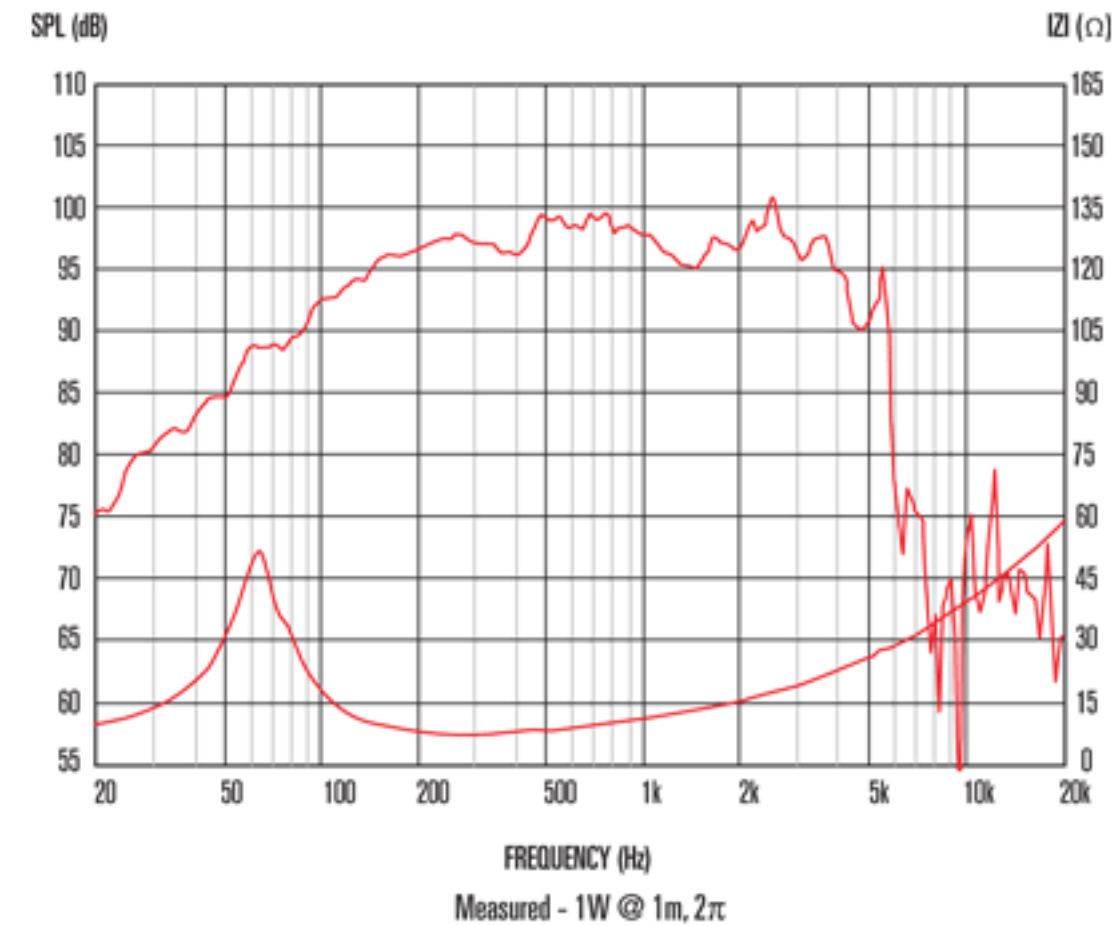


NTR12-3018D



- Vented cast aluminium heatsink
- Compact, high flux, Dual Magnet Motor design

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 2ĭ 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	305mm/12in
Power rating ¹	350Wrms
Continuous power rating ²	700W
Nominal impedance	8
Sensitivity ³	98dB
Frequency range	50-4,000Hz
Voice coil diameter	75mm/3in
Chassis type	Cast aluminium
Magnet type	Neodymium
Coil material	Round copper
Former material	Glass fibre
Cone material	Kevlar loaded paper
Surround material	Cloth sealed
Suspension	Single
Xmax ⁴	4mm/016in
Gap depth	8mm/0.32in
Voice coil winding width	16mm/0.63in

Small Signal Parameters ⁴

D	0.26m/10.24in
Fs	58.8Hz
Mms	58.08g/2.05oz
Qms	3.391
Qes	0.325
Mmd	50.28g/1.78oz
Qts	0.296
Re	5.99
Vas	50.39lt/1.78ft3
Bl	19.9Tm
Cms	0.13mm/N
Rms	6.32kg/s
Le (at 1kHz)	0.8mH

Mounting Information

Overall diameter	318mm/12.5in
Overall depth	137mm/5.39in
Cut-out diameter	286mm/11.26in
Mounting slot dimensions	9.5mm x 6.5mm/0.37in x 0.26in
Number of mounting slots	8
Mounting slot PCD range	298-304mm/11.7-12.0in
Unit weight	2.6kg/5.7lb

Packed Dimensions & Weight

Single pack size W x D x H	350mm x 350mm x 185mm /13.8in x 13.8in x 7.3in
Single pack weight	3kg/6.6lb
Multi pack size W x D x H	1080mm x 980mm x 880mm /42.5in x 38.6in x 34.6in
Multi pack weight	178kg/392lb