



- **6.5" neodymium magnet woofer with 1.75" voice coil, providing 150Wrms (AES) continuous power handling**
- **Optimized flux distribution in the magnet assembly provides low harmonic distortion**
- **Half-roll rubber surround provides greater excursion and improved modal distribution**
- **Intelligent heat management in both chassis and magnet assembly design offers reduced thermal compression**
- **Copper sleeved pole reduces inductive rise for improved HF performance**
- **Space efficient chassis profile**

General Specifications

Nominal diameter (mm/in)	165/6.5
Power Rating (AES, W rms)	150
Nominal impedance (Ω)	8
Voice coil diameter (mm/in)	44.5/1.75
Magnet type	Neodymium
Chassis type	Cast aluminium
Sensitivity (dB)	90
Frequency range (Hz)	70-7000
Coil material	Copper clad aluminium
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Xmax (mm/in)	4.5/0.18
Gap depth (mm/in)	6.0/0.24
Voice coil winding width (mm/in)	15.0/0.63

Small Signal Parameters

D (m/in)	0.13/5.12
Fs (Hz)	59.3
Mmd (g/oz)	15.89/0.561
Mair (g/oz)	0.8651/0.031
Qms	8.452
Qes	0.487
Qts	0.461
Re (Ω)	5.38
Vas (lt/ft ³)	10.725/0.379
Bl (Tm)	8.3
Cms (mm/N)	0.43
Rms (kg/s)	0.738
Le (mH)	0.295

Mounting Information

Overall diameter (mm/in)	Max 189/7.44
	Min 162/6.38
Overall depth (mm/in)	87/3.43
Cut-out diameter (mm/in)	145/5.7
Mounting slot dimensions (mm/in)	5.5/0.22 x 7.5/0.3
Number of mounting slots	4
Mounting slot PCD range (mm/in)	172-175/6.78-6.89
Unit weight (kg/lb)	0.95/2.09

Packed Dimensions & Weight

Multi pack (280) size W x D x H (mm/in)	1500x1000x980
	/59.1x39.4x38.7
Multi pack (280) weight (kg/lb)	375/825

Frequency Response and Impedance Curves

