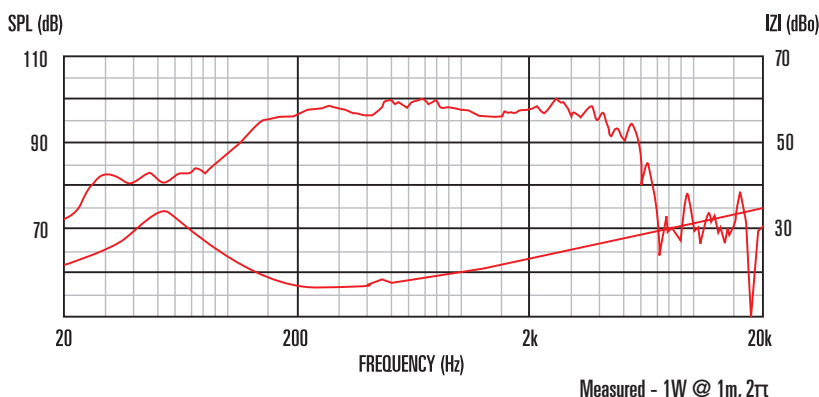




- **12" neodymium woofer offers 300Wrms (AES) continuous power handling and 98dB sensitivity**
- **3" high temperature Inside/Outside voice coil efficiently dissipates heat, preventing sensitivity loss through thermal compression**
- **M-roll surround provides progressive excursion control, yielding a smooth response even at extremes of frequency range**
- **Extremely lightweight design combined with a highly efficient magnet assembly results in exceptional power-to-weight ratio**
- **Intelligent heat management in both chassis and magnet assembly design further minimises distortion**

### Frequency Response and Impedance Curves



### General Specifications

Nominal diameter (mm/in)	305/12
Power Rating (AES, W rms)	300
Nominal impedance (Ω)	8
Voice coil diameter (mm/in)	76.2/3.0
Frequency range (Hz)	50-4000
Sensitivity (dB)	98
Chassis type	Cast Aluminium
Magnet type	Neodymium
Coil material	Round copper
Cone material	Kevlar loaded paper
Surround material	Cloth sealed
Suspension	Single
Xmax (mm/in)	4/0.16
Gap Depth (mm/in)	8.0/0.32
Voice coil winding width (mm/in)	16.0/0.63

### Small Signal Parameters

D (m/in)	0.26/10.24
Fs (Hz)	56.4
Mmd (g/oz)	54.41/1.92
Mair (g/oz)	6.92/0.244
Qms	2.74
Qes	0.33
Qts	0.29
Re (Ω)	5.77
Vas (lt/ft <sup>3</sup> )	51.78/1.828
Bl (Tm)	19.61
Cms (mm/N)	0.13
Rms (kg/s)	7.921
Le (mH)	0.778

### Mounting Information

Overall diameter (mm/in)	310/12.2
Overall depth (mm/in)	137/5.39
Cut-out diameter (mm/in)	286/11.26
Mounting slot dimensions (mm/in)	6.5/0.26x9.5/0.37
Number of mounting slots	8
Mounting PCDrange (mm/in)	294/11.57
Unit weight (kg/lb)	2.6/5.7

### Packed Dimensions & Weight

Multi pack (60) size W x D x H (mm/in)	1080x980x880
.....	/42.5x38.6x34.6
Multi pack (60) weight (kg/lb)	146/321