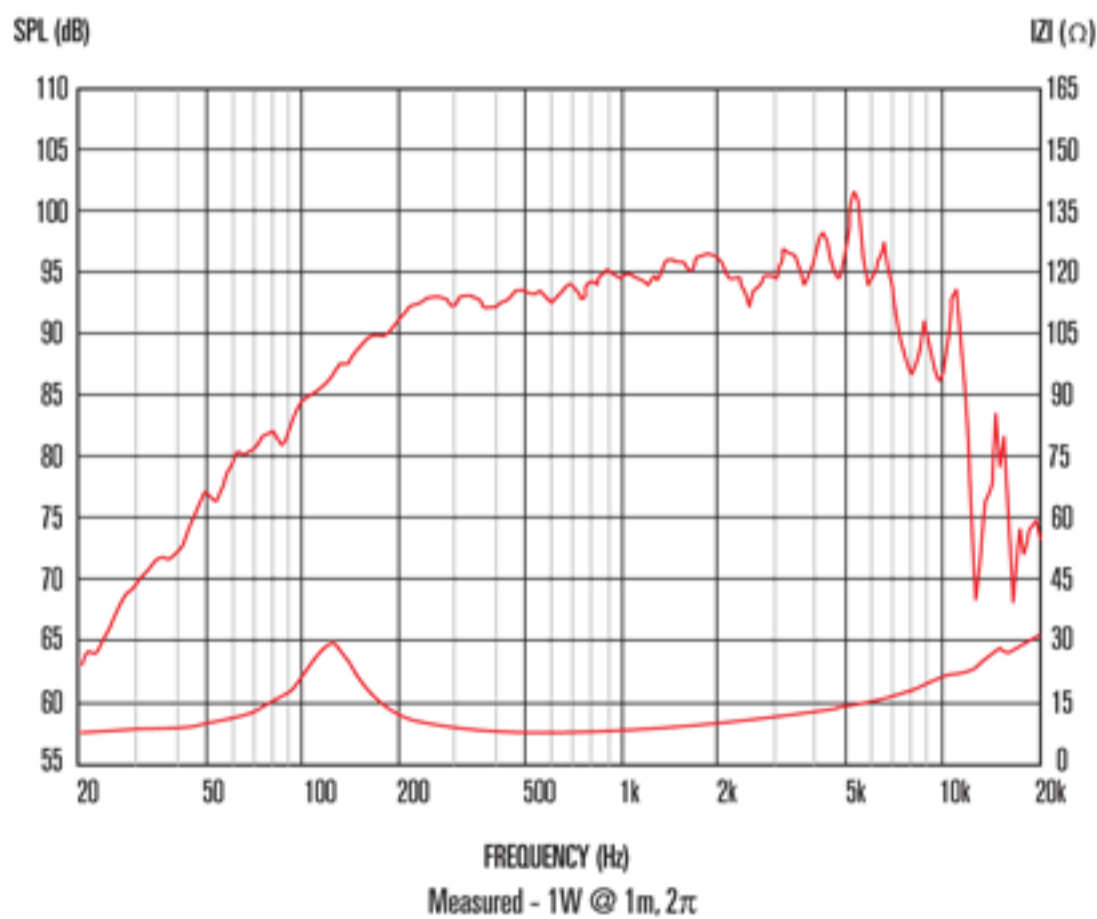


NTR06-1705B



- 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 $\bar{1}$ 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 ³ | 95dB |
| Frequency range | 1500-7,000Hz |
| 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 | Cloth-sealed |
| Suspension | Single |
| Xmax ³ | 2.5mm/0.098in |
| Gap depth | 6mm/0.24in |
| Voice coil winding width | 11mm/0.43in |

Small Signal Parameters ⁴

| | |
|--------------|----------------------------|
| D | 0.13m/5.12in |
| Fs | 132.9Hz |
| Mms | 13.264g/0.47oz |
| Qms | 1.912 |
| Qes | 0.576 |
| Mmd | 12.069g/0.422oz |
| Qts | 0.442 |
| Re | 5.94 |
| Vas | 3.63lt/0.13ft ³ |
| Bl | 10.69Tm |
| Cms | 0.11mm/N |
| Rms | 5.79kg/s |
| Le (at 1kHz) | 0.21mH |

Mounting Information

| | |
|--------------------------|---|
| Overall diameter | Max 189mm /7.44in - Min 162mm/6.38in |
| Overall depth | 71mm/2.79in |
| 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 | 0.85kg/1.87lb |

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 | 1.0kg/2.2lb |
| Multi pack size W x D x H | 800mm x 840mm x 74mm 31.4in x 33.in x 29.1in |
| Multi pack weight | 17kg/37.4lb |