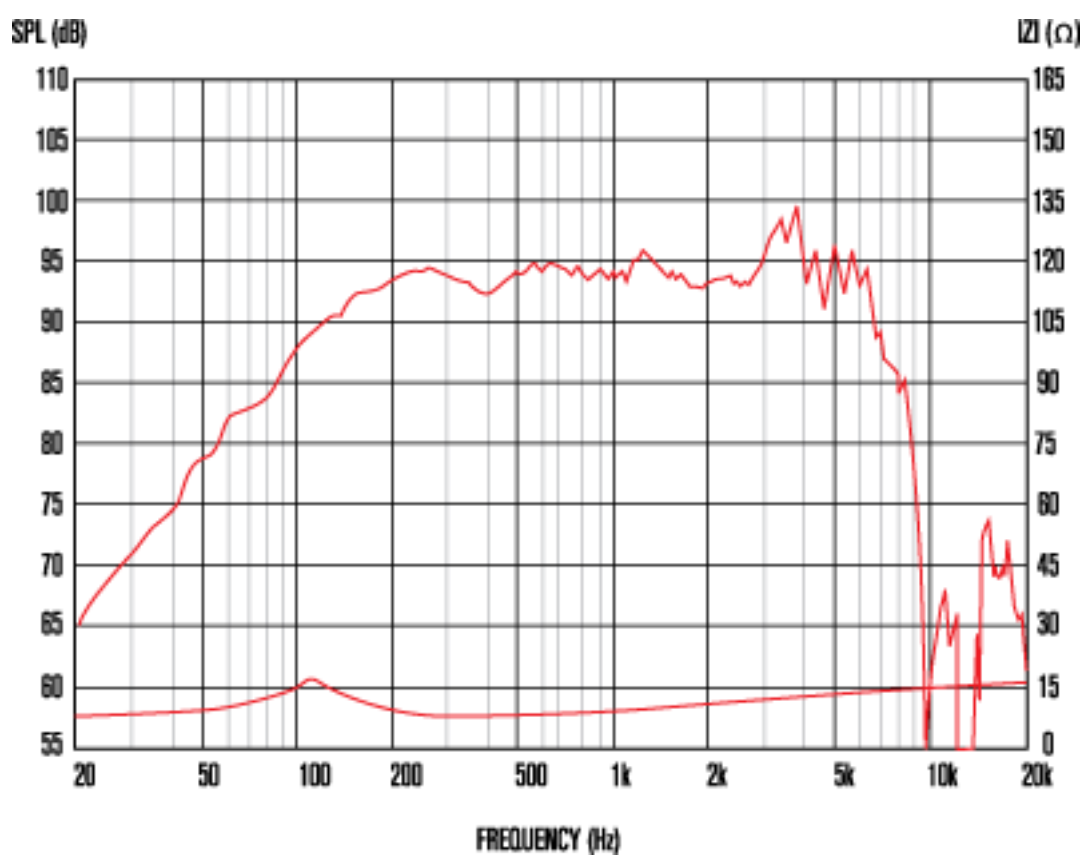


TF0818



- 8" low frequency driver providing 94dB sensitivity and 100Wrms

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	203mm/8in
Power rating ¹	100Wrms
Continuous power rating ²	200W
EIA power rating ³	150W
Nominal impedance	8
Sensitivity ⁴	94dB
Frequency range	70-6,000Hz
Voice coil diameter	44mm/1.75in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.88kg/31oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ⁵	3.5mm/0.14in
Gap depth	6mm/0.24in
Voice coil winding width	13mm/0.51in

Small Signal Parameters

D	0.17m/6.69in
Fs	100Hz
Mms	19.57g/0.69oz
Qms	3.311
Qes	0.493
Mmd	15.60g/0.55oz
Qts	0.429
Re	6.72
Vas	9.441lt/0.33ft3
Bl	12.95Tm
Cms	0.13mm/N
Rms	3.72kg/s
Le (at 1kHz)	0.75mH

Mounting Information

Overall diameter	208mm/8.19in
Overall depth	99mm/3.54in
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	2.3kg/5.1lb

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 size W x D x H	1070mmx850mmx860mm
Multi pack weight	350kg/770lb