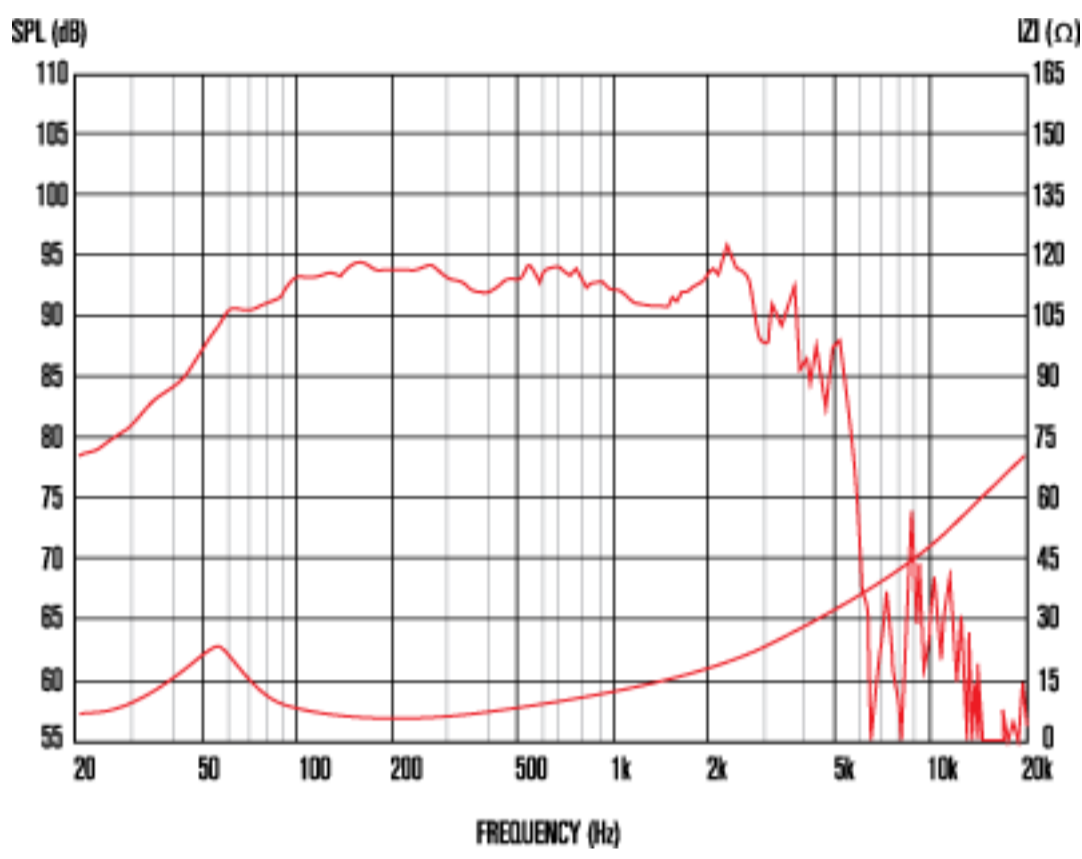


TF1230



- Airflow vented magnet assembly for dynamic heat dispersion

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^l 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 | 94dB |
| Frequency range | 45-3,000Hz |
| 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 ⁵ | 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 | 59Hz |
| Mms | 56.86g/2.01oz |
| Qms | 2.449 |
| Qes | 0.652 |
| Mmd | 51.68g/1.82oz |
| Qts | 0.515 |
| Re | 5.19 |
| Vas | 51.121lt/1.81ft3 |
| Bl | 12.96Tm |
| Cms | 0.13mm/N |
| Rms | 8.6kg/s |
| Le (at 1kHz) | 1.31mH |

Mounting Information

| | |
|--------------------------|-----------------|
| Overall diameter | 309mm/12.17in |
| Overall depth | 140mm/5.5in |
| Cut-out diameter | 283mm/11.14in |
| Mounting slot dimensions | 8.216; 7.9/0.31 |
| Number of mounting slots | 4 |
| Mounting PCD range | 297mm/11.69in |
| Unit weight | 4.3kg/9.46lb |

Packed Dimensions & Weight

| | |
|----------------------------|---|
| Single pack size W x D x H | 330mm x 330mm x 150mm /13in x 13in x 5.9in |
| Single pack weight | 5kg/11lb |
| Multi pack size W x D x H | 1080mmx980mmx880mm /42.5in x 38.6in x 34.6in |
| Multi pack weight | 285kg/620lb |