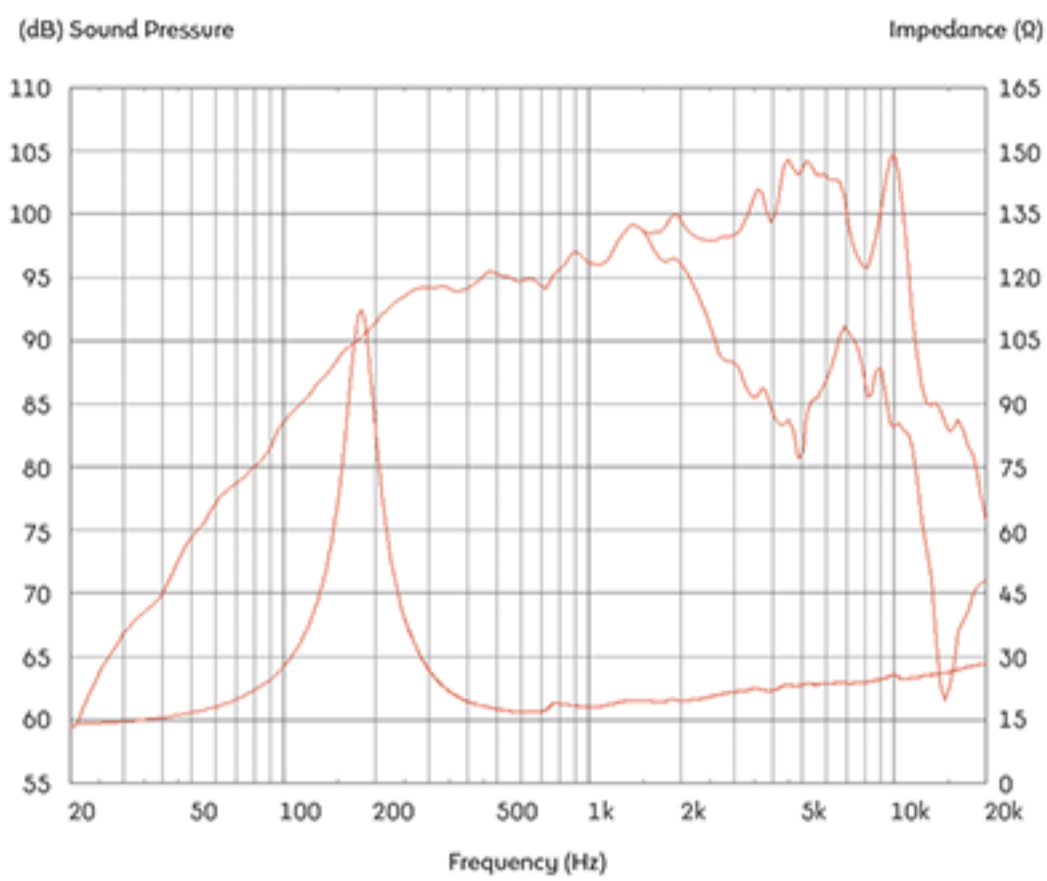


CN0617M



- Inverted dustcap for close positioning of phase plug.
- High temperature environmentally robust foam surround.
- Copper sleeved pole to reduce distortion.
- Chassis design allows for fixing of rear cover

8 Frequency Response



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

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. Continuous Power Rating is defined as 3dB greater than the AES rating.
3. Measured on axis at 1W, 1m in 2^l anechoic environment.
4. Xmax derived from: (voice coil winding width-gap depth)/2.
5. Small signal parameters measured after unit subjected to pre-conditioning signal.

General Specifications

Nominal diameter	165mm/6.5in
Power rating ¹	200Wrms
Continuous power rating ²	400W
Nominal impedance	16
Sensitivity ³	99dB
Frequency range	300-7,000Hz
Voice coil diameter	44mm/1.75in
Chassis type	Cast Aluminium
Magnet type	Neodymim
Coil material	Edgewound copper clad aluminium
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Temperature resistant foam
Xmax ⁴	1.2mm/0.05in
Gap depth	6mm/0.24in
Voice coil winding width	8.4mm/0.33in

Small Signal Parameters

D	139.8mm/5.6in
Fs	197.5Hz
Mms	10.75g/0.38oz
Qms	5.641
Qes	0.55
Qts	0.501
Re	12.85
Vas	2.03l/0.07ft3
Bl	17.65Tm
Cms	0.06mm/N
Rms	2.36kg

Mounting Information

Overall diameter	189mm/7.44in (max)
Overall depth	68mm/2.68in
Cut-out diameter	150mm/5.9in
Mounting slot dimensions	7.5mm x 5.5mm/0.3in x 0.22in
Number of mounting slots	4
Mounting slot PCD range	173-175mm/6.81-6.89in
Unit weight	1.0kg/2.2lb

Packed Dimensions & Weight

Multi pack size W x D x H	350mm x 350mm x 190mm /13.7in x 13.7in x 7.4in
Multi pack weight	10kg/22lb