CELESTION

TF0615

Ferrite magnet pressed steel chassis driver

General Specifications

Nominal diameter	152mm/6in
Power rating[1]	100Wrms
Nominal impedance	8Ω
Sensitivity[2]	95dB
Frequency range	85-6000Hz
Voice coil diameter	38mm/1.5in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.8kg/17oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth sealed
Suspension	Single
Xmax[3]	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
Fs	107.2Hz
Mms	11.397g/0.402oz
Mmd	10.316g/0.364oz
Qms	5.83
Qes	0.682
Qts	0.611
Re	7.25Ω
Vas	6.49lt/0.23ft^3
Bl	9.03Tm
Cms	0.193mm/N
Rms	1.317kg/s

Mounting Information

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

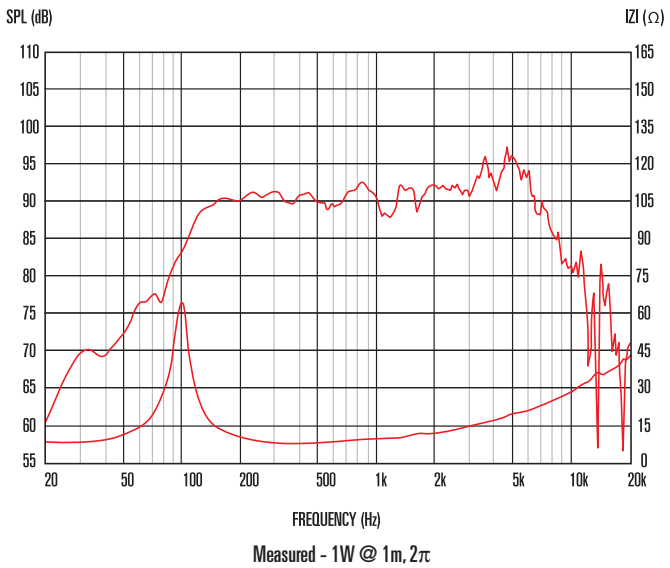
Packed Dimensions & Weight

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

Features

- **6" mid-range driver providing 95dB sensitivity and 100Wrms (AES standard) power handling**
- **1.5" high temperature copper voice coil wound on polyimide former for increased reliability**
- **Rigid chassis design for maximum energy transfer**
- **Vented magnet assembly for enhanced cooling**
- **Achieves optimal performance in compact enclosures**
- **Ideal for 2-way systems**

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.
3. Xmax derived from: (voice coil winding width-gap depth)/2.