

## LF Loudspeakers

### TF0815RE



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

**200W**

Continuous power rating

**92.5dB**

sensitivity

**1.5in**

Copper voice coil

#### General Specifications

|                         |                     |
|-------------------------|---------------------|
| Nominal Diameter        | 200mm / 8in         |
| Power Rating            | 100W                |
| Continuous power rating | 200W                |
| Rated impedance         | 8 ohm               |
| Sensitivity             | 92.5dB              |
| Frequency range         | 60-6000Hz           |
| Chassis type            | Pressed steel       |
| Magnet type             | Ferrite             |
| Magnet weight           | 0.82kg / 29oz       |
| Voice coil diameter     | 38mm / 1.5in        |
| Voice coil material     | 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) | 13.5mm / 0.53       |

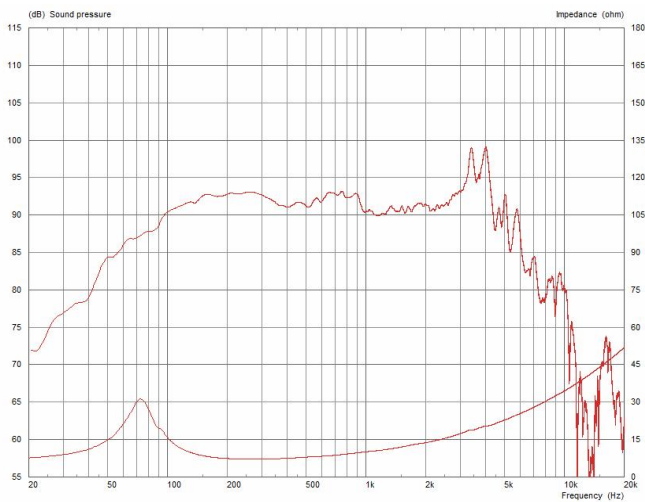
#### Parameters

|              |   |
|--------------|---|
| Sd           | 226.98cm <sup>2</sup> /35.18in <sup>2</sup> |
| Fs           | 64.8Hz                                      |
| Mrms         | 19.88g/0.7oz                                |
| Qms          | 2.989                                       |
| Qes          | 0.648                                       |
| Qts          | 0.533                                       |
| Re           | 6.34 ohm                                    |
| Vas          | 22.13l/0.78ft <sup>3</sup>                  |
| Bl           | 8.894Tm                                     |
| Cms          | 0.304mm/N                                   |
| Rms          | 2.707kg/s                                   |
| Le (at 1kHz) | 0.643mH                                     |
| Xmax         | 5.25mm / 0.21in                             |

#### Mounting Information

|                          |                        |
|--------------------------|------------------------|
| Overall diameter         | 223.4mm / 8.8in        |
| Overall depth            | 84.2mm / 3.3in         |
| Cut-out diameter         | 182mm / 7.17in         |
| Mounting hole dimensions | 7.5x5.5mm / 0.3x0.22in |
| Number of mounting holes | 4                      |
| Mounting hole PCD        | 211.5mm / 8.33in       |
| Unit weight              | 1.92kg / 4.23lb        |

#### 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:**  $0.5 \cdot (Hvc-Hg) + 0.25 \cdot Hg$