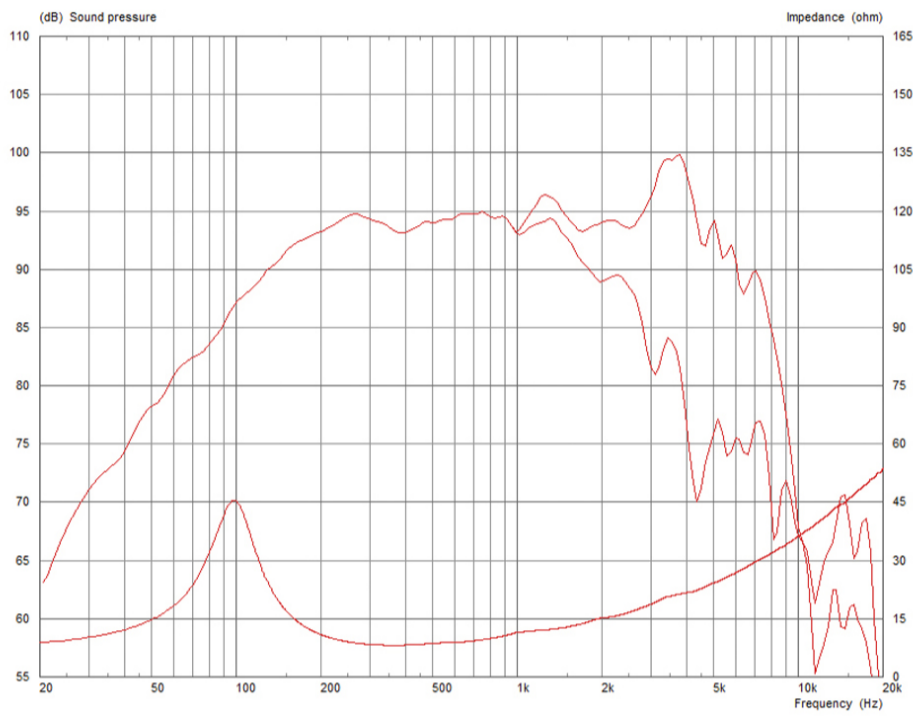


TF0818



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- 8in low frequency driver providing 94dB sensitivity and 100Wrms

Frequency Response and Impedance Curves



Topmost curve: Frequency response on axis | Secondary curve: Frequency response at 45° off axis

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 is defined as 3dB greater than the AES rating.

Sensitivity measured on axis at 1W, 1m in 2 anechoic environment.

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

Small Signal Parameters are measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal Diameter (mm)	203mm
Power Rating	100Wrms
Additional Impedances	4 , 16
Continuous Power Rating	200W
Sensitivity	94dB
Rated Impedance	8
Frequency Range	70-6000Hz
Voice coil diameter (mm)	44mm
Voice coil diameter (in)	1.75in
Chassis Type	Pressed steel
Magnet Type	Ferrite
Magnet Weight (kg)	0.88kg
Magnet Weight (oz)	31oz
Voice coil material	Round copper
Former Material	Polyimide
Cone material	Kevlar loaded paper
Surround Material	Cloth-sealed
Suspension	Single
Xmax (mm)	3.5mm
Xmax (in)	0.14in
Gap Depth (mm)	6mm
Gap Depth (in)	0.24in
Voice coil winding width (mm)	13mm
Voice coil winding width (in)	0.51in

Mounting Information

Mounting slot dimensions (mm)	9.5x5.5mm
Mounting slot dimensions (in)	0.37x0.22in
Mounting slot PCD (mm)	195-199mm
Mounting slot PCD (in)	7.68-7.83in
Number of mounting slots	4
Overall Diameter (mm)	208mm
overall_diameter_in	8.19in
Overall Depth (mm)	99mm
Overall Depth (in)	3.5in
Cut-out Diameter (mm)	183mm
Cut-out Diameter (in)	7.2in

Small Signal 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
Vas	9.44l / 0.33ft ³
Bi	12.95Tm
Cms	0.13mm/N
Rms	3.72kg/s
Le (at 1kHz)	0.75mH

Packed Dimensions & Weight

Unit Weight (kg)	2.3kg
Unit Weight (lb)	5.1lb
Single pack size W x D x H (mm)	230mm x 230mm x 110mm
Single pack size W x D x H (in)	9.1in x 9.1in x 4.3in
Single pack weight (kg)	2.8kg
Single pack weight (lb)	6.2lb
Multi Pack Qty	140
Multi pack size W x D x H (in)	42.1in x 33.5in x 33.9in
Multi pack weight (kg)	350kg
Multi pack weight (lb)	770lb

TF-0818

