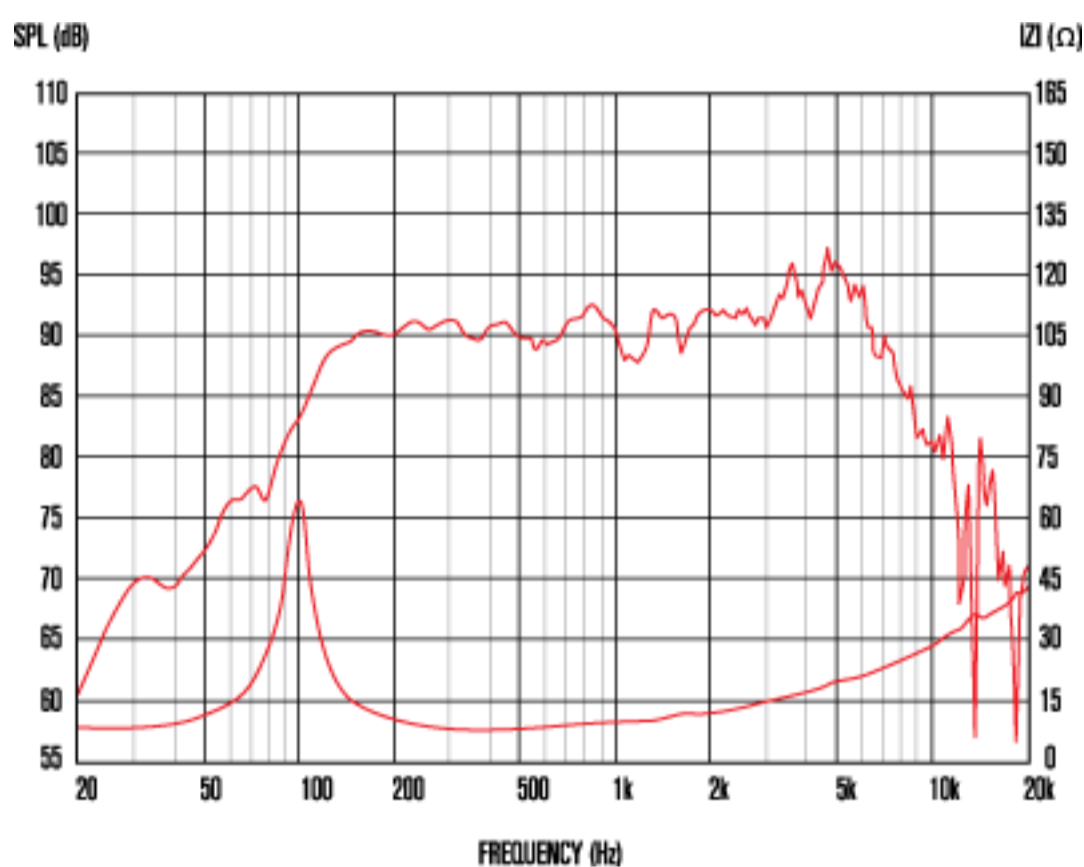


TF0615



- 6" mid-range speaker drive unit 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. X_{max} 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	152mm/6in
Power rating ¹	100Wrms
Continuous power rating ²	200W
EIA power rating ³	150W
Nominal impedance	8
Sensitivity ⁴	94dB
Frequency range	85-6,000Hz
Voice coil diameter	38mm/1.5in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.48kg/17oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth sealed
Suspension	Single
X _{max} ⁵	2.5mm/0.1in
Gap depth	6mm/0.24in
Voice coil winding width	6.5mm/0.26in

Small Signal Parameters

D	0.14m/5.51in
F _s	104.7Hz
M _{ms}	12.09g/0.43oz
Q _{ms}	3.949
Q _{es}	0.719
M _{md}	10.316g/0.364oz
Q _{ts}	0.608
R _e	7.08
V _{as}	6.411lt/0.23ft3
Bl	8.85Tm
C _{ms}	0.19mm/N
R _{ms}	2.01kg/s
L _e (at 1kHz)	0.47mH

Mounting Information

Overall diameter	178mm/7.01in
Overall depth	74mm/2.91in
Cut-out diameter	147mm/5.79in
Mounting slot dimensions	∅4.3mm/0.17in
Number of mounting slots	4
Mounting PCD range	168.5mm/6.63in
Unit weight	1.4kg/3.1lb

Packed Dimensions & Weight

Single pack size W x D x H	190mm x 200mm x 90mm /7.5in x 7.9in x 3.5in
Single pack weight	2kg/4.4lb