

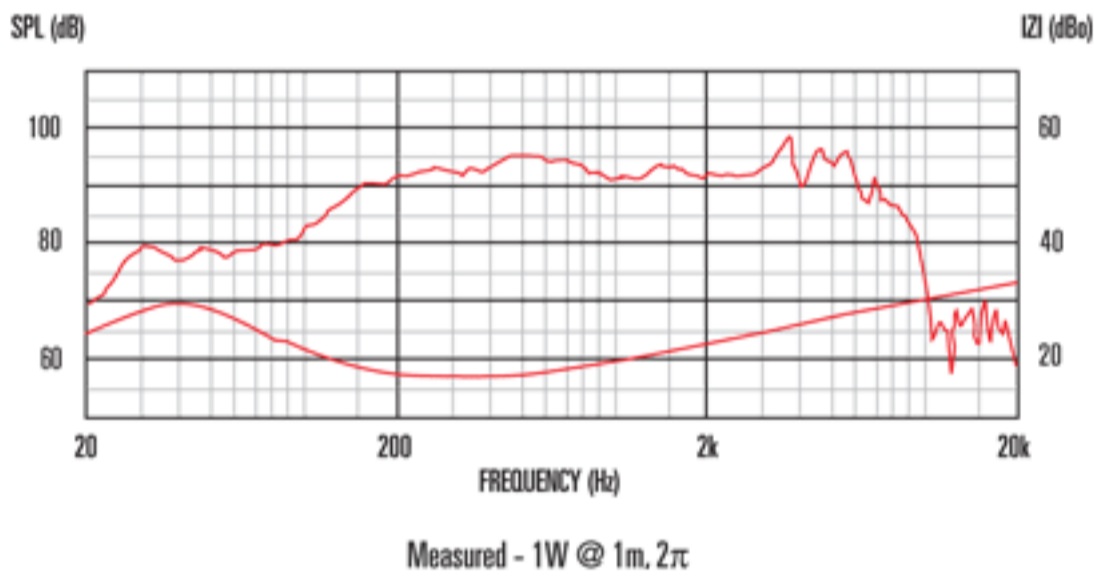
### TN0820



#### Features

- 8" driver providing 94dB sensitivity and 150Wrms (AES standard) power handling
- 2" high-temperature copper voice coil wound on polyimide for increased reliability
- Exceptional performance through bass and mid-range
- Features compact and lightweight neodymium magnet assembly
- Smart use of venting and specially designed heatsink for reduced thermal compression
- Effective flux management enables increased sensitivity

### 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. Measured on axis at 1W, 1m in 2° anechoic environment.
3. Xmax derived from: (voice coil winding width-gap depth)/2.
4. Small signal parameters measured after unit subjected to pre-conditioning signal.

### General Specifications

Nominal diameter	203mm/8in
Power rating <sup>1</sup>	150Wrms
Nominal impedance	8
Sensitivity <sup>2</sup>	94dB
Frequency range	60-4000Hz
Voice coil diameter	50mm/2in
Chassis type	Pressed steel
Magnet type	Neodymium
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax <sup>3</sup>	2mm/0.079in
Gap depth	8mm/0.32in
Voice coil winding width	12mm/0.47in

### Small Signal Parameters <sup>4</sup>

D	0.17m/6.69in
Fs	42.80Hz
Mms	22.28g/0.79oz
Mmd	20.34g/0.72oz
Qms	1.34
Qes	0.28
Qts	0.23
Re	5.70
Vas	45.34lt/1.6ft <sup>3</sup>
Bl	11.09Tm
Cms	0.62mm/N
Rms	4.47kg/s
Le (at 1kHz)	0.64mH

### Mounting Information

Diameter	208mm/8.19in
Overall depth	100mm/3.94in
Cut-out diameter	183mm/7.20in
Mounting slot dimensions	9.5mm x 5.5mm/0.37in x 0.22in
Number of mounting slots	8
Unit weight	1.3kg/2.9lb
Mounting slot PCD	196mm/7.72in

### 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	1.4kg/3.1lb
Multipack (120) size W x D x H	980mmx880mmx840mm /38.6in x 34.6in x 33.1in
Multi pack (120) weight	200kg/441lb