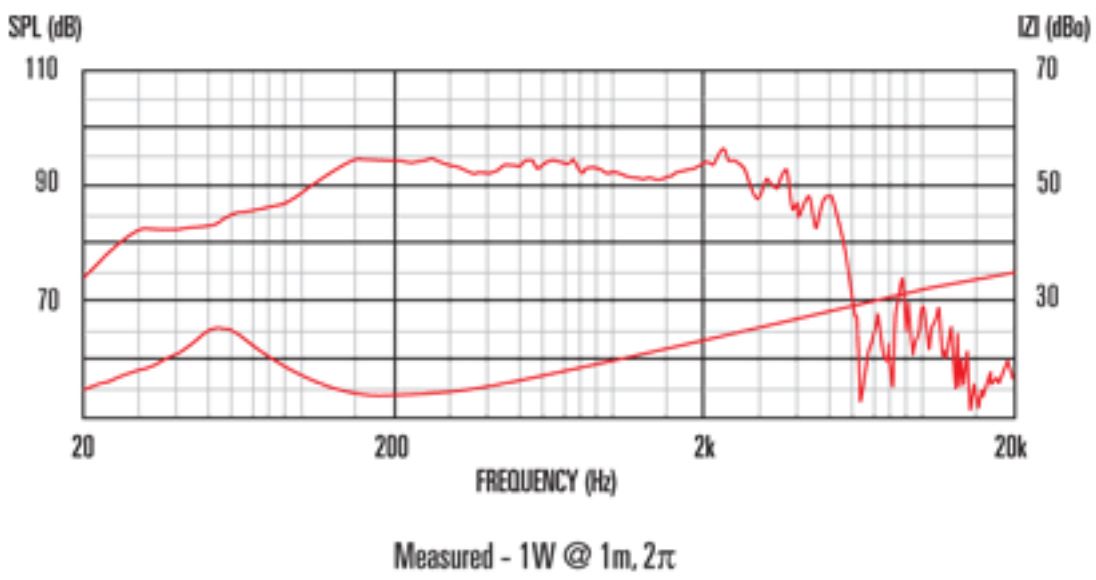
LF Pressed Chassis / Ferrite

TF1230

Features

- 12" Bass and mid-range driver providing 94dB sensitivity and 350Wrms (AES standard) power handling
- 3" high temperature copper voice coil wound on polyimide for increased reliability
- Kevlar-loaded cone with sealed surround and damping for reduced distortion.
- Double roll surround for greater excursion control
- For use in 2-way or compact 3-way systems

8 Ω Frequency Response



1. Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.
2. Measured on axis at 1W, 1m in 2 anechoic environment.
3. Xmax derived from: (voice coil winding width-gap depth)/2.

General Specifications

Nominal diameter	305mm/12in
Power rating [1]	350Wrms
Nominal impedance	8 Ω
Sensitivity [2]	94dB
Frequency range	45-3000Hz
Voice coil diameter	75mm/3in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	1.4kg/48oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax [3]	5mm/0.19in
Gap depth	8mm/0.24in
Voice coil winding width	17.5mm/0.69in

Small Signal Parameters

D	0.26m/0.24in
Fs	56.9Hz
Mms	58.59g/2.07oz
Mmd	51.68g/1.82oz
Qms	2.411
Qes	0.615
Qts	0.490
Re	5.18 Ω
Vas	53.3lt/1.88ft3
Bl	13.29Tm
Cms	0.133mm/N
Rms	8.69kg/s
Le (at 1kHz)	1.20mH

Mounting Information

Diameter	309mm/12.17in
Overall depth	140mm/5.5in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	ø7.9/0.31
Number of mounting slots	4
Mounting PCD range	297mm/11.69in
Unit weight	4.3kg/9.46lb

Packed Dimensions & Weight

Multipack (60) size W x D x H	1080mmx980mmx880mm /42.5in x 38.6in x 34.6in
Multipack (60) weight	190kg/419lb

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