



TF1215

Ferrite magnet steel chassis driver

General Specifications

Nominal diameter	305mm/12in
Power rating ¹	100Wrms
Nominal impedance	8Ω
Sensitivity ²	95dB
Frequency range	60-5000Hz
Voice coil diameter	38mm/1.5in
Chassis type	Pressed steel
Magnet type	Ferrite
Magnet weight	0.62kg/22oz
Coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax ³	2mm/0.08in
Gap depth	6mm/0.24in
Voice coil winding width	10mm/0.39in

Small Signal Parameters

D	0.26m/10.24in
Fs	62.5Hz
Mms	33.91g/1.197oz
Mmd	27.0g/0.95oz
Qms	6.297
Qes	1.311
Qts	1.085
Re	5.85Ω
Vas	69.2lt/2.45ft ³
Bl	8.02Tm
Cms	0.18mm/N
Rms	2.20kg/s
Le (at 1kHz)	0.5mH

Mounting Information

Overall diameter	309mm/12.17in
Overall depth	124mm/4.88in
Cut-out diameter	283mm/11.14in
Mounting slot dimensions	Ø 7.9mm/0.31in
Number of mounting slots	4
Mounting PCD range	297mm/11.69in
Unit weight	2.4kg/5.3lb

Packed Dimensions & Weight

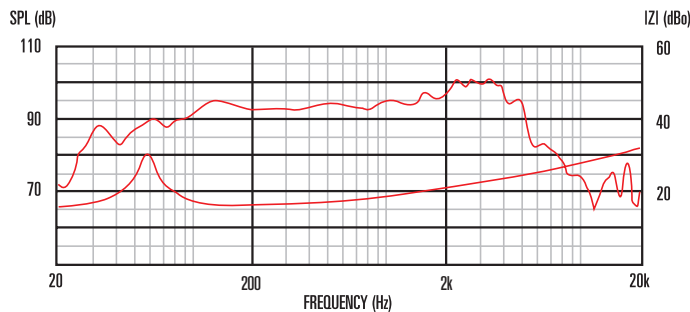
Single pack size W x D x H	330mm x 330mm x 150mm
	/13.0in x 13.0in x 5.9in
Single pack weight	3kg/6.6lb
Multi pack (60) size W x D x H	1080mm x 980mm x 880mm
	/42.5in x 38.6in x 34.6in
Multi pack (60) weight	154kg/339lb



Features

- 12" driver with excellent bass and mid-range performance
- Provides 95dB sensitivity and 100Wrms (AES standard) power handling
- 1.5" High temperature copper voice coil wound on polyimide for increased reliability
- Kevlar-loaded cone with sealed surround and damping for reduced distortion
- Cost-effective unit, optimised for use in 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.