

TF0818

8-inch pressed steel chassis, ferrite magnet mid/bass driver



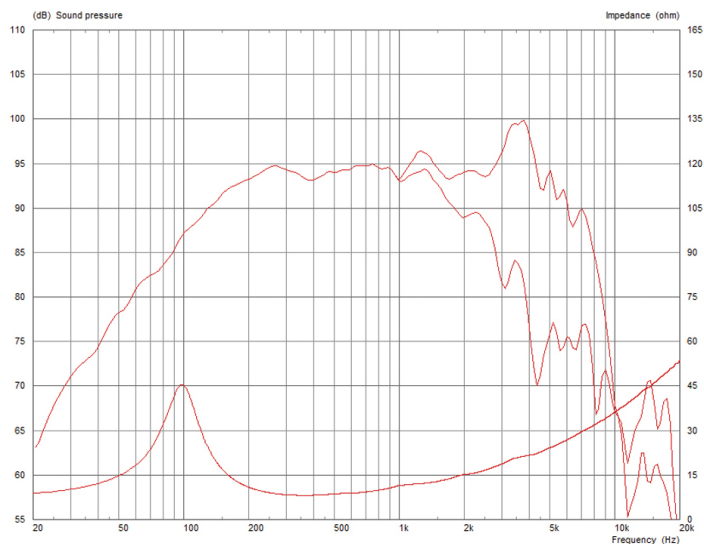
General Specifications

|                         |                     |
|-------------------------|---------------------|
| Nominal Diameter        | 203mm / 8in         |
| Power Rating            | 100W                |
| Continuous power rating | 200W                |
| EIA power rating        | 150W                |
| Rated impedance         | 8&ohm               |
| Sensitivity             | 94dB                |
| Frequency range         | 70-6000Hz           |
| Chassis type            | Pressed steel       |
| Magnet type             | Ferrite             |
| Magnet weight           | 0.88kg / 31oz       |
| Voice coil diameter     | 44mm / 1.75in       |
| Voice coil material     | Round copper        |
| Former material         | Polyimide           |
| Cone material           | Kevlar loaded paper |
| Surround material       | Cloth-sealed        |
| Suspension              | Single              |
| Gap height (Hg)         | 6mm / 0.24in        |
| VC winding height (Hvc) | 13mm / 0.51in       |
| Additional impedances   | 4&ohm;, 16&ohm;     |

Mounting Information

|                          |                         |
|--------------------------|-------------------------|
| Overall diameter         | 208mm / 8.19in          |
| Overall depth            | 99mm / 3.9in            |
| Cut-out diameter         | 183mm / 7.2in           |
| Mounting hole dimensions | 9.5x5.5mm / 0.37x0.22in |
| Number of mounting holes | 4                       |
| Mounting hole PCD        | 195-199mm / 7.68-7.83in |
| Unit weight              | 2.3kg / 5.1lb           |

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis |  
Secondary curve: Frequency response at 45° off axis

**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:**  $0.5 \cdot (H_{vc} - H_g) + 0.25 \cdot H_g$

Parameters

|              |  |
|--------------|--|
| Sd           | 226.98cm <sup>2</sup> / 35.18in <sup>2</sup> |
| Fs           | 100.00Hz                                     |
| Mms          | 19.57g / 0.69oz                              |
| Qms          | 3.311  |
| Qes          | 0.493  |
| Qts          | 0.429  |
| Re           | 6.72&ohm                                     |
| Vas          | 9.44l / 0.33ft <sup>3</sup>                  |
| Bi           | 12.95Tm                                      |
| Cms          | 0.13mm/N                                     |
| Rms          | 3.72kg/s                                     |
| Le (at 1kHz) | 0.75mH                                       |
| Xmax         | 5mm / 0.2in                                  |

Packed Dimensions & Weight

|                            |   |
|----------------------------|---|
| Single pack size W x D x H | 230mm x 230mm x 110mm / 9.1in x 9.1in x 4.3in |
| Single pack weight         | 2.8kg / 6.2lb                                 |
| Multi pack qty             | 140   |
| Multi pack weight          | 350kg / 770lb                                 |

