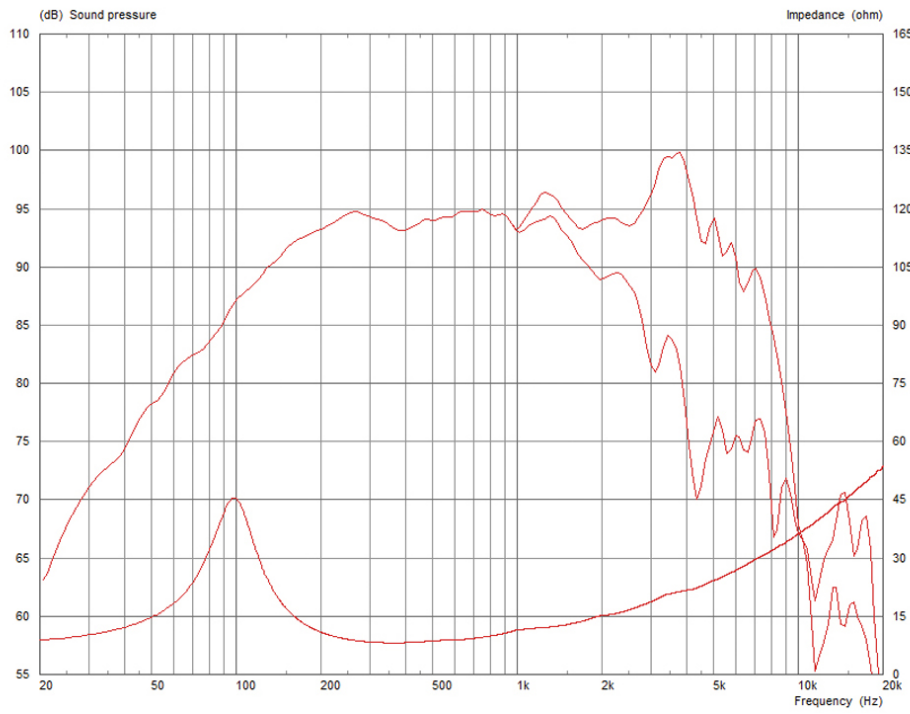


TF0818



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

Mounting Information

Mounting slot dimensions	9.5mm x 5.5mm/0.37in x 0.22in
Mounting slot PCD	195mm-199mm/7.68in-7.83in
Number of mounting slots	4
Overall Depth	99mm/3.54in
Overall Diameter (mm)	208mm
overall_diameter_in	8.19in
Cut-out diameter	183mm/7.2in
Unit Weight	2.3kg/5.1lb

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

Single pack size W x D x H	230mm x 230mm x 110mm
single_pack_weight	2.8kg/6.2lb
Multi Pack Qty	140
Multi pack size W x D x H	1070mm x 850mm x 860mm
	42.1in x 33.5in x 33.9in
Multi pack weight	350kg/770lb