CELESTION

LF Loudspeakers

TF0615

6.5-inch pressed steel chassis, ferrite magnet mid/bass driver

200W
Continuous power rating

95dB
Sensitivity

1.5in
Round copper voice coil



General Specifications

Nominal Diameter	160mm / 6.5in
Power Rating	100W
Continuous power rating	200W
EIA power rating	150W
Rated impedance	8 ohm
Sensitivity	95dB
Frequency range	85-6000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.48kg / 17oz
Voice coil diameter	38mm / 1.5in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	6mm / 0.24in
VC winding height (Hvc)	6.5mm / 0.26in

Parameters

Sd	153.94cm^2 / 23.86in^2
Fs	104.70Hz
Mms	12.09g / 0.43oz
Qms	3.949
Qes	0.719
Qts	0.608
Re	7.08 ohm
Vas	6.41l / 0.23ft^3
Bl	8.85Tm
Cms	0.19mm/N
Rms	2.01kg/s
Le (at 1kHz)	0.47mH
Xmax	1.75mm / 0.07in

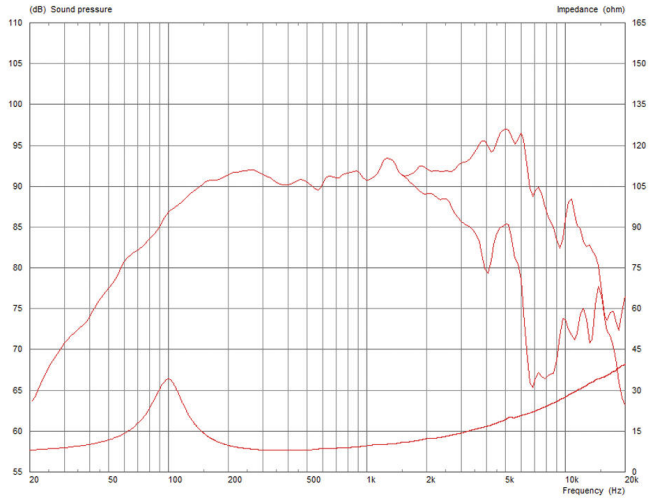
Mounting Information

Overall diameter	178mm / 7.01in
Overall depth	74mm / 2.9in
Cut-out diameter	147mm / 5.79in
Mounting hole dimensions	4.3mm / 0.17in
Number of mounting holes	4
Mounting hole PCD	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	2.0kg / 4.4lb

Frequency Response and Impedance Curves



Power rating: 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.
Continuous power rating: Defined as 3dB greater than the AES rating.
Sensitivity: Measured on axis at 1W, 1m in 2? anechoic environment.
Parameters: Measured after unit subjected to pre-conditioning signal.
Xmax: 0.5*(Hvc-Hg) + 0.25*Hg

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