



TF0818MR

Ferrite magnet steel chassis driver

General Specifications

| | |
|---------------------------|---------------------|
| Nominal diameter | 203mm/8in |
| Power rating ¹ | 100Wrms |
| Nominal impedance | 8Ω |
| Sensitivity ² | 99dB |
| Frequency range | 800-5000Hz |
| Voice coil diameter | 45mm/1.75in |
| Chassis type | Pressed steel |
| Magnet type | Ferrite |
| Magnet weight | 0.57kg/20oz |
| Coil material | Round copper |
| Former material | Polyimide |
| Cone material | Kevlar loaded paper |
| Surround material | Treated paper |
| Suspension | Single |
| Xmax | n/a |
| Gap depth | n/a |
| Voice coil winding width | n/a |

Small Signal Parameters

| | |
|--------------|--------|
| D | n/a |
| Fs | 450Hz |
| Mair | n/a |
| Mmd | n/a |
| Qms | n/a |
| Qes | n/a |
| Qts | n/a |
| Re | 6.70Ω |
| Vas | n/a |
| Bl | n/a |
| Cms | n/a |
| Rms | n/a |
| Le (at 1kHz) | 0.34mH |

Mounting Information

| | |
|--------------------------|-------------------------------|
| Overall diameter | 208mm/8.19in |
| Overall depth | 85mm/3.35in |
| Cut-out diameter | 183mm/7.20in |
| Mounting slot dimensions | 9.5mm x 5.5mm/0.37in x 0.22in |
| Number of mounting slots | 4 |
| Mounting PCD range | 195-199mm/7.68-7.83in |
| Unit weight | 1.9kg/4.2lb |

Packed Dimensions & Weight

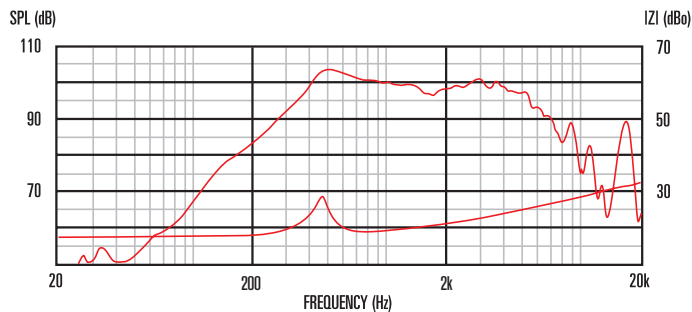
| | |
|---------------------------------|--------------------------|
| Single pack size W x D x H | 230mm x 230mm x 1100mm |
| | 9.1in x 9.1in x 4.3in |
| Single pack weight | 3kg/6.6lb |
| Multi pack (140) size W x D x H | 1070mm x 850mm x 860mm |
| | 42.1in x 33.5in x 33.9in |
| Multi pack (140) weight | 435kg/959lb |



Features

- 8" mid-range loudspeaker provides 99dB sensitivity and 100Wrms (AES standard) power handling
- 1.75" high temperature copper voice coil wound on polyimide former for increased reliability
- Designed for use in large 3-way systems
- Closed back chassis simplifies cabinet manufacture, eliminating need for separate mid-range enclosure

Frequency Response and Impedance Curves



Measured - 1W @ 1m, 2π

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. Measured on axis at 1W, 1m in 2π anechoic environment.