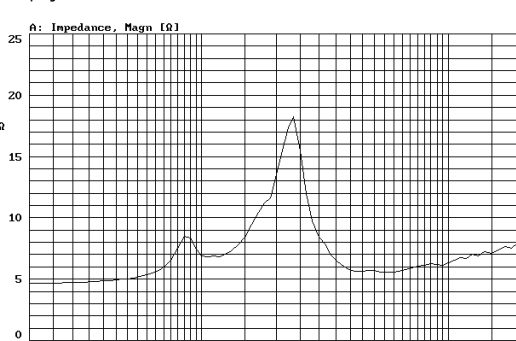
MATERIALS

Diaphragm	Polyester
Voice coil	Edgewound alum. ribbon
Voice coil former	Kapton
Magnet	Neodymium

FREQUENCY RESPONSE & DISTORTION CURVES, MAGN. On axis, 1w @ 1m.
Coupling to TD235 Horn



FREE AIR IMPEDANCE CURVE
Coupling to TD235 Horn



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.