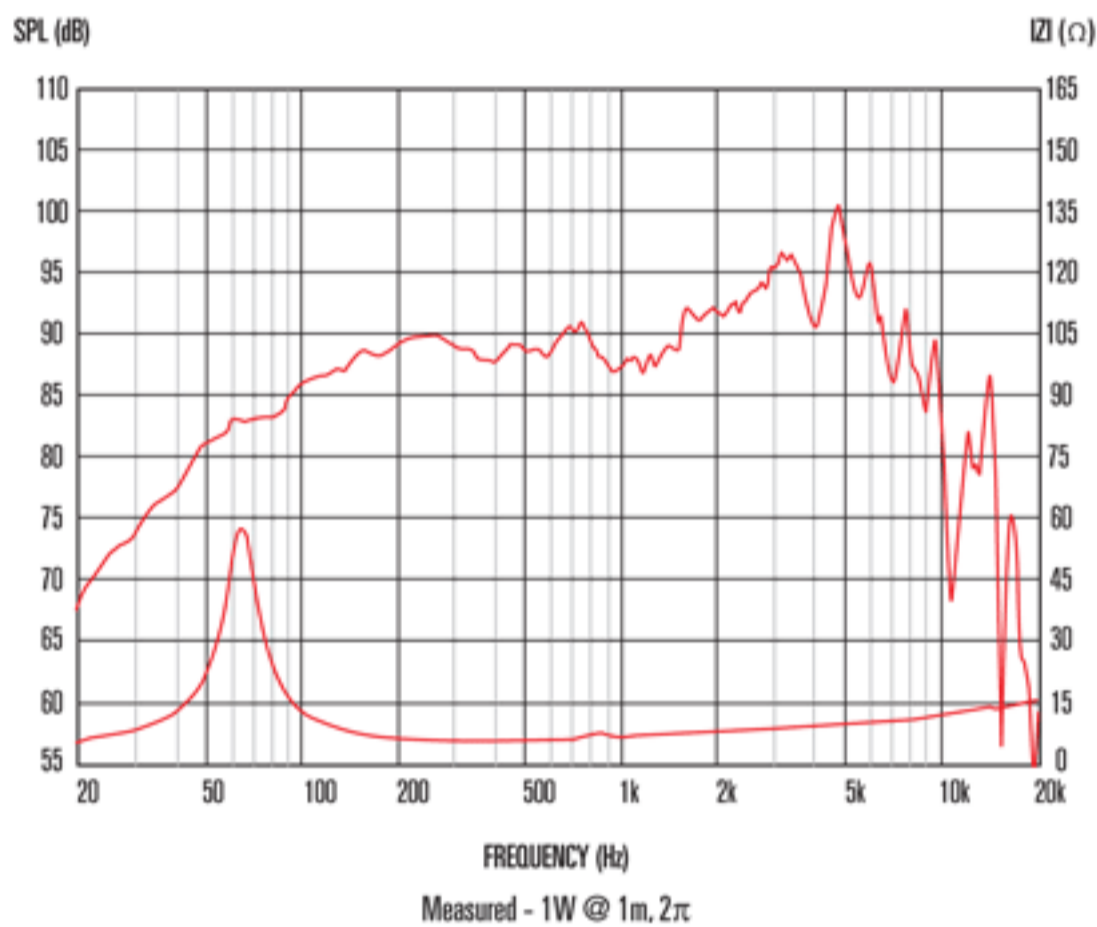


NTR06-1705D



- Copper sleeved pole to reduce distortion
- Vented magnet assembly for more efficient cooling

8 Frequency Response



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	150Wrms
Continuous power rating ²	300W
Nominal impedance	8
Sensitivity ²	90dB
Frequency range	70-7,000Hz
Voice coil diameter	44mm/1.75in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Copper clad aluminium
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Elastomer
Suspension	Single
Xmax ⁴	4.5mm/0.18in
Gap depth	6mm/0.24in
Voice coil winding width	15mm/0.63in

Small Signal Parameters ⁵

D	0.13m/5.12in
Fs	49.0Hz
Mms	16.58g/0.58oz
Qms	6.123
Qes	0.403
Mmd	16.66g/0.588oz
Qts	0.378
Re	5.27
Vas	21.42lt/0.76ft ³
Bl	8.17Tm
Cms	0.64mm/N
Rms	0.83kg/s
Le (at 1kHz)	0.23mH

Mounting Information

Overall diameter	Max 189mm /7.44in - Min 162mm/6.38in
Overall depth	87mm/3.43in
Cut-out diameter	150mm/5.9in
Mounting slot dimensions	6.5mm x 5.5mm/0.26in x 0.22in
Number of mounting slots	4
Mounting slot PCD range	173.5mm/6.83in
Unit weight	0.95kg/2.09lb

Packed Dimensions & Weight

Single pack size W x D x H	190mm x 190mm x 110mm /7.5in x 7.5in x 4.3in
Single pack weight	1.1kg/2.4lb
Multi pack size W x D x H	1070mm x 850mm x 860mm /42.1in x 33.5in x 33.9in
Multi pack weight	140kg/308lb