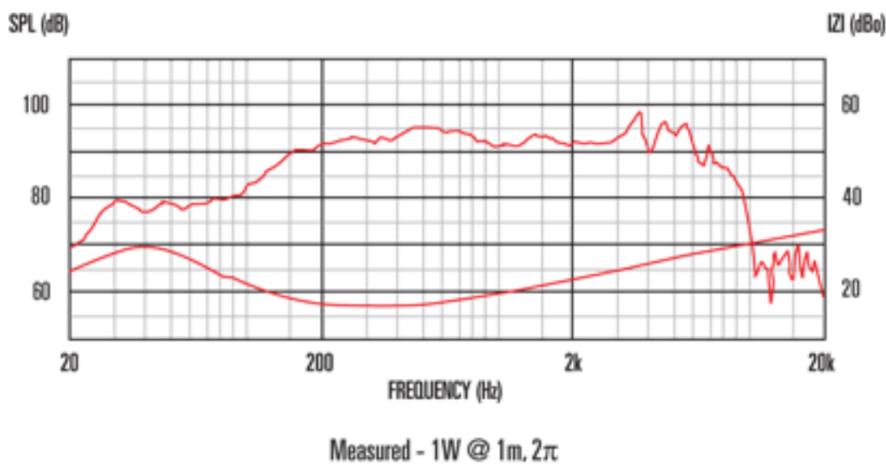


TN0820



- Compact, high flux, Dual Magnet Motor design
- Vented aluminium heatsink

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

General Specifications

Nominal diameter	203mm/8in
Power rating ¹	150Wrms
Continuous power rating ²	300W
Sensitivity ²	94dB
EIA power rating ³	250W
Nominal impedance	8
Frequency range	60-4,000Hz
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 ³	2mm/0.079in
Gap depth	8mm/0.32in
Voice coil winding width	12mm/0.47in

Small Signal Parameters ⁴

D	0.17m/6.69in
Fs	61.9Hz
Mms	21.98g/0.79oz
Qms	1.563
Qes	0.346
Mmd	20.34g/0.72oz
Qts	0.283
Re	5.62
Vas	21.92lt/0.77ft3
Bl	11.79Tm
Cms	0.03mm/N
Rms	5.47kg/s
Le (at 1kHz)	0.65mH

Mounting Information

Overall 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
Mounting PCD range	196mm/7.72in
Unit weight	1.3kg/2.9lb

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
Multi pack size W x D x H	980mmx880mmx840mm /38.6in x 34.6in x 33.1in
Multi pack weight	190kg/420lb