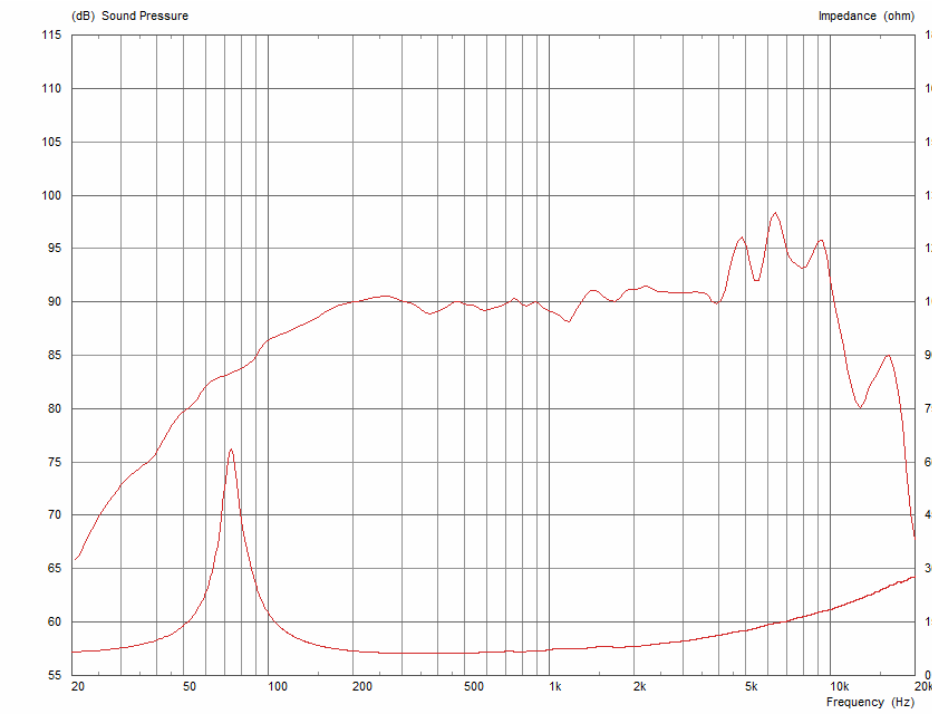


TF0512HE



- Elastomer surround for increased excursion
- Enhanced low frequency performance
- Inverted dustcap for close positioning of phase plug

Frequency Response and Impedance Curves



Power rating: 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. Continuous power rating: Defined as 3dB greater than the AES rating. Sensitivity: Measured on axis at 1W, 1m in 2 anechoic environment. Parameters: Measured after unit subjected to pre-conditioning signal. Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

General Specifications

| | |
|-------------------------|-----------------------|
| Nominal Diameter | 125mm / 5in |
| Power Rating | 75W |
| Continuous power rating | 150W |
| Rated impedance | 8Ω |
| Sensitivity | 89.5dB |
| Frequency range | 55-4,000Hz |
| Chassis type | Pressed steel |
| Magnet type | Ferrite |
| Magnet weight | 0.48kg / 17oz |
| Voice coil diameter | 31.75mm / 1.25in |
| Voice coil material | Copper clad aluminium |
| Former material | Polyimide |
| Cone material | Kevlar loaded paper |
| Surround material | Elastomer |
| Suspension | Single |
| Xmax | 4.75mm / 0.19in |
| Gap height (Hg) | 6mm / 0.24in |
| VC winding height (Hvc) | 12.5mm / 0.49in |

Mounting Information

| | |
|--------------------------|----------------|
| Overall diameter | 151mm / 5.94in |
| Overall depth | 72mm / 2.83in |
| Cut-out diameter | 117mm / 4.6in |
| Mounting hole dimensions | 4.5mm / 0.18in |
| Number of mounting holes | 4 |
| Mounting hole PCD | 140mm / 5.5in |
| Unit weight | 1.4kg / 3.1lb |

Parameters

| | |
|--------------|---------------------|
| Sd | 78.54cm2 / 12.17in2 |
| Fs | 84.7Hz |
| Mms | 8.89g / 0.31oz |
| Qms | 9.225 |
| Qes | 0.569 |
| Qts | 0.536 |
| Re | 542Ω |
| Vas | 3.46l / 0.12ft3 |
| Bi | 6.71Tm |
| Cms | 0.39mm/N |
| Rms | 0.51kg/s |
| Le (at 1kHz) | 0.28mH |
| Xmax | 4.75mm / 0.19in |