LF Loudspeakers

TF0818

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

200W
Continuous power rating

94dB
Sensitivity

1.75in
Round copper voice coil



General Specifications

Nominal Diameter	203mm / 8in
Power Rating	100W
Continuous power rating	200W
EIA power rating	150W
Rated impedance	8 ohm
Sensitivity	94dB
Frequency range	70-6000Hz
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.88kg / 31oz
Voice coil diameter	44mm / 1.75in
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)	13mm / 0.51in
Additional impedances	4, 16 ohm

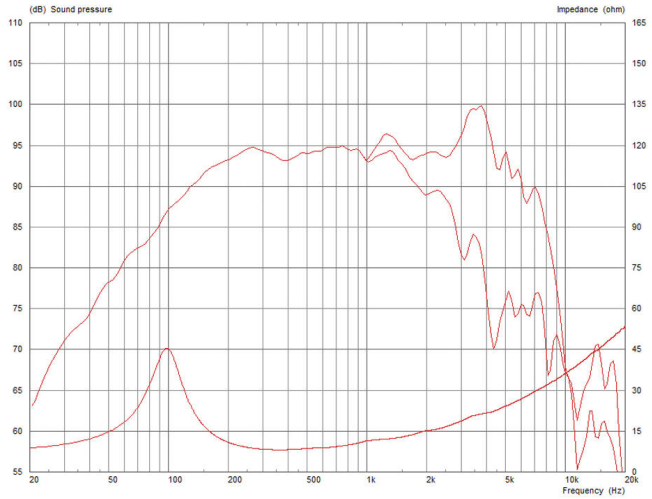
Mounting Information

Overall diameter	208mm / 8.19in
Overall depth	99mm / 3.9in
Cut-out diameter	183mm / 7.2in
Mounting hole dimensions	9.5x5.5mm / 0.37x0.22in
Number of mounting holes	4
Mounting hole PCD	195-199mm / 7.68-7.83in
Unit weight	2.3kg / 5.1lb

Parameters

Sd	226.98cm^2 / 35.18in^2
Fs	100.00Hz
Mms	19.57g / 0.69oz
Qms	3.311
Qes	0.493
Qts	0.429
Re	6.72 ohm
Vas	9.44l / 0.33ft^3
Bl	12.95Tm
Cms	0.13mm/N
Rms	3.72kg/s
Le (at 1kHz)	0.75mH
Xmax	5mm / 0.2in

Frequency Response and Impedance Curves



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	2.8kg / 6.2lb
Multi pack qty	140
Multi pack weight	350kg / 770lb

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

Celestion, Claydon Business Park, Great Blakenham, Ipswich, IP6 0NL United Kingdom