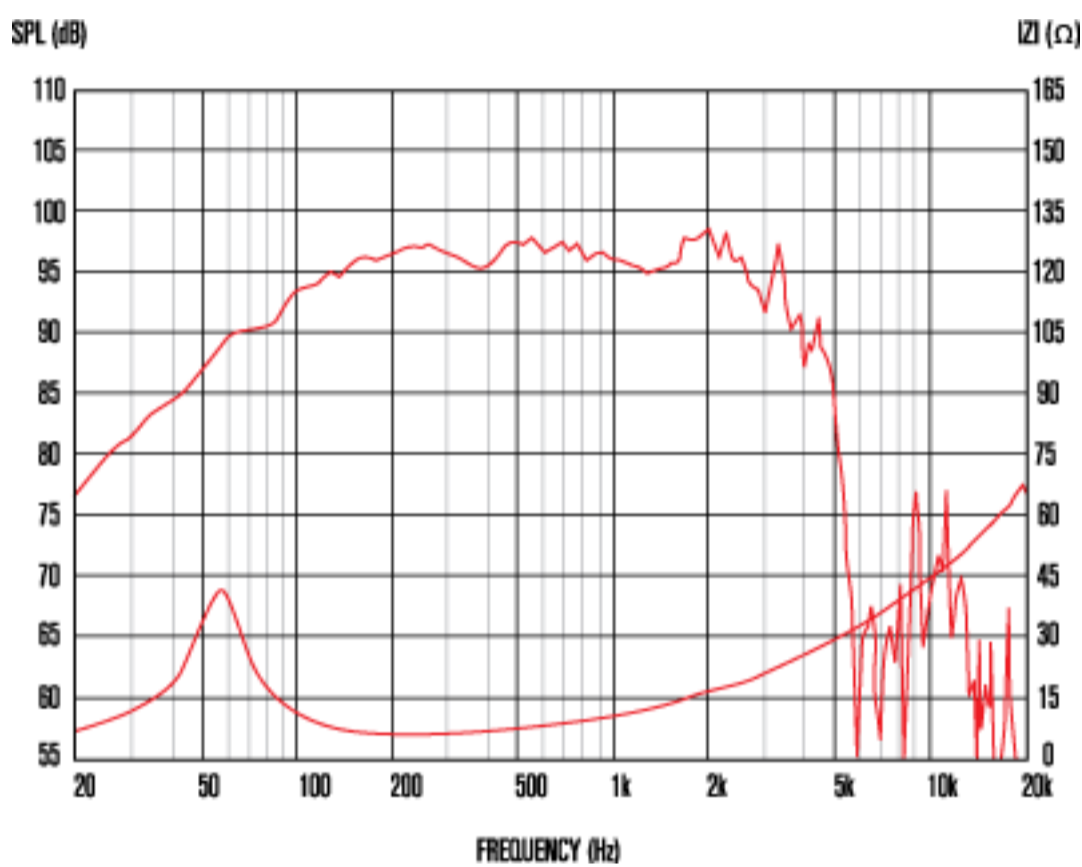


TF1230SL



- Airflow vented magnet assembly for dynamic heat dispersion
- Compact, high flux, Dual Magnet Motor design

8 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. Continuous Power Rating is defined as 3dB greater than the AES rating
3. Tested as per the EIA-426-A standard
4. Measured on axis at 1W, 1m in 2' anechoic environment.
5. Xmax derived from: (voice coil winding width-gap depth)/2.
6. Small signal parameters measured after unit subjected to pre-conditioning signal

General Specifications

Nominal diameter	305mm/12in
Power rating ¹	350Wrms
Continuous power rating ²	700W
EIA power rating ³	500W
Nominal impedance	8
Sensitivity ⁴	97dB
Frequency range	50-4,000Hz
Voice coil diameter	75mm/3in
Chassis type	Pressed Steel
Magnet type	Ferrite
Magnet weight	1.7kg/60oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ⁵	4mm/0.16in
Gap depth	8mm/0.31in
Voice coil winding width	16mm/0.63in

Small Signal Parameters

D	0.26m/10.24in
Fs	56.8Hz
Mms	58.32g/2.06oz
Qms	3.635
Qes	0.437
Mmd	52.37g/1.84oz
Qts	0.390
Re	5.17
Vas	53.74lt/1.9ft3
Bl	15.68Tm
Cms	0.14mm/N
Rms	5.72kg/s
Le (at 1kHz)	0.89mH

Mounting Information

Overall diameter	309mm/12.17in
Overall depth	137mm/5.43in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	7.9mm/0.31in
Number of mounting slots	4
Mounting PCD range	297mm/11.68in
Unit weight	4.3kg/9.5lb

Packed Dimensions & Weight

Multi pack size W x D x H	1080mm x 980mm x 880mm /42.5in x 38.6in x 34.6in
Multi pack weight	285kg/620lb